



# APPLICATION GUIDE

## LiquidSpring Application Guide: Full Line, p/n D11534 Rev KY

|                                  |               |                                       |               |                |               |          |       |        |                    |        |                     |                   |                                     |                                                                                                                                |                 | Application                   |          |                      |  |
|----------------------------------|---------------|---------------------------------------|---------------|----------------|---------------|----------|-------|--------|--------------------|--------|---------------------|-------------------|-------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------------------------|----------|----------------------|--|
| Model                            | Model Years   | Axle GAWR (either Axle or Susp) (lbs) | Axle Model(s) | Cab            | WB (in)       | CA (in)  | Frame | Engine | Fuel Tank Location | Brakes | OEM Susp. GAWR Type | Snow Chain Avail? | LiquidSpring Kit / Max Rating (lbs) | Comments                                                                                                                       | Adventure Truck | EMS, Fire and Rescue Vehicles | Mobility | Recreational Vehicle |  |
| Ford                             |               |                                       |               |                |               |          |       |        |                    |        |                     |                   |                                     |                                                                                                                                |                 |                               |          |                      |  |
| E-Series Cutaway / Strip Chassis |               |                                       |               |                |               |          |       |        |                    |        |                     |                   |                                     |                                                                                                                                |                 |                               |          |                      |  |
| Front E450                       | 2021-Current  | 5000                                  | n/a           | Cutaway, Strip | Any           | Any      | n/a   | Any    | n/a                | n/a    | n/a                 | No                | FS50F 5000                          | Front Suspension (requires Rear DS96FS3 kit)                                                                                   | X               | X                             |          | X                    |  |
|                                  | 2021-Current  | 5000                                  | n/a           | Cutaway, Strip | Any           | Any      | n/a   | Any    | n/a                | n/a    | n/a                 | No                | FS50F-EC 5000                       | Front Suspension (requires Rear DS96FS3-EC kit)                                                                                | X               | X                             |          | X                    |  |
|                                  | 2021-Current  | 5000                                  | n/a           | Cutaway, Strip | Any           | Any      | n/a   | Any    | n/a                | n/a    | n/a                 | No                | FS50FS2-A 5000                      | Front Ambulance Suspension Kit (requires Rear DS96FS4-A kit)                                                                   | X               | X                             |          | X                    |  |
|                                  | 2021-Current  | 5000                                  | n/a           | Cutaway, Strip | Any           | Any      | n/a   | Any    | n/a                | n/a    | n/a                 | No                | FS50FS2-FR 5000                     | Front Suspension (requires Rear DS96FS4-FR kit)<br><b>Note: Requires hose extension kit (PN 13321) if wheelbase &gt; 177".</b> | X               | X                             |          | X                    |  |
|                                  | 2021-Current  | 5000                                  | n/a           | Cutaway, Strip | Any           | Any      | n/a   | Any    | n/a                | n/a    | n/a                 | No                | FS50FTE 5000                        | Front Suspension (requires Rear DS96FS3-MTE kit). System is equipped with Tru-Earth Leveling™.                                 |                 |                               |          | X                    |  |
| REAR E350                        | 2021-Current  | 8500                                  | n/a           | Cutaway, Strip | 158, 176      | 100, 118 | n/a   | Any    | Rear               | n/a    | n/a                 | No                | DS85FS3 8500                        |                                                                                                                                | X               | X                             | X        |                      |  |
|                                  | 2021-Current  | 8500                                  | n/a           | Cutaway        | 158, 176      | 100, 118 | n/a   | Any    | Rear               | n/a    | n/a                 | No                | DS85FS3-BA 8500                     | Uses 10830-014 volume mounts on driver side (vol. under frame)                                                                 |                 | X                             |          |                      |  |
|                                  | 2021- Current | 8500                                  | n/a           | Cutaway, Strip | 158, 176      | 100, 118 | n/a   | Any    | Rear               | n/a    | n/a                 | No                | DS85FS3-FR 8500                     | Telma Bus Kit                                                                                                                  |                 |                               | X        |                      |  |
| REAR E450                        | 2021-Current  | 9600                                  | n/a           | Cutaway, Strip | 158, 176      | 100, 118 | n/a   | Any    | Rear               | n/a    | n/a                 | No                | DS96FS3 9600                        |                                                                                                                                | X               | X                             | X        |                      |  |
|                                  | 2021-Current  | 9600                                  | n/a           | Cutaway        | 158, 176      | 100, 118 | n/a   | Any    | Rear               | n/a    | n/a                 | No                | DS96FS3-BA 9600                     | Uses 10830-014 volume mounts on driver side (vol. under frame)                                                                 |                 | X                             |          |                      |  |
|                                  | 2021-Current  | 9600                                  | n/a           | Cutaway, Strip | 158, 176      | 100, 118 | n/a   | Any    | Rear               | n/a    | n/a                 | No                | DS96FS3-MTE 9600                    | (Requires FS50FTE Front Kit). Uses 10830-014 volume mounts, & larger struts. System is equipped with Tru-Earth Leveling™.      |                 |                               |          | X                    |  |
|                                  | 2021-Current  | 9600                                  | n/a           | Cutaway, Strip | 158, 176      | 100, 118 | n/a   | Any    | Rear               | n/a    | n/a                 | No                | DS96FS3T 9600                       | Requires Front FS50F kit. Front kneels first                                                                                   |                 |                               | X        |                      |  |
|                                  | 2021-Current  | 9600                                  | n/a           | Cutaway, Strip | 158, 176      | 100, 118 | n/a   | Any    | Rear               | n/a    | n/a                 | No                | DS96FS3-EC 9600                     | Requires Front FS50F-EC kit. Front kneels first                                                                                |                 |                               | X        |                      |  |
|                                  | 2021- Current | 9600                                  | n/a           | Cutaway, Strip | 158, 176      | 100, 118 | n/a   | Any    | Rear               | n/a    | n/a                 | No                | DS96FS3-FR 9600                     | Telma Bus Kit                                                                                                                  |                 |                               | X        |                      |  |
|                                  | 2021- Current | 9600                                  | n/a           | Cutaway, Strip | 158, 176      | 100, 118 | n/a   | Any    | Rear               | n/a    | n/a                 | No                | DS96FS4-A 9600                      | Ambulance Kit                                                                                                                  |                 |                               | X        |                      |  |
|                                  | 2021- Current | 9600                                  | n/a           | Cutaway, Strip | 158, 176, 205 | 100, 118 | n/a   | Any    | Rear               | n/a    | n/a                 | No                | DS96FS4-FR 9600                     |                                                                                                                                |                 |                               | X        |                      |  |
|                                  | 2021-Current  | 9600                                  | n/a           | Cutaway, Strip | 158, 176      | 100, 118 | n/a   | Any    | Rear               | n/a    | n/a                 | No                | DS96FS3-CLF 9600                    | Compatible with front suspension FS50F-EC                                                                                      |                 |                               | X        |                      |  |
| REAR Arboc E450 Low Floor        | 2021-Current  | 9600                                  | n/a           | Cutaway        | SP            | SP       | n/a   | Any    | Rear               | n/a    | n/a                 | No                | DS96FS3-ASF 9600                    | Special unit for Arboc Low Floor bus; Spirit of Freedom only; Front susp add on requires ECU that is rear kneel first.         |                 |                               | X        |                      |  |
|                                  |               |                                       |               |                |               |          |       |        |                    |        |                     |                   | DS96FS3-ASM 9600                    | Special unit for Arboc Low Floor bus; Spirit of Mobility only; Requires front suspension FS50F. Front kneels first             |                 |                               | X        |                      |  |

## LiquidSpring Application Guide: Full Line, p/n D11534 Rev KY

|                                                                            |              |                                       |               |     |         |         |       |        |                    |        |                     |                   |                                     |                                                                                                                                                                                                                                                                                                                                                                                                         | Application     |                               |          |                      |
|----------------------------------------------------------------------------|--------------|---------------------------------------|---------------|-----|---------|---------|-------|--------|--------------------|--------|---------------------|-------------------|-------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------------------------|----------|----------------------|
| Model                                                                      | Model Years  | Axle GAWR (either Axle or Susp) (lbs) | Axle Model(s) | Cab | WB (in) | CA (in) | Frame | Engine | Fuel Tank Location | Brakes | OEM Susp. GAWR Type | Snow Chain Avail? | LiquidSpring Kit / Max Rating (lbs) | Comments                                                                                                                                                                                                                                                                                                                                                                                                | Adventure Truck | EMS, Fire and Rescue Vehicles | Mobility | Recreational Vehicle |
| F250 Pickup Stock Height                                                   |              |                                       |               |     |         |         |       |        |                    |        |                     |                   |                                     |                                                                                                                                                                                                                                                                                                                                                                                                         |                 |                               |          |                      |
| Front F250 Pickup (4x4)                                                    | 2020-Current | 5990                                  | n/a           | Any | Any     | Any     | n/a   | Any    | n/a                | n/a    | n/a                 | No                | FS60FS2P 6000                       | 4x4 only; Front suspension with Dual Springs (Requires DS63FS2P-DS/DS63FS2P-SS rear suspension).<br>Ford camper package requires kit to change to equivalent F-350 kit (DS72FS2P).                                                                                                                                                                                                                      | X               |                               |          |                      |
|                                                                            |              |                                       |               |     |         |         |       |        |                    |        |                     |                   | FS60FS2PE <sup>1</sup> 6000         | <b>Note: Installation of LiquidSpring suspension will disable onboard scale &amp; smart hitch functionality. OEM hitch only.</b>                                                                                                                                                                                                                                                                        | X               |                               |          |                      |
| Rear F250 SRW Pickup                                                       | 2020-Current | 6340                                  | SRW Only      | Any | Any     | Any     | n/a   | Any    | Standard           | n/a    | n/a                 | No                | DS63FS2P-DS 6340                    | Removes spare tire. Volumes & power module mounted behind rear axle. Ford camper package requires kit to change to equivalent F-350 kit (DS72FS2P).<br><b>Note: Installation of LiquidSpring suspension will disable onboard scale &amp; smart hitch functionality. OEM hitch only.</b><br>System is equipped with Tru-Earth Leveling™.                                                                 | X               |                               |          |                      |
|                                                                            | 2020-Current | 6340                                  | SRW Only      | Any | Any     | Any     | n/a   | Any    | Standard           | n/a    | n/a                 | No                | DS63FS2P-SS 6340                    | Long bed required. Volumes & power module mounted under cab & bed. MY23+ requires RF bed side step to be replaced (included in kit). Ford camper package requires kit to change to equivalent F-350 kit (DS72FS2P).<br><b>Note: Installation of LiquidSpring suspension will disable onboard scale &amp; smart hitch functionality. OEM hitch only.</b><br>System is equipped with Tru-Earth Leveling™. | X               |                               |          |                      |
| <sup>1</sup> International export models have 0 psi precharge accumulators |              |                                       |               |     |         |         |       |        |                    |        |                     |                   |                                     |                                                                                                                                                                                                                                                                                                                                                                                                         |                 |                               |          |                      |

## LiquidSpring Application Guide: Full Line, p/n D11534 Rev KY

|                                                                            |              |                                       |               |     |         |         |       |        |                    |        |                     |                   |                                     |                                                                                                                                                                                                                                                                                                                                                                                                         | Application     |                               |          |                      |
|----------------------------------------------------------------------------|--------------|---------------------------------------|---------------|-----|---------|---------|-------|--------|--------------------|--------|---------------------|-------------------|-------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------------------------|----------|----------------------|
| Model                                                                      | Model Years  | Axle GAWR (either Axle or Susp) (lbs) | Axle Model(s) | Cab | WB (in) | CA (in) | Frame | Engine | Fuel Tank Location | Brakes | OEM Susp. GAWR Type | Snow Chain Avail? | LiquidSpring Kit / Max Rating (lbs) | Comments                                                                                                                                                                                                                                                                                                                                                                                                | Adventure Truck | EMS, Fire and Rescue Vehicles | Mobility | Recreational Vehicle |
| F250 Pickup 2" Lift Kit                                                    |              |                                       |               |     |         |         |       |        |                    |        |                     |                   |                                     |                                                                                                                                                                                                                                                                                                                                                                                                         |                 |                               |          |                      |
| Front F250 Pickup (4x4)                                                    | 2020-2022    | 5990                                  | n/a           | Any | Any     | Any     | n/a   | Any    | n/a                | n/a    | n/a                 | No                | FS60FS3P-L2 6000                    | 4x4 only; Front suspension with Dual Springs (Requires DS63FS2P-L2DS/-L2SS rear suspension). Ford camper package requires kit to change to equivalent F-350 kit (DS72FS2P).<br><b>Note: Installation of LiquidSpring suspension will disable onboard scale &amp; smart hitch functionality. OEM hitch only.</b>                                                                                         | X               |                               |          |                      |
|                                                                            |              |                                       |               |     |         |         |       |        |                    |        |                     |                   | FS60FS3P-L2E <sup>1</sup> 6000      |                                                                                                                                                                                                                                                                                                                                                                                                         | X               |                               |          |                      |
|                                                                            | 2023-Current | 5990                                  | n/a           | Any | Any     | Any     | n/a   | Any    | n/a                | n/a    | n/a                 | No                | FS60FS4P-L2 6000                    |                                                                                                                                                                                                                                                                                                                                                                                                         | X               |                               |          |                      |
|                                                                            |              |                                       |               |     |         |         |       |        |                    |        |                     |                   | FS60FS4P-L2E <sup>1</sup> 6000      |                                                                                                                                                                                                                                                                                                                                                                                                         | X               |                               |          |                      |
| Rear F250 SRW Pickup                                                       | 2020-Current | 6340                                  | SRW Only      | Any | Any     | Any     | n/a   | Any    | Standard           | n/a    | n/a                 | No                | DS63FS2P-L2DS 6340                  | Removes spare tire. Volumes & power module mounted behind rear axle. Ford camper package requires kit to change to equivalent F-350 kit (DS72FS2P).<br><b>Note: Installation of LiquidSpring suspension will disable onboard scale &amp; smart hitch functionality. OEM hitch only.</b><br>System is equipped with Tru-Earth Leveling™.                                                                 | X               |                               |          |                      |
|                                                                            | 2020-Current | 6340                                  | SRW Only      | Any | Any     | Any     | n/a   | Any    | Standard           | n/a    | n/a                 | No                | DS63FS2P-L2SS 6340                  | Long bed required. Volumes & power module mounted under cab & bed. MY23+ requires RF bed side step to be replaced (included in kit). Ford camper package requires kit to change to equivalent F-350 kit (DS72FS2P).<br><b>Note: Installation of LiquidSpring suspension will disable onboard scale &amp; smart hitch functionality. OEM hitch only.</b><br>System is equipped with Tru-Earth Leveling™. | X               |                               |          |                      |
| <sup>1</sup> International export models have 0 psi precharge accumulators |              |                                       |               |     |         |         |       |        |                    |        |                     |                   |                                     |                                                                                                                                                                                                                                                                                                                                                                                                         |                 |                               |          |                      |

## LiquidSpring Application Guide: Full Line, p/n D11534 Rev KY

|                                                                            |              |                                       |               |     |         |         |       |        |                    |        |                     |                                |                                     |                                                                                                                                                                                                                                                                                                                                         | Application     |                               |          |                      |
|----------------------------------------------------------------------------|--------------|---------------------------------------|---------------|-----|---------|---------|-------|--------|--------------------|--------|---------------------|--------------------------------|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------------------------|----------|----------------------|
| Model                                                                      | Model Years  | Axle GAWR (either Axle or Susp) (lbs) | Axle Model(s) | Cab | WB (in) | CA (in) | Frame | Engine | Fuel Tank Location | Brakes | OEM Susp. GAWR Type | Snow Chain Avail?              | LiquidSpring Kit / Max Rating (lbs) | Comments                                                                                                                                                                                                                                                                                                                                | Adventure Truck | EMS, Fire and Rescue Vehicles | Mobility | Recreational Vehicle |
| F250 Pickup 4" Lift Kit                                                    |              |                                       |               |     |         |         |       |        |                    |        |                     |                                |                                     |                                                                                                                                                                                                                                                                                                                                         |                 |                               |          |                      |
| Front F250 Pickup (4x4)                                                    | 2020-2022    | 5990                                  | n/a           | Any | Any     | Any     | n/a   | Any    | n/a                | n/a    | n/a                 | No                             | FS60FS3P-L4 6000                    | 4x4 only; Front suspension with Dual Springs (Requires DS63FS2P-L4DS rear suspension). Ford camper package requires kit to change to equivalent F-350 kit (DS72FS2P).<br><b>Note: Installation of LiquidSpring suspension will disable onboard scale &amp; smart hitch functionality. OEM hitch only.</b>                               | X               |                               |          |                      |
|                                                                            |              |                                       |               |     |         |         |       |        |                    |        |                     |                                | FS60FS3P-L4E <sup>1</sup> 6000      |                                                                                                                                                                                                                                                                                                                                         | X               |                               |          |                      |
|                                                                            | 2023-Current | 5990                                  | n/a           | Any | Any     | Any     | n/a   | Any    | n/a                | n/a    | No                  | FS60FS4P-L4 6000               | X                                   |                                                                                                                                                                                                                                                                                                                                         |                 |                               |          |                      |
|                                                                            |              |                                       |               |     |         |         |       |        |                    |        |                     | FS60FS4P-L4E <sup>1</sup> 6000 | X                                   |                                                                                                                                                                                                                                                                                                                                         |                 |                               |          |                      |
| Rear F250 SRW Pickup                                                       | 2020-Current | 6340                                  | SRW Only      | Any | Any     | Any     | n/a   | Any    | Standard           | n/a    | n/a                 | No                             | DS63FS2P-L4DS 6340                  | Removes spare tire. Volumes & power module mounted behind rear axle. Ford camper package requires kit to change to equivalent F-350 kit (DS72FS2P).<br><b>Note: Installation of LiquidSpring suspension will disable onboard scale &amp; smart hitch functionality. OEM hitch only.</b><br>System is equipped with Tru-Earth Leveling™. | X               |                               |          |                      |
|                                                                            |              |                                       |               |     |         |         |       |        |                    |        |                     |                                | DS63FS2P-L4DSE <sup>1</sup> 6340    |                                                                                                                                                                                                                                                                                                                                         | X               |                               |          |                      |
| <sup>1</sup> International export models have 0 psi precharge accumulators |              |                                       |               |     |         |         |       |        |                    |        |                     |                                |                                     |                                                                                                                                                                                                                                                                                                                                         |                 |                               |          |                      |

## LiquidSpring Application Guide: Full Line, p/n D11534 Rev KY

|                                                                            |              |                                       |               |     |         |         |       |        |                    |        |                     |                   |                                     |                                                                                                                                                                               | Application     |                               |          |                      |
|----------------------------------------------------------------------------|--------------|---------------------------------------|---------------|-----|---------|---------|-------|--------|--------------------|--------|---------------------|-------------------|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------------------------|----------|----------------------|
| Model                                                                      | Model Years  | Axle GAWR (either Axle or Susp) (lbs) | Axle Model(s) | Cab | WB (in) | CA (in) | Frame | Engine | Fuel Tank Location | Brakes | OEM Susp. GAWR Type | Snow Chain Avail? | LiquidSpring Kit / Max Rating (lbs) | Comments                                                                                                                                                                      | Adventure Truck | EMS, Fire and Rescue Vehicles | Mobility | Recreational Vehicle |
| F350 Pickup Stock Height                                                   |              |                                       |               |     |         |         |       |        |                    |        |                     |                   |                                     |                                                                                                                                                                               |                 |                               |          |                      |
| Front F350 Pickup (4x4)                                                    | 2020-Current | 5990                                  | n/a           | Any | Any     | Any     | n/a   | Any    | n/a                | n/a    | n/a                 | No                | FS60FS2P 6000                       | 4x4 only; Front suspension with Dual Springs (Requires DS72FS2P-DS/-DSE/-SS or DS103FS2P-SS rear suspension)                                                                  | X               |                               |          |                      |
|                                                                            |              |                                       |               |     |         |         |       |        |                    |        |                     |                   | FS60FS2PE <sup>1</sup> 6000         | <b>Note: Installation of LiquidSpring suspension will disable onboard scale &amp; smart hitch functionality. OEM hitch only.</b>                                              | X               |                               |          |                      |
| Rear F350 SRW Pickup                                                       | 2020-Current | 7230                                  | SRW Only      | Any | Any     | Any     | n/a   | Any    | Standard           | n/a    | n/a                 | No                | DS72FS2P-DS 7230                    | Removes spare tire. Volumes & power module mounted behind rear axle. Dual Springs.                                                                                            | X               |                               |          |                      |
|                                                                            |              |                                       |               |     |         |         |       |        |                    |        |                     |                   | DS72FS2P-DSE <sup>1</sup> 7230      | <b>Note: Installation of LiquidSpring suspension will disable onboard scale &amp; smart hitch functionality. OEM hitch only.</b> System is equipped with Tru-Earth Leveling™. | X               |                               |          |                      |
|                                                                            |              |                                       |               |     |         |         |       |        |                    |        |                     |                   | DS72FS2P-SS 7230                    | Long bed required. Volumes & power module mounted under cab & bed. MY23+ requires RF bed side step to be replaced (included in kit).                                          | X               |                               |          |                      |
| Rear F350 DRW Pickup                                                       | 2020-Current | 10300                                 | DRW Only      | Any | Any     | 56      | n/a   | Any    | Standard           | n/a    | n/a                 | No                | DS103FS2P-SS 10300                  | <b>Note: Installation of LiquidSpring suspension will disable onboard scale &amp; smart hitch functionality. OEM hitch only.</b> System is equipped with Tru-Earth Leveling™. | X               |                               |          |                      |
| <sup>1</sup> International export models have 0 psi precharge accumulators |              |                                       |               |     |         |         |       |        |                    |        |                     |                   |                                     |                                                                                                                                                                               |                 |                               |          |                      |

## LiquidSpring Application Guide: Full Line, p/n D11534 Rev KY

| Application                                                    |              |                                       |               |     |         |         |       |        |                    |        |                     |                   |                                     |                                                                                                                                                                                                                                                                                                                          |                 |                               |          |                      |
|----------------------------------------------------------------|--------------|---------------------------------------|---------------|-----|---------|---------|-------|--------|--------------------|--------|---------------------|-------------------|-------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------------------------|----------|----------------------|
| Model                                                          | Model Years  | Axle GAWR (either Axle or Susp) (lbs) | Axle Model(s) | Cab | WB (in) | CA (in) | Frame | Engine | Fuel Tank Location | Brakes | OEM Susp. GAWR Type | Snow Chain Avail? | LiquidSpring Kit / Max Rating (lbs) | Comments                                                                                                                                                                                                                                                                                                                 | Adventure Truck | EMS, Fire and Rescue Vehicles | Mobility | Recreational Vehicle |
| F350 Pickup 2" Lift Kit                                        |              |                                       |               |     |         |         |       |        |                    |        |                     |                   |                                     |                                                                                                                                                                                                                                                                                                                          |                 |                               |          |                      |
| Front F350 Pickup (4x4)                                        | 2020-2022    | 5990                                  | n/a           | Any | Any     | Any     | n/a   | Any    | n/a                | n/a    | n/a                 | No                | FS60FS3P-L2 6000                    | 4x4 only; Front suspension with Dual Springs (Requires DS72FS2P-L2DS/-L2SS or DS103FS2P-L2DS/-L2SS rear suspension).                                                                                                                                                                                                     | X               |                               |          |                      |
|                                                                |              |                                       |               |     |         |         |       |        |                    |        |                     |                   | FS60FS3P-L2E <sup>1</sup> 6000      |                                                                                                                                                                                                                                                                                                                          | X               |                               |          |                      |
|                                                                | 2023-Current | 5990                                  | n/a           | Any | Any     | Any     | n/a   | Any    | n/a                | n/a    | n/a                 | No                | FS60FS4P-L2 6000                    | <b>Note: Installation of LiquidSpring suspension will disable onboard scale &amp; smart hitch functionality. OEM hitch only.</b>                                                                                                                                                                                         | X               |                               |          |                      |
|                                                                |              |                                       |               |     |         |         |       |        |                    |        |                     |                   | FS60FS4P-L2E <sup>1</sup> 6000      |                                                                                                                                                                                                                                                                                                                          | X               |                               |          |                      |
| Rear F350 SRW Pickup                                           | 2020-Current | 7230                                  | SRW Only      | Any | Any     | Any     | n/a   | Any    | Standard           | n/a    | n/a                 | No                | DS72FS2P-L2DS 7230                  | Removes spare tire. Volumes & power module mounted behind rear axle.<br><b>Note: Installation of LiquidSpring suspension will disable onboard scale &amp; smart hitch functionality. OEM hitch only.</b><br>System is equipped with Tru-Earth Leveling™.                                                                 | X               |                               |          |                      |
| Rear F350 SRW Pickup                                           | 2020-Current | 7230                                  | SRW Only      | Any | Any     | Any     | n/a   | Any    | Standard           | n/a    | n/a                 | No                | DS72FS2P-L2SS 7230                  | Long bed required. Volumes & power module mounted under cab & bed. MY23+ requires RF bed side step to be replaced (included in kit).<br><b>Note: Installation of LiquidSpring suspension will disable onboard scale &amp; smart hitch functionality. OEM hitch only.</b><br>System is equipped with Tru-Earth Leveling™. | X               |                               |          |                      |
| Rear F350 DRW Pickup                                           | 2020-Current | 10300                                 | DRW Only      | Any | Any     | Any     | n/a   | Any    | Standard           | n/a    | n/a                 | No                | DS103FS2P-L2DS 10300                | Removes spare tire. Volumes & power module mounted behind rear axle.<br><b>Note: Installation of LiquidSpring suspension will disable onboard scale &amp; smart hitch functionality. OEM hitch only.</b><br>System is equipped with Tru-Earth Leveling™.                                                                 | X               |                               |          |                      |
|                                                                |              |                                       |               |     |         |         |       |        |                    |        |                     |                   | DS103FS2P-L2DSE <sup>1</sup> 10300  |                                                                                                                                                                                                                                                                                                                          | X               |                               |          |                      |
|                                                                | 2020-Current | 10300                                 | DRW Only      | Any | Any     | 56      | n/a   | Any    | Standard           | n/a    | n/a                 | No                | DS103FS2P-L2SS 10300                | Long bed required. Volumes & power module mounted under cab & bed. MY23+ requires RF bed side step to be replaced (included in kit).<br><b>Note: Installation of LiquidSpring suspension will disable onboard scale &amp; smart hitch functionality. OEM hitch only.</b><br>System is equipped with Tru-Earth Leveling™. | X               |                               |          |                      |
| ¹International export models have 0 psi precharge accumulators |              |                                       |               |     |         |         |       |        |                    |        |                     |                   |                                     |                                                                                                                                                                                                                                                                                                                          |                 |                               |          |                      |

## LiquidSpring Application Guide: Full Line, p/n D11534 Rev KY

|                         |              |                                       |               |     |         |         |       |        |                    |        |                     |                   |                                     |                                                                                                                                                                                                                                                                                                                           | Application     |                               |          |                      |
|-------------------------|--------------|---------------------------------------|---------------|-----|---------|---------|-------|--------|--------------------|--------|---------------------|-------------------|-------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------------------------|----------|----------------------|
| Model                   | Model Years  | Axle GAWR (either Axle or Susp) (lbs) | Axle Model(s) | Cab | WB (in) | CA (in) | Frame | Engine | Fuel Tank Location | Brakes | OEM Susp. GAWR Type | Snow Chain Avail? | LiquidSpring Kit / Max Rating (lbs) | Comments                                                                                                                                                                                                                                                                                                                  | Adventure Truck | EMS, Fire and Rescue Vehicles | Mobility | Recreational Vehicle |
| F350 Pickup 4" Lift Kit |              |                                       |               |     |         |         |       |        |                    |        |                     |                   |                                     |                                                                                                                                                                                                                                                                                                                           |                 |                               |          |                      |
| Front F350 Pickup (4x4) | 2020-2022    | 5990                                  | n/a           | Any | Any     | Any     | n/a   | Any    | n/a                | n/a    | n/a                 | No                | FS60FS3P-L4 6000                    | 4x4 only; Front suspension with Dual Springs (Requires DS72FS2P-L4DS or DS103FS2P-L4DS rear suspension)<br><b>Note: Installation of LiquidSpring suspension will disable onboard scale &amp; smart hitch functionality. OEM hitch only.</b>                                                                               | X               |                               |          |                      |
|                         |              |                                       |               |     |         |         |       |        |                    |        |                     |                   | FS60FS3P-L4E <sup>1</sup> 6000      |                                                                                                                                                                                                                                                                                                                           | X               |                               |          |                      |
|                         | 2023-Current | 5990                                  | n/a           | Any | Any     | Any     | n/a   | Any    | n/a                | n/a    | n/a                 | No                | FS60FS4P-L4 6000                    | 4x4 only; Front suspension with Dual Springs (Requires DS72FS2P-L4DS or DS103FS2P-L4DS rear suspension)<br><b>Note: Installation of LiquidSpring suspension will disable onboard scale &amp; smart hitch functionality. OEM hitch only.</b>                                                                               | X               |                               |          |                      |
|                         |              |                                       |               |     |         |         |       |        |                    |        |                     |                   | FS60FS4P-L4E <sup>1</sup> 6000      |                                                                                                                                                                                                                                                                                                                           | X               |                               |          |                      |
| Rear F350 SRW Pickup    | 2020-Current | 7230                                  | SRW Only      | Any | Any     | Any     | n/a   | Any    | Standard           | n/a    | n/a                 | No                | DS72FS2P-L4DS 7230                  | Removes spare tire. Volumes & power module mounted behind rear axle. Dual Springs.<br><b>Note: Installation of LiquidSpring suspension will disable onboard scale &amp; smart hitch functionality. OEM hitch only.</b><br>System is equipped with Tru-Earth Levelling™.                                                   | X               |                               |          |                      |
|                         |              |                                       |               |     |         |         |       |        |                    |        |                     |                   | DS72FS2P-L4DSE <sup>1</sup> 7230    |                                                                                                                                                                                                                                                                                                                           | X               |                               |          |                      |
| Rear F350 DRW Pickup    | 2020-Current | 10300                                 | DRW Only      | Any | Any     | Any     | n/a   | Any    | Standard           | n/a    | n/a                 | No                | DS103FS2P-L4DS 10300                |                                                                                                                                                                                                                                                                                                                           | X               |                               |          |                      |
|                         | 2020-Current | 10300                                 | DRW Only      | Any | Any     | 56      | n/a   | Any    | Standard           | n/a    | n/a                 | No                | DS103FS2P-L4SS 10300                | Long bed required. Volumes & power module mounted under cab & bed. MY23+ requires RF bed side step to be replaced (included in kit).<br><b>Note: Installation of LiquidSpring suspension will disable onboard scale &amp; smart hitch functionality. OEM hitch only.</b><br>System is equipped with Tru-Earth Levelling™. | X               |                               |          |                      |

## LiquidSpring Application Guide: Full Line, p/n D11534 Rev KY

|                                                                            |              |                                       |               |     |                   |         |       |             |                    |        |                     |                   |                                     |                                                                                                                               | Application     |                               |          |                      |
|----------------------------------------------------------------------------|--------------|---------------------------------------|---------------|-----|-------------------|---------|-------|-------------|--------------------|--------|---------------------|-------------------|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------------------------|----------|----------------------|
| Model                                                                      | Model Years  | Axle GAWR (either Axle or Susp) (lbs) | Axle Model(s) | Cab | WB (in)           | CA (in) | Frame | Engine      | Fuel Tank Location | Brakes | OEM Susp. GAWR Type | Snow Chain Avail? | LiquidSpring Kit / Max Rating (lbs) | Comments                                                                                                                      | Adventure Truck | EMS, Fire and Rescue Vehicles | Mobility | Recreational Vehicle |
| <sup>1</sup> International export models have 0 psi precharge accumulators |              |                                       |               |     |                   |         |       |             |                    |        |                     |                   |                                     |                                                                                                                               |                 |                               |          |                      |
| F350 Cab Chassis                                                           |              |                                       |               |     |                   |         |       |             |                    |        |                     |                   |                                     |                                                                                                                               |                 |                               |          |                      |
| FRONT F350 Cab Chassis 4x4 ONLY                                            | 2020-Current | 5990                                  | Std. Track    | Any | Any               | Any     | n/a   | Any         | n/a                | n/a    | n/a                 | No                | FS60FP 6000                         | 4x4 only; Front suspension (Requires DS103F4 or DS103F4F rear suspension; DS103F4F requires <b>13205</b> -4 Hose Routing Kit) | X               | X                             | X        | X                    |
| REAR F350 4x2 Cab Chassis                                                  | 2017-Current | 10300                                 | Any           | Reg | 169               | 84      | n/a   | Any         | Mid*, Rear         | n/a    | n/a                 | No                | DS103F2 10300                       | * Mid ship fuel tank may require relocation of OEM DEF tank.                                                                  | X               | X                             |          |                      |
|                                                                            | 2017-Current | 10300                                 | Any           | Reg | 169               | 84      | n/a   | Any         | Dual               | n/a    | n/a                 | No                | DS103F2F 10300                      | Special unit for Frazer. PM mounted behind rear fuel tank.                                                                    |                 | X                             |          |                      |
| REAR F350 4x4 Cab Chassis                                                  | 2017-Current | 10300                                 | Any           | Reg | 169               | 84      | n/a   | Any         | Mid*, Rear         | n/a    | n/a                 | Yes               | DS103F4 10300                       | * Mid ship fuel tank may require relocation of OEM DEF tank.                                                                  | X               | X                             |          |                      |
|                                                                            | 2017-Current | 10300                                 | Any           | Reg | 169               | 84      | n/a   | Any         | Dual               | n/a    | n/a                 | Yes               | DS103F4F 10300                      | Special unit for Frazer. PM mounted behind rear fuel tank.                                                                    |                 | X                             |          |                      |
|                                                                            | 2017-Current | 10300                                 | Any           | Reg | 145<br>168<br>180 | 60      | n/a   | Diesel 6.7L | Mid*, Rear         | n/a    | n/a                 | Yes               | DS103F4-DS60D 10300                 | * Mid ship fuel tank may require relocation of OEM DEF tank.                                                                  | X               | X                             |          |                      |

## LiquidSpring Application Guide: Full Line, p/n D11534 Rev KY

|                                                                            |              |                                       |               |     |         |         |       |        |                    |        |                     |                                 |                                     |                                                                                                                                                                                                                                                                                                                          | Application     |                               |          |                      |
|----------------------------------------------------------------------------|--------------|---------------------------------------|---------------|-----|---------|---------|-------|--------|--------------------|--------|---------------------|---------------------------------|-------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------------------------|----------|----------------------|
| Model                                                                      | Model Years  | Axle GAWR (either Axle or Susp) (lbs) | Axle Model(s) | Cab | WB (in) | CA (in) | Frame | Engine | Fuel Tank Location | Brakes | OEM Susp. GAWR Type | Snow Chain Avail?               | LiquidSpring Kit / Max Rating (lbs) | Comments                                                                                                                                                                                                                                                                                                                 | Adventure Truck | EMS, Fire and Rescue Vehicles | Mobility | Recreational Vehicle |
| F450 Pickup Stock Height                                                   |              |                                       |               |     |         |         |       |        |                    |        |                     |                                 |                                     |                                                                                                                                                                                                                                                                                                                          |                 |                               |          |                      |
| Front F450 Pickup (4x4 or 4x2)                                             | 2020-Current | 5990                                  | n/a           | Any | Any     | Any     | n/a   | Any    | n/a                | n/a    | n/a                 | No                              | FS60FS2PW 6000                      | Front suspension with Dual Springs (Requires DS103FS2P-SS rear suspension)                                                                                                                                                                                                                                               | X               |                               |          |                      |
|                                                                            |              |                                       |               |     |         |         |       |        |                    |        |                     |                                 | FS60FS2PWE <sup>1</sup> 6000        | <b>Note: Installation of LiquidSpring suspension will disable onboard scale &amp; smart hitch functionality. OEM hitch only.</b>                                                                                                                                                                                         | X               |                               |          |                      |
| Rear F450 Pickup                                                           | 2020-Current | 10300                                 | DRW Only      | Any | Any     | 56      | n/a   | Any    | Standard           | n/a    | n/a                 | No                              | DS103FS2P-SS 10300                  | Long bed required. Volumes & power module mounted under cab & bed.MY23+ requires RF bed side step to be replaced (included in kit).<br><b>Note: Installation of LiquidSpring suspension will disable onboard scale &amp; smart hitch functionality. OEM hitch only.</b><br>System is equipped with Tru-Earth Leveling™.  | X               |                               |          |                      |
| F450 Pickup 2" Lift Kit                                                    |              |                                       |               |     |         |         |       |        |                    |        |                     |                                 |                                     |                                                                                                                                                                                                                                                                                                                          |                 |                               |          |                      |
| Front F450 Pickup (4x4 or 4x2)                                             | 2020-2022    | 5990                                  | n/a           | Any | Any     | Any     | n/a   | Any    | n/a                | n/a    | n/a                 | No                              | FS60FS3PW-L2 6000                   | Front suspension with Dual Springs (Requires DS103FS2P-L2DS/-L2SS rear suspension)<br><b>Note: Installation of LiquidSpring suspension will disable onboard scale &amp; smart hitch functionality. OEM hitch only.</b>                                                                                                   | X               |                               |          |                      |
|                                                                            |              |                                       |               |     |         |         |       |        |                    |        |                     |                                 | FS60FS3PW-L2E <sup>1</sup> 6000     |                                                                                                                                                                                                                                                                                                                          | X               |                               |          |                      |
|                                                                            | 2023-Current | 5990                                  | n/a           | Any | Any     | Any     | n/a   | Any    | n/a                | n/a    | No                  | FS60FS4PW-L2 6000               | X                                   |                                                                                                                                                                                                                                                                                                                          |                 |                               |          |                      |
|                                                                            |              |                                       |               |     |         |         |       |        |                    |        |                     | FS60FS4PW-L2E <sup>1</sup> 6000 | X                                   |                                                                                                                                                                                                                                                                                                                          |                 |                               |          |                      |
| Rear F450 DRW Pickup                                                       | 2020-Current | 10300                                 | DRW Only      | Any | Any     | Any     | n/a   | Any    | Standard           | n/a    | n/a                 | No                              | DS103FS2P-L2DS 10300                | Removes spare tire. Volumes & power module mounted behind rear axle.                                                                                                                                                                                                                                                     | X               |                               |          |                      |
|                                                                            |              |                                       |               |     |         |         |       |        |                    |        |                     |                                 | DS103FS2P-L2DSE <sup>1</sup> 10300  | <b>Note: Installation of LiquidSpring suspension will disable onboard scale &amp; smart hitch functionality. OEM hitch only.</b><br>System is equipped with Tru-Earth Leveling™.                                                                                                                                         | X               |                               |          |                      |
|                                                                            | 2020-Current | 10300                                 | DRW Only      | Any | Any     | 56      | n/a   | Any    | Standard           | n/a    | n/a                 | No                              | DS103FS2P-L2SS 10300                | Long bed required. Volumes & power module mounted under cab & bed. MY23+ requires RF bed side step to be replaced (included in kit).<br><b>Note: Installation of LiquidSpring suspension will disable onboard scale &amp; smart hitch functionality. OEM hitch only.</b><br>System is equipped with Tru-Earth Leveling™. | X               |                               |          |                      |
| <sup>1</sup> International export models have 0 psi precharge accumulators |              |                                       |               |     |         |         |       |        |                    |        |                     |                                 |                                     |                                                                                                                                                                                                                                                                                                                          |                 |                               |          |                      |

## LiquidSpring Application Guide: Full Line, p/n D11534 Rev KY

|                                                                                                                                                   |              |                                       |               |     |         |         |       |        |                    |        |                     |                   |                                     |                                                                                                                                                                                                                                                                                                                          | Application     |                               |          |                      |
|---------------------------------------------------------------------------------------------------------------------------------------------------|--------------|---------------------------------------|---------------|-----|---------|---------|-------|--------|--------------------|--------|---------------------|-------------------|-------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------------------------|----------|----------------------|
| Model                                                                                                                                             | Model Years  | Axle GAWR (either Axle or Susp) (lbs) | Axle Model(s) | Cab | WB (in) | CA (in) | Frame | Engine | Fuel Tank Location | Brakes | OEM Susp. GAWR Type | Snow Chain Avail? | LiquidSpring Kit / Max Rating (lbs) | Comments                                                                                                                                                                                                                                                                                                                 | Adventure Truck | EMS, Fire and Rescue Vehicles | Mobility | Recreational Vehicle |
| F450 Pickup 4" Lift Kit                                                                                                                           |              |                                       |               |     |         |         |       |        |                    |        |                     |                   |                                     |                                                                                                                                                                                                                                                                                                                          |                 |                               |          |                      |
| Front F450 Pickup (4x4 or 4x2)                                                                                                                    | 2020-2022    | 5990                                  | n/a           | Any | Any     | Any     | n/a   | Any    | n/a                | n/a    | n/a                 | No                | FS60FS3PW-L4 6000                   | Front suspension with Dual Springs (Requires DS103FS2P-L4DS rear suspension)<br><b>Requires dual steering stabilizer kit<sup>2</sup></b><br>Note: Installation of LiquidSpring suspension will disable onboard scale & smart hitch functionality. OEM hitch only.                                                        | X               |                               |          |                      |
|                                                                                                                                                   |              |                                       |               |     |         |         |       |        |                    |        |                     |                   | FS60FS3PW-L4E <sup>1</sup> 6000     |                                                                                                                                                                                                                                                                                                                          | X               |                               |          |                      |
|                                                                                                                                                   | 2023-Current | 5990                                  | n/a           | Any | Any     | Any     | n/a   | Any    | n/a                | n/a    | n/a                 | No                | FS60FS4PW-L4 6000                   |                                                                                                                                                                                                                                                                                                                          | X               |                               |          |                      |
|                                                                                                                                                   |              |                                       |               |     |         |         |       |        |                    |        |                     |                   | FS60FS4PW-L4E <sup>1</sup> 6000     |                                                                                                                                                                                                                                                                                                                          | X               |                               |          |                      |
| Rear F450 DRW Pickup                                                                                                                              | 2020-Current | 10300                                 | DRW Only      | Any | Any     | Any     | n/a   | Any    | Standard           | n/a    | n/a                 | No                | DS103FS2P-L4DS 10300                | Removes spare tire. Volumes & power module mounted behind rear axle<br><b>Note: Installation of LiquidSpring suspension will disable onboard scale &amp; smart hitch functionality. OEM hitch only.</b><br>System is equipped with Tru-Earth Leveling™.                                                                  | X               |                               |          |                      |
|                                                                                                                                                   | 2020-Current | 10300                                 | DRW Only      | Any | Any     | Any     | n/a   | Any    | Standard           | n/a    | n/a                 | No                | DS103FS2P-L4DSE <sup>1</sup> 10300  | <b>Empty Accumulator.</b> Removes spare tire. Volumes & power module mounted behind rear axle.<br><b>Note: Installation of LiquidSpring suspension will disable onboard scale &amp; smart hitch functionality. OEM hitch only.</b><br>System is equipped with Tru-Earth Leveling™.                                       | X               |                               |          |                      |
|                                                                                                                                                   | 2020-Current | 10300                                 | DRW Only      | Any | Any     | 56      | n/a   | Any    | Standard           | n/a    | n/a                 | No                | DS103FS2P-L4SS 10300                | Long bed required. Volumes & power module mounted under cab & bed. MY23+ requires RF bed side step to be replaced (included in kit).<br><b>Note: Installation of LiquidSpring suspension will disable onboard scale &amp; smart hitch functionality. OEM hitch only.</b><br>System is equipped with Tru-Earth Leveling™. | X               |                               |          |                      |
| <sup>1</sup> International export models have 0 psi precharge accumulators                                                                        |              |                                       |               |     |         |         |       |        |                    |        |                     |                   |                                     |                                                                                                                                                                                                                                                                                                                          |                 |                               |          |                      |
| <sup>2</sup> Recommended dual steering stabilizer kit: "RealTruck Superlift Dual Steering Stabilizer Kit with Fox 2.0 Series Shocks" (p/n: 92766) |              |                                       |               |     |         |         |       |        |                    |        |                     |                   |                                     |                                                                                                                                                                                                                                                                                                                          |                 |                               |          |                      |

## LiquidSpring Application Guide: Full Line, p/n D11534 Rev KY

| Application                                  |              |                                                |                  |                               |                                 |                              |            |            |                       |              |                           |                      |                                        |                                                                                                                                                           |                                                                                                                       |                               |          |                      |  |
|----------------------------------------------|--------------|------------------------------------------------|------------------|-------------------------------|---------------------------------|------------------------------|------------|------------|-----------------------|--------------|---------------------------|----------------------|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|-------------------------------|----------|----------------------|--|
| Model                                        | Model Years  | Axle<br>GAWR (either<br>Axle or Susp)<br>(lbs) | Axle<br>Model(s) | Cab                           | WB<br>(in)                      | CA<br>(in)                   | Frame      | Engine     | Fuel Tank<br>Location | Brakes       | OEM Susp.<br>GAWR<br>Type | Snow Chain<br>Avail? | LiquidSpring Kit<br>/ Max Rating (lbs) | Comments                                                                                                                                                  | Adventure Truck                                                                                                       | EMS, Fire and Rescue Vehicles | Mobility | Recreational Vehicle |  |
| F450 Cab Chassis Stock Height                |              |                                                |                  |                               |                                 |                              |            |            |                       |              |                           |                      |                                        |                                                                                                                                                           |                                                                                                                       |                               |          |                      |  |
| FRONT<br>F450 Cab<br>Chassis<br>(4x4 or 4x2) | 2017-Current | 7000                                           | n/a              | Reg.<br>Reg.<br>Super<br>Crew | 169<br>193<br>205<br>205        | 84<br>108<br>120<br>84<br>84 | n/a        | Any        | n/a                   | n/a          | n/a                       | No                   | FS70F<br>7000                          | Front Suspension (requires DS112FS4-A or DS147FS4-A/-AF/-ANY Rear)<br><b>Note: Pre-4X conversion kit p/n: 11547</b>                                       | X                                                                                                                     | X                             | X        | X                    |  |
|                                              | 2017-Current | 7000                                           | n/a              | Reg.<br>Reg.<br>Super<br>Crew | 169<br>193<br>205<br>205        | 84<br>108<br>120<br>84<br>84 | n/a        | Any        | n/a                   | n/a          | n/a                       | No                   | FS70FF<br>7000                         | Front Suspension (requires DS112FS4-A or DS147FS4-A/-AF/-ANY Rear)<br><b>Note: Pre-4X conversion kit p/n: 11547</b>                                       |                                                                                                                       | X                             |          |                      |  |
| REAR F450<br>Cab Chassis<br>(4x4 or 4x2)     | 2017-Current | 12880                                          | n/a              | Reg.                          | 169                             | 84                           | n/a        | Gas Diesel | Any Rear              | n/a          | n/a                       | Yes                  | DS112FS4-A<br>11200                    | <b>Note: 2017 models require steering sensor kit p/n: 11520</b><br>Power module: Between framerails under back of cab.<br>Volumes: Along frame behind cab | X                                                                                                                     | X                             |          |                      |  |
|                                              |              |                                                |                  | Reg.                          | 193                             | 108                          | n/a        | Gas Diesel | Any Rear              |              |                           |                      |                                        |                                                                                                                                                           |                                                                                                                       |                               |          |                      |  |
|                                              |              |                                                |                  | Reg.                          | 205                             | 120                          | n/a        | Any        | Any                   |              |                           |                      |                                        |                                                                                                                                                           |                                                                                                                       |                               |          |                      |  |
|                                              |              |                                                |                  | Reg.                          | 169                             | 84                           | n/a        | Gas Diesel | Any Rear              |              |                           |                      |                                        |                                                                                                                                                           |                                                                                                                       |                               |          |                      |  |
|                                              |              |                                                |                  | Reg.                          | 193                             | 108                          | n/a        | Gas Diesel | Any Rear              |              |                           |                      | DS147FS4-A<br>14706                    | <b>Note: 2017 models require steering sensor kit p/n: 11520</b><br>Power module: Between framerails under back of cab.<br>Volumes: Along frame behind cab |                                                                                                                       |                               |          |                      |  |
|                                              |              |                                                |                  | Reg.                          | 205                             | 120                          | n/a        | Any        | Any                   |              |                           |                      |                                        |                                                                                                                                                           |                                                                                                                       |                               |          |                      |  |
|                                              |              |                                                |                  | Super                         | 192                             | 84                           | n/a        | Gas Diesel | Any Rear              |              |                           |                      |                                        |                                                                                                                                                           |                                                                                                                       |                               |          |                      |  |
|                                              |              |                                                |                  | Crew                          | 205                             | 84                           | n/a        | Gas Diesel | Any Rear              |              |                           |                      |                                        |                                                                                                                                                           |                                                                                                                       |                               |          |                      |  |
|                                              |              |                                                |                  |                               | Reg.<br>Reg.                    | 145<br>169<br>193            | 60+<br>60+ | n/a<br>n/a | Diesel<br>Gas         | Rear<br>Rear | n/a                       | n/a                  | Yes                                    | DS147FS4-DS60D<br>14706                                                                                                                                   | <b>Note: 2017 models require steering sensor kit p/n: 11520</b><br>Power Module: Between framerails under back of cab | X                             |          |                      |  |
|                                              |              |                                                |                  |                               | Reg.<br>Reg.                    | 145<br>169<br>193            | 60+<br>60+ | n/a<br>n/a | Gas                   | Rear         |                           |                      |                                        | DS147FS4-DS60G<br>14706                                                                                                                                   | <b>Note: 2017 models require steering sensor kit p/n: 11520</b><br>Power Module: Between framerails under back of cab | X                             |          |                      |  |
|                                              | 2011-2016    | 12000                                          | n/a              | Reg.<br>Reg.<br>Reg.          | 165<br>189<br>201               | 84<br>108<br>120             | n/a        | Any        | Mid*, Rear            | n/a          | n/a                       | Yes                  | DS137FS2<br>13660                      | * Mid ship fuel tank may require relocation of OEM DEF tank on 84" and 108" CA vehicles.                                                                  | X                                                                                                                     | X                             |          |                      |  |
|                                              | 2008-2010    | 12000                                          | n/a              | Reg.<br>Reg.<br>Super<br>Crew | 165<br>189<br>201<br>186<br>200 | 84<br>108<br>120<br>84<br>84 | n/a        | Any        | Mid*, Rear            | n/a          | n/a                       | Yes                  | DS137FS2-10<br>13660                   | * Mid ship fuel tank may require relocation of OEM DEF tank on 84" and 108" CA vehicles.                                                                  | X                                                                                                                     | X                             |          |                      |  |

## LiquidSpring Application Guide: Full Line, p/n D11534 Rev KY

|                                     |              |                                       |               |                      |                     |         |       |        |                    |        |                     |                   |                                     |                                                                                                                                                                                                                           | Application     |                               |          |                      |
|-------------------------------------|--------------|---------------------------------------|---------------|----------------------|---------------------|---------|-------|--------|--------------------|--------|---------------------|-------------------|-------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------------------------|----------|----------------------|
| Model                               | Model Years  | Axle GAWR (either Axle or Susp) (lbs) | Axle Model(s) | Cab                  | WB (in)             | CA (in) | Frame | Engine | Fuel Tank Location | Brakes | OEM Susp. GAWR Type | Snow Chain Avail? | LiquidSpring Kit / Max Rating (lbs) | Comments                                                                                                                                                                                                                  | Adventure Truck | EMS, Fire and Rescue Vehicles | Mobility | Recreational Vehicle |
| F550 Cab Chassis Stock Height       |              |                                       |               |                      |                     |         |       |        |                    |        |                     |                   |                                     |                                                                                                                                                                                                                           |                 |                               |          |                      |
| FRONT F550 Cab Chassis (4x4 or 4x2) | 2017-Current | 7000                                  | n/a           | Reg. Reg. Super Crew | 169 193 205 192 205 | 84+     | n/a   | Any    | n/a                | n/a    | n/a                 | No                | FS70F 7000                          | Front Suspension (requires DS112FS4-A or DS147FS4-A/-AF/-ANY or DS155FS4 Rear)<br><b>Note: Pre-4X conversion kit p/n: 11547</b>                                                                                           | X               | X                             | X        | X                    |
|                                     | 2017-Current | 7000                                  | n/a           | Reg. Reg. Super Crew | 169 193 205 192 205 | 84+     | n/a   | Any    | n/a                | n/a    | n/a                 | No                | FS70FF 7000                         | Front Suspension (requires DS112FS4-A or DS147FS4-A/-AF/-ANY or DS155FS4 Rear)<br><b>Note: Pre-4X conversion kit p/n: 11547</b>                                                                                           |                 | X                             |          |                      |
|                                     | 2017-Current | 7500                                  | n/a           | Reg. Reg. Super Crew | 169 193 205 192 205 | 84+     | n/a   | Any    | n/a                | n/a    | n/a                 | No                | FS75F 7500                          | Front Suspension (requires DS112FS4-A or DS147FS4-A/-AF/-ANY or DS155FS4 Rear)<br><b>Note: Pre-4X conversion kit p/n: 11547</b>                                                                                           | X               | X                             | X        | X                    |
|                                     | 2017-Current | 7500                                  | n/a           | Reg. Reg. Super Crew | 169 193 205 192 205 | 84+     | n/a   | Any    | n/a                | n/a    | n/a                 | No                | FS75FTE 7500                        | Front Suspension (requires DS147FS4-L2SSTE/-L4SSTE or DS155FS4-L2SSTE/-L4SSTE Rear)<br><b>Note: Pre-4X conversion kit p/n: 11547</b><br>System is equipped with Tru-Earth Leveling™.                                      |                 |                               |          | X                    |
|                                     | 2017-Current | 7500                                  | n/a           | Reg. Reg. Super Crew | 169 193 205 192 205 | 84+     | n/a   | Any    | n/a                | n/a    | n/a                 | No                | FS75FS2-MTE 7500                    | Front Suspension (requires DS155FS4-L2MTE/-L4MTE, DS155FS4-L2RTE/-L4RTE, or DS155FS4-L2DRTE/L4DRTE/-L2GDTE/-L4GDTE Rear)<br><b>Note: Pre-4X conversion kit p/n: 11547</b><br>System is equipped with Tru-Earth Leveling™. |                 |                               |          | X                    |

## LiquidSpring Application Guide: Full Line, p/n D11534 Rev KY

| Application                                           |                                              |                                                |                  |                                       |                                              |                                  |                                       |                                              |                                  |        |                           |                      |                                        |                                                                                                                                                         |                 |                                  |          |                      |                      |                                                                                                                                         |     |     |                   |                                                                                             |   |   |   |   |
|-------------------------------------------------------|----------------------------------------------|------------------------------------------------|------------------|---------------------------------------|----------------------------------------------|----------------------------------|---------------------------------------|----------------------------------------------|----------------------------------|--------|---------------------------|----------------------|----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|----------------------------------|----------|----------------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-------------------|---------------------------------------------------------------------------------------------|---|---|---|---|
| Model                                                 | Model Years                                  | Axle<br>GAWR (either<br>Axle or Susp)<br>(lbs) | Axle<br>Model(s) | Cab                                   | WB<br>(in)                                   | CA<br>(in)                       | Frame                                 | Engine                                       | Fuel Tank<br>Location            | Brakes | OEM Susp.<br>GAWR<br>Type | Snow Chain<br>Avail? | LiquidSpring Kit<br>/ Max Rating (lbs) | Comments                                                                                                                                                | Adventure Truck | EMS,<br>Fire and Rescue Vehicles | Mobility | Recreational Vehicle |                      |                                                                                                                                         |     |     |                   |                                                                                             |   |   |   |   |
| REAR F550<br>Cab Chassis<br>17500 GVW<br>(4x4 or 4x2) | 2017-Current                                 | 13660                                          | n/a              | Reg                                   | 169                                          | 84                               | n/a                                   | Gas                                          | Any                              | n/a    | n/a                       | Yes                  | DS112FS4-A<br>11200                    | Note: 2017 models require steering sensor kit p/n:<br>11520<br>Power module: Inside frame behind cab<br>Volumes: Along frame behind cab                 | X               | X                                |          |                      |                      |                                                                                                                                         |     |     |                   |                                                                                             |   |   |   |   |
|                                                       |                                              |                                                |                  |                                       | Diesel                                       | Rear                             |                                       |                                              |                                  |        |                           |                      |                                        |                                                                                                                                                         |                 |                                  |          |                      |                      |                                                                                                                                         |     |     |                   |                                                                                             |   |   |   |   |
|                                                       |                                              |                                                |                  | Reg                                   | 193                                          | 108                              | n/a                                   | Gas                                          | Any                              |        |                           |                      |                                        |                                                                                                                                                         |                 |                                  |          |                      | DS147FS4-A<br>14706  | Note: 2017 models require steering sensor kit p/n:<br>11520<br>Power module: Inside frame behind cab<br>Volumes: Along frame behind cab |     |     |                   |                                                                                             |   |   |   |   |
|                                                       |                                              |                                                |                  |                                       | Diesel                                       | Rear                             |                                       |                                              |                                  |        |                           |                      |                                        |                                                                                                                                                         |                 |                                  |          |                      |                      |                                                                                                                                         |     |     |                   |                                                                                             |   |   |   |   |
|                                                       |                                              |                                                |                  | Reg                                   | 205                                          | 120                              | n/a                                   | Any                                          | Any                              |        |                           |                      |                                        |                                                                                                                                                         |                 |                                  |          |                      | DS147FS4-AF<br>14706 | Note: 2017 models require steering sensor kit p/n:<br>11520<br>Power module: Behind rear fuel tank<br>Volumes: Along frame behind cab   |     |     |                   |                                                                                             |   |   |   |   |
|                                                       |                                              |                                                |                  |                                       | Diesel                                       | Rear                             |                                       |                                              |                                  |        |                           |                      |                                        |                                                                                                                                                         |                 |                                  |          |                      |                      |                                                                                                                                         |     |     |                   |                                                                                             |   |   |   |   |
|                                                       |                                              |                                                |                  | Reg                                   | 169                                          | 84                               | n/a                                   | Gas                                          | Any                              |        |                           |                      | DS147FS4-ANY<br>14706                  | Note: 2017 models require steering sensor kit p/n:<br>11520<br>Power module: Behind rear fuel tank<br>Volumes: Between frame rails, behind front hanger |                 |                                  |          |                      |                      |                                                                                                                                         |     |     |                   |                                                                                             |   |   |   |   |
|                                                       |                                              |                                                |                  |                                       | Diesel                                       | Rear                             |                                       |                                              |                                  |        |                           |                      |                                        |                                                                                                                                                         |                 |                                  |          |                      |                      |                                                                                                                                         |     |     |                   |                                                                                             |   |   |   |   |
|                                                       |                                              |                                                |                  | Reg                                   | 193                                          | 108                              | n/a                                   | Any                                          | Any                              |        |                           |                      | DS147FS4-DS60D<br>14706                | Note: 2017 models require steering sensor kit p/n:<br>11520<br>Power Module: Between framerails under back of cab                                       |                 |                                  |          |                      |                      |                                                                                                                                         |     |     |                   |                                                                                             |   |   |   |   |
|                                                       |                                              |                                                |                  |                                       | Diesel                                       | Rear                             |                                       |                                              |                                  |        |                           |                      |                                        |                                                                                                                                                         |                 |                                  |          |                      |                      |                                                                                                                                         |     |     |                   |                                                                                             |   |   |   |   |
|                                                       |                                              |                                                |                  | Reg                                   | 205                                          | 120                              | n/a                                   | Any                                          | Any                              |        |                           |                      | DS147FS4-DS60G<br>14706                | Note: 2017 models require steering sensor kit p/n:<br>11520<br>Power Module: Between framerails under back of cab                                       |                 |                                  |          |                      |                      |                                                                                                                                         |     |     |                   |                                                                                             |   |   |   |   |
|                                                       |                                              |                                                |                  |                                       | Any                                          | Any                              |                                       |                                              |                                  |        |                           |                      |                                        |                                                                                                                                                         |                 |                                  |          |                      |                      |                                                                                                                                         |     |     |                   |                                                                                             |   |   |   |   |
|                                                       |                                              |                                                |                  | Super                                 | 192                                          | 84                               | n/a                                   | Gas                                          | Any                              |        |                           |                      | DS137FS2<br>13660                      | * Mid ship fuel tank may require relocation of OEM<br>DEF tank on 84" and 108" CA vehicles.                                                             |                 |                                  |          |                      |                      |                                                                                                                                         |     |     |                   |                                                                                             |   |   |   |   |
|                                                       |                                              |                                                |                  |                                       | Diesel                                       | Rear                             |                                       |                                              |                                  |        |                           |                      |                                        |                                                                                                                                                         |                 |                                  |          |                      |                      |                                                                                                                                         |     |     |                   |                                                                                             |   |   |   |   |
|                                                       |                                              |                                                |                  | Crew                                  | 205                                          | 84                               | n/a                                   | Gas                                          | Any                              |        |                           |                      | DS137FS2-10<br>13660                   | * Mid ship fuel tank may require relocation of OEM<br>DEF tank on 84" and 108" CA vehicles.                                                             |                 |                                  |          |                      |                      |                                                                                                                                         |     |     |                   |                                                                                             |   |   |   |   |
|                                                       |                                              |                                                |                  |                                       | Diesel                                       | Rear                             |                                       |                                              |                                  |        |                           |                      |                                        |                                                                                                                                                         |                 |                                  |          |                      |                      |                                                                                                                                         |     |     |                   |                                                                                             |   |   |   |   |
|                                                       |                                              |                                                |                  | 2011-2016                             | 13660                                        | n/a                              | Reg.<br>Reg.<br>Reg.<br>Super<br>Crew | 165,<br>189,<br>201<br>Reg.<br>Super<br>Crew | 84,<br>108,<br>120,<br>84,<br>84 |        |                           |                      | n/a                                    | Any                                                                                                                                                     |                 |                                  |          |                      | Mid*, Rear           | n/a                                                                                                                                     | n/a | Yes | DS137FS2<br>13660 | * Mid ship fuel tank may require relocation of OEM<br>DEF tank on 84" and 108" CA vehicles. | X | X | X | X |
|                                                       |                                              |                                                |                  |                                       |                                              |                                  |                                       | 186,<br>200                                  | 84                               |        |                           |                      |                                        |                                                                                                                                                         |                 |                                  |          |                      |                      |                                                                                                                                         |     |     |                   |                                                                                             |   |   |   |   |
|                                                       | 165,<br>189,<br>201<br>Reg.<br>Super<br>Crew | 84,<br>108,<br>120,<br>84,<br>84               |                  |                                       |                                              |                                  |                                       |                                              |                                  |        |                           |                      |                                        |                                                                                                                                                         |                 |                                  |          |                      |                      |                                                                                                                                         |     |     |                   |                                                                                             |   |   |   |   |
|                                                       | 186,<br>200                                  | 84                                             |                  |                                       |                                              |                                  |                                       |                                              |                                  |        |                           |                      |                                        |                                                                                                                                                         |                 |                                  |          |                      |                      |                                                                                                                                         |     |     |                   |                                                                                             |   |   |   |   |
|                                                       | 165,<br>189,<br>201<br>Reg.<br>Super<br>Crew | 84,<br>108,<br>120,<br>84,<br>84               |                  |                                       |                                              |                                  |                                       |                                              |                                  |        |                           |                      |                                        |                                                                                                                                                         |                 |                                  |          |                      |                      |                                                                                                                                         |     |     |                   |                                                                                             |   |   |   |   |
|                                                       | 186,<br>200                                  | 84                                             |                  |                                       |                                              |                                  |                                       |                                              |                                  |        |                           |                      |                                        |                                                                                                                                                         |                 |                                  |          |                      |                      |                                                                                                                                         |     |     |                   |                                                                                             |   |   |   |   |
|                                                       | 2008-2010                                    | 13660                                          | n/a              | Reg.<br>Reg.<br>Reg.<br>Super<br>Crew | 165,<br>189,<br>201<br>Reg.<br>Super<br>Crew | 84,<br>108,<br>120,<br>84,<br>84 | n/a                                   | Any                                          | Mid*, Rear                       | n/a    | n/a                       | Yes                  | DS137FS2-10<br>13660                   | * Mid ship fuel tank may require relocation of OEM<br>DEF tank on 84" and 108" CA vehicles.                                                             | X               | X                                | X        |                      |                      |                                                                                                                                         |     |     |                   |                                                                                             |   |   |   |   |
|                                                       |                                              |                                                |                  |                                       | 186,<br>200                                  | 84                               |                                       |                                              |                                  |        |                           |                      |                                        |                                                                                                                                                         |                 |                                  |          |                      |                      |                                                                                                                                         |     |     |                   |                                                                                             |   |   |   |   |
| 165,<br>189,<br>201<br>Reg.<br>Super<br>Crew          |                                              |                                                |                  |                                       | 84,<br>108,<br>120,<br>84,<br>84             |                                  |                                       |                                              |                                  |        |                           |                      |                                        |                                                                                                                                                         |                 |                                  |          |                      |                      |                                                                                                                                         |     |     |                   |                                                                                             |   |   |   |   |
| 186,<br>200                                           |                                              |                                                |                  |                                       | 84                                           |                                  |                                       |                                              |                                  |        |                           |                      |                                        |                                                                                                                                                         |                 |                                  |          |                      |                      |                                                                                                                                         |     |     |                   |                                                                                             |   |   |   |   |
| 165,<br>189,<br>201<br>Reg.<br>Super<br>Crew          |                                              |                                                |                  |                                       | 84,<br>108,<br>120,<br>84,<br>84             |                                  |                                       |                                              |                                  |        |                           |                      |                                        |                                                                                                                                                         |                 |                                  |          |                      |                      |                                                                                                                                         |     |     |                   |                                                                                             |   |   |   |   |
| 186,<br>200                                           |                                              |                                                |                  |                                       | 84                                           |                                  |                                       |                                              |                                  |        |                           |                      |                                        |                                                                                                                                                         |                 |                                  |          |                      |                      |                                                                                                                                         |     |     |                   |                                                                                             |   |   |   |   |

## LiquidSpring Application Guide: Full Line, p/n D11534 Rev KY

| Application                                  |              |                                       |               |        |         |         |       |        |                    |        |                     |                   |                                     |                                                                                                                                                                                                          |                 |                               |          |                      |  |   |   |
|----------------------------------------------|--------------|---------------------------------------|---------------|--------|---------|---------|-------|--------|--------------------|--------|---------------------|-------------------|-------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------------------------|----------|----------------------|--|---|---|
| Model                                        | Model Years  | Axle GAWR (either Axle or Susp) (lbs) | Axle Model(s) | Cab    | WB (in) | CA (in) | Frame | Engine | Fuel Tank Location | Brakes | OEM Susp. GAWR Type | Snow Chain Avail? | LiquidSpring Kit / Max Rating (lbs) | Comments                                                                                                                                                                                                 | Adventure Truck | EMS, Fire and Rescue Vehicles | Mobility | Recreational Vehicle |  |   |   |
| REAR F550 Cab Chassis 19500 GVW (4x4 or 4x2) | 2017-Current | 14706                                 | n/a           | Reg.   | 169     | 84      | n/a   | Gas    | Any                | n/a    | n/a                 | Yes               | DS112FS4-A 11200                    | Note: 2017 models require steering sensor kit p/n: 11520<br>Power module: Inside frame behind cab<br>Volumes: Along frame behind cab                                                                     | X               |                               |          |                      |  |   |   |
|                                              |              |                                       |               |        | Diesel  | Rear    |       |        |                    |        |                     |                   |                                     |                                                                                                                                                                                                          |                 |                               |          |                      |  |   |   |
|                                              |              |                                       |               | Reg.   | 193     | 108     | n/a   | Gas    | Any                |        |                     |                   |                                     |                                                                                                                                                                                                          |                 |                               |          |                      |  |   |   |
|                                              |              |                                       |               |        | Diesel  | Rear    |       |        |                    |        |                     |                   |                                     |                                                                                                                                                                                                          |                 |                               |          |                      |  |   |   |
|                                              |              |                                       |               | Reg.   | 205     | 120     | n/a   | Any    | Any                |        |                     |                   |                                     |                                                                                                                                                                                                          |                 |                               |          |                      |  |   |   |
|                                              |              |                                       |               |        | Gas     | Any     |       |        |                    |        |                     |                   |                                     |                                                                                                                                                                                                          |                 |                               |          |                      |  |   |   |
|                                              |              |                                       |               | Reg.   | 169     | 84      | n/a   | Gas    | Any                |        |                     |                   |                                     |                                                                                                                                                                                                          |                 |                               |          |                      |  |   |   |
|                                              |              |                                       |               |        | Diesel  | Rear    |       |        |                    |        |                     |                   |                                     |                                                                                                                                                                                                          |                 |                               |          |                      |  |   |   |
|                                              |              |                                       |               | Reg.   | 193     | 108     | n/a   | Gas    | Any                |        |                     |                   |                                     |                                                                                                                                                                                                          |                 |                               |          |                      |  |   |   |
|                                              |              |                                       |               |        | Diesel  | Rear    |       |        |                    |        |                     |                   |                                     |                                                                                                                                                                                                          |                 |                               |          |                      |  |   |   |
|                                              |              |                                       |               | Reg.   | 205     | 120     | n/a   | Any    | Any                |        |                     |                   |                                     |                                                                                                                                                                                                          |                 |                               |          |                      |  |   |   |
|                                              |              |                                       |               |        | Gas     | Any     |       |        |                    |        |                     |                   |                                     |                                                                                                                                                                                                          |                 |                               |          |                      |  |   |   |
|                                              |              |                                       |               | Super  | 192     | 84      | n/a   | Gas    | Any                |        |                     |                   |                                     |                                                                                                                                                                                                          |                 |                               |          |                      |  |   |   |
|                                              |              |                                       |               |        | Diesel  | Rear    |       |        |                    |        |                     |                   |                                     |                                                                                                                                                                                                          |                 |                               |          |                      |  |   |   |
|                                              |              |                                       |               | Crew   | 205     | 84      | n/a   | Gas    | Any                |        |                     |                   |                                     |                                                                                                                                                                                                          |                 |                               |          |                      |  |   |   |
|                                              |              |                                       |               |        | Diesel  | Rear    |       |        |                    |        |                     |                   |                                     |                                                                                                                                                                                                          |                 |                               |          |                      |  |   |   |
|                                              |              |                                       |               | Reg.   | 169     | 84      | n/a   | Diesel | Rear               | n/a    | n/a                 | Yes               | DS147FS4-ANY 14706                  | Note: 2017 models require steering sensor kit p/n: 11520<br>Power module: Behind rear fuel tank<br>Volumes: Between frame rails, behind front hanger                                                     |                 |                               |          |                      |  |   |   |
|                                              |              |                                       |               |        | Reg.    | 193     |       |        |                    |        |                     |                   |                                     |                                                                                                                                                                                                          |                 |                               |          | 108                  |  |   |   |
|                                              |              |                                       |               | Reg.   | 205     | 120     |       |        |                    |        |                     |                   |                                     |                                                                                                                                                                                                          |                 |                               |          |                      |  |   |   |
|                                              |              |                                       |               | Super  | 192     | 84      |       |        |                    |        |                     |                   |                                     |                                                                                                                                                                                                          |                 |                               |          |                      |  |   |   |
|                                              |              |                                       |               | Crew   | 205     | 84      |       |        |                    |        |                     |                   |                                     |                                                                                                                                                                                                          |                 |                               |          |                      |  |   |   |
|                                              |              |                                       |               | Super  | 192     | 84      | n/a   | Diesel | Rear               | n/a    | n/a                 | Yes               | DS147FS4-ANYBA 14706                | Note: 2017 models require steering sensor kit p/n:11520<br>Kit was created for the Bariatric Unit.<br>Power module: Under cab inside of frame rail.<br>Volumes: Between frame rail, behind front hanger. |                 |                               |          | X                    |  |   |   |
|                                              |              |                                       |               | Reg.   | 169     | 84      | n/a   | n/a    | n/a                | n/a    | n/a                 | Yes               | DS155FS4 15500                      | Note: 2017 models require steering sensor kit p/n: 11520<br>Power module: Inside frame behind cab<br>Volumes: Along frame behind cab                                                                     |                 |                               |          | X                    |  | X | X |
|                                              |              |                                       |               |        | Diesel  | Rear    |       |        |                    |        |                     |                   |                                     |                                                                                                                                                                                                          |                 |                               |          |                      |  |   |   |
| Reg.                                         | 193          | 108                                   | n/a           | Gas    | Any     |         |       |        |                    |        |                     |                   |                                     |                                                                                                                                                                                                          |                 |                               |          |                      |  |   |   |
|                                              | Diesel       | Rear                                  |               |        |         |         |       |        |                    |        |                     |                   |                                     |                                                                                                                                                                                                          |                 |                               |          |                      |  |   |   |
| Reg.                                         | 205          | 120                                   | n/a           | Any    | Any     |         |       |        |                    |        |                     |                   |                                     |                                                                                                                                                                                                          |                 |                               |          |                      |  |   |   |
|                                              | Gas          | Any                                   |               |        |         |         |       |        |                    |        |                     |                   |                                     |                                                                                                                                                                                                          |                 |                               |          |                      |  |   |   |
| Super                                        | 192          | 84                                    | n/a           | Diesel | Rear    |         |       |        |                    |        |                     |                   |                                     |                                                                                                                                                                                                          |                 |                               |          |                      |  |   |   |
|                                              | Gas          | Any                                   |               |        |         |         |       |        |                    |        |                     |                   |                                     |                                                                                                                                                                                                          |                 |                               |          |                      |  |   |   |
| Crew                                         | 205          | 84                                    | n/a           | Diesel | Rear    |         |       |        |                    |        |                     |                   |                                     |                                                                                                                                                                                                          |                 |                               |          |                      |  |   |   |
|                                              | Gas          | Any                                   |               |        |         |         |       |        |                    |        |                     |                   |                                     |                                                                                                                                                                                                          |                 |                               |          |                      |  |   |   |

## LiquidSpring Application Guide: Full Line, p/n D11534 Rev KY

| Model                                        | Model Years  | Axle GAWR (either Axle or Susp) (lbs) | Axle Model(s) | Cab                             | WB (in)                         | CA (in)      | Frame | Engine | Fuel Tank Location | Brakes | OEM Susp. GAWR Type | Snow Chain Avail? | LiquidSpring Kit / Max Rating (lbs) | Comments                                                                                                                                                                                                                                          | Application     |                               |          |                      |
|----------------------------------------------|--------------|---------------------------------------|---------------|---------------------------------|---------------------------------|--------------|-------|--------|--------------------|--------|---------------------|-------------------|-------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------------------------|----------|----------------------|
|                                              |              |                                       |               |                                 |                                 |              |       |        |                    |        |                     |                   |                                     |                                                                                                                                                                                                                                                   | Adventure Truck | EMS, Fire and Rescue Vehicles | Mobility | Recreational Vehicle |
| REAR F550 Cab Chassis 19500 GVW (4x4 or 4x2) | 2017-Current | 14,706                                | n/a           | Reg. Super Crew                 | 205-257                         | n/a          | n/a   | Any    | Mid, Rear          | n/a    | n/a                 | Yes               | DS147FS4-B 14706                    | <b>Note: 2017 models require steering sensor kit p/n: 11520</b><br>Kit created to accommodate bus chassis that have a wheelbase stretched between 205-257"                                                                                        |                 |                               | X        |                      |
|                                              |              |                                       |               | Reg. Reg. Reg. Super Super Crew | 145 169 193 205 168 192 180 205 | 60+          | n/a   | Diesel | Rear               | n/a    | n/a                 | Yes               | DS147FS4-DS60D 14706                | <b>Note: 2017 models require steering sensor kit p/n: 11520</b><br>Power Module: Between framersails under back of cab<br>Volumes: Between framersails, behind front hanger<br>Ford DEF relocation kit is required. Refer to SVE Bulletin Q-267R4 | X               |                               |          |                      |
| REAR F550 Cab Chassis 19500 GVW (4x4 or 4x2) | 2017-Current | 14706                                 | n/a           | Reg. Reg. Reg. Super Super Crew | 145 169 193 205 168 192 180 205 | 60+          | n/a   | Gas    | Rear               | n/a    | n/a                 | Yes               | DS147FS4-DS60G 14706                | <b>Note: 2017 models require steering sensor kit p/n: 11520</b><br>Power Module: Between framersails under back of cab<br>Volumes: Between framersails, behind front hanger<br>Ford DEF relocation kit is required. Refer to SVE Bulletin Q-267R4 | X               |                               |          |                      |
|                                              |              |                                       |               | Crew                            | 180                             | 60           | n/a   | Gas    | Rear               | n/a    | n/a                 | Yes               | DS147FS4-P 14706                    | <b>Note: 2017 models require steering sensor kit p/n: 11520</b><br>Patriot3 specific kit. Power Module: Between framersails under back of cab<br>Volumes: Between framersails, behind front hanger                                                | X               |                               |          |                      |
|                                              | 2011-2016    | 14706                                 | n/a           | Reg. Reg. Reg.                  | 165, 189, 201                   | 84, 108, 120 | n/a   | Any    | Mid*, Rear         | n/a    | n/a                 | Yes               | DS147FS2 14704                      | * Mid ship fuel tank may require relocation of OEM DEF tank on 84" and 108" CA vehicles.                                                                                                                                                          | X               | X                             | X        | X                    |
|                                              | 2011-2016    | 14706                                 | n/a           | Reg.                            | 189                             | 108          | n/a   | Any    | Rear               | n/a    | n/a                 | Yes               | DS147FS2-NY 14704                   | Kit created to work with FDNY ambulance (with Telma Retarder). Volumes are double stacked inside frame on LH side. PM located behind rear fuel tank.                                                                                              |                 | X                             |          |                      |

## LiquidSpring Application Guide: Full Line, p/n D11534 Rev KY

|                                     |              |                                       |               |                      |                         |         |       |        |                    |        |                     |                   |                                     |                                                                                                                                                                                                            |                 | Application                   |          |                      |  |
|-------------------------------------|--------------|---------------------------------------|---------------|----------------------|-------------------------|---------|-------|--------|--------------------|--------|---------------------|-------------------|-------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------------------------|----------|----------------------|--|
| Model                               | Model Years  | Axle GAWR (either Axle or Susp) (lbs) | Axle Model(s) | Cab                  | WB (in)                 | CA (in) | Frame | Engine | Fuel Tank Location | Brakes | OEM Susp. GAWR Type | Snow Chain Avail? | LiquidSpring Kit / Max Rating (lbs) | Comments                                                                                                                                                                                                   | Adventure Truck | EMS, Fire and Rescue Vehicles | Mobility | Recreational Vehicle |  |
| F600 Cab Chassis Stock Height       |              |                                       |               |                      |                         |         |       |        |                    |        |                     |                   |                                     |                                                                                                                                                                                                            |                 |                               |          |                      |  |
| FRONT F600 Cab Chassis (4x4 or 4x2) | 2017-Current | 7500                                  | n/a           | Reg. Reg. Super Crew | 169, 193, 205, 192, 205 | 84+     | n/a   | Any    | n/a                | n/a    | n/a                 | No                | FS70F 7000                          | <b>Note: Front suspension derates from 7500 to 7000 lbs</b><br>Requires Rear DS155FS4 kit                                                                                                                  | X               |                               | X        | X                    |  |
|                                     | 2017-Current | 7500                                  | n/a           | Reg. Reg. Super Crew | 169, 193, 205, 192, 205 | 84+     | n/a   | Any    | n/a                | n/a    | n/a                 | No                | FS70FF 7000                         | <b>Note: Front suspension derates from 7500 to 7000 lbs</b><br>Requires Rear DS155FS4-F kit                                                                                                                | X               |                               | X        | X                    |  |
|                                     | 2017-Current | 7500                                  | n/a           | Reg. Reg. Super Crew | 169, 193, 205, 192, 205 | 84+     | n/a   | Any    | n/a                | n/a    | n/a                 | No                | FS75F 7500                          | Requires Rear DS155FS4-F kit                                                                                                                                                                               | X               |                               | X        | X                    |  |
|                                     | 2017-Current | 7500                                  | n/a           | Reg. Reg. Super Crew | 169, 193, 205, 192, 205 | 84+     | n/a   | Any    | n/a                | n/a    | n/a                 | No                | FS75FTE 7500                        | Front Suspension (requires DS147FS4-L2SSTE/-L4SSTE or DS155FS4-L2SSTE/-L4SSTE Rear)<br>System is equipped with Tru-Earth Leveling™.                                                                        |                 |                               |          | X                    |  |
|                                     | 2017-Current | 7500                                  | n/a           | Reg.                 | 244                     | 84+     | n/a   | Any    | n/a                | n/a    | n/a                 | No                | FS75FS2-DDTE 7500                   | Front Suspension (requires DS155FS4-L2DTE/-L4DTE Rear).<br>Volumes double stacked under cab on driver side.<br>System is equipped with Tru-Earth Leveling™.                                                |                 |                               |          | X                    |  |
|                                     |              |                                       |               |                      |                         |         |       |        |                    |        |                     |                   | FS75FS2-DPTE 7500                   | Front Suspension (requires DS155FS4-L2DTE/-L4DTE Rear).<br>Volumes double stacked under step on passenger side.<br>System is equipped with Tru-Earth Leveling™.                                            |                 |                               |          | X                    |  |
|                                     | 2017-Current | 7500                                  | n/a           | Reg. Reg. Super Crew | 169 193 205 192 205     | 84+     | n/a   | Any    | n/a                | n/a    | n/a                 | No                | FS75FS2-MTE 7500                    | Front Suspension (requires DS155FS4-L2MTE/-L4MTE, DS155FS4-L2RTE/-L4RTE, or DS155FS4-L2GDTE/-L4GDTE Rear)<br><b>Note: Pre-4X conversion kit p/n: 11547</b><br>System is equipped with Tru-Earth Leveling™. |                 |                               |          | X                    |  |

## LiquidSpring Application Guide: Full Line, p/n D11534 Rev KY

| Model                                                    | Model Years  | Axle GAWR (either Axle or Susp) (lbs) | Axle Model(s) | Cab             | WB (in) | CA (in) | Frame | Engine | Fuel Tank Location | Brakes | OEM Susp. GAWR Type | Snow Chain Avail? | LiquidSpring Kit / Max Rating (lbs) | Comments                                                                                                                                                   | Application     |                               |                      |
|----------------------------------------------------------|--------------|---------------------------------------|---------------|-----------------|---------|---------|-------|--------|--------------------|--------|---------------------|-------------------|-------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------------------------|----------------------|
|                                                          |              |                                       |               |                 |         |         |       |        |                    |        |                     |                   |                                     |                                                                                                                                                            | Adventure Truck | EMS, Fire and Rescue Vehicles | Recreational Vehicle |
| REAR<br>F600 Cab<br>Chassis<br>22000 GVW<br>(4x4 or 4x2) | 2017-Current | 15500                                 | n/a           | Reg.            | 169     | 84      | n/a   | Gas    | Any                | n/a    | n/a                 | Yes               | DS155FS4<br>15500                   | <b>Note: 2017 models require steering sensor kit p/n: 11520</b><br>Power module: Inside frame behind cab<br>Volumes: Along frame behind cab                | X               |                               | X                    |
|                                                          |              |                                       |               |                 |         |         |       | Diesel | Rear               |        |                     |                   |                                     |                                                                                                                                                            |                 |                               |                      |
|                                                          |              |                                       |               | Reg.            | 193     | 108     | n/a   | Gas    | Any                |        |                     |                   |                                     |                                                                                                                                                            |                 |                               |                      |
|                                                          |              |                                       |               |                 |         |         |       | Diesel | Rear               |        |                     |                   |                                     |                                                                                                                                                            |                 |                               |                      |
|                                                          |              |                                       |               | Reg.            | 205     | 120     | n/a   | Any    | Any                |        |                     |                   | DS155FS4-B<br>15500                 | <b>Note: 2017 models require steering sensor kit p/n: 11520</b><br>Kit created to accommodate bus chassis that have a wheelbase stretched between 205-257" |                 |                               | X                    |
|                                                          |              |                                       |               | Reg. Super Crew | 205-257 | n/a     | n/a   | Any    | Mid, Rear          |        |                     |                   |                                     |                                                                                                                                                            |                 |                               |                      |
|                                                          |              |                                       |               |                 |         |         |       |        |                    |        |                     |                   |                                     |                                                                                                                                                            |                 |                               |                      |
|                                                          |              |                                       |               | Super           | 192     | 84      | n/a   | Gas    | Any                |        |                     |                   | DS155FS4-F<br>15500                 | <b>Note: 2017 models require steering sensor kit p/n: 11520</b><br>Power module: Behind rear fuel tank<br>Volumes: Along frame behind cab                  |                 |                               | X                    |
|                                                          |              |                                       |               |                 |         |         |       | Diesel | Rear               |        |                     |                   |                                     |                                                                                                                                                            |                 |                               |                      |
|                                                          |              |                                       |               |                 |         |         |       | Gas    | Any                |        |                     |                   |                                     |                                                                                                                                                            |                 |                               |                      |
|                                                          |              |                                       |               |                 |         |         |       | Diesel | Rear               |        |                     |                   |                                     |                                                                                                                                                            |                 |                               |                      |
|                                                          |              |                                       |               | Crew            | 205     | 84      | n/a   | Gas    | Any                |        |                     |                   |                                     |                                                                                                                                                            |                 |                               |                      |
|                                                          |              |                                       |               |                 |         |         |       | Diesel | Rear               |        |                     |                   |                                     |                                                                                                                                                            |                 |                               |                      |

## LiquidSpring Application Guide: Full Line, p/n D11534 Rev KY

|                                                  |             |                                       |               |                           |                                 |         |       |        |                    |        |                     |                   |                                     |                                                                                                                                           |                 | Application                   |          |                      |  |
|--------------------------------------------------|-------------|---------------------------------------|---------------|---------------------------|---------------------------------|---------|-------|--------|--------------------|--------|---------------------|-------------------|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------------------------|----------|----------------------|--|
| Model                                            | Model Years | Axle GAWR (either Axle or Susp) (lbs) | Axle Model(s) | Cab                       | WB (in)                         | CA (in) | Frame | Engine | Fuel Tank Location | Brakes | OEM Susp. GAWR Type | Snow Chain Avail? | LiquidSpring Kit / Max Rating (lbs) | Comments                                                                                                                                  | Adventure Truck | EMS, Fire and Rescue Vehicles | Mobility | Recreational Vehicle |  |
| F450/550/600 Cab Chassis 2" Lift Kit             |             |                                       |               |                           |                                 |         |       |        |                    |        |                     |                   |                                     |                                                                                                                                           |                 |                               |          |                      |  |
| FRONT<br>F450/550<br>Cab Chassis<br>(4x4 or 4x2) | 2017-2022   | 7000                                  | n/a           | Reg. Reg. Reg. Super Crew | 169<br>193<br>205<br>192<br>205 | 60+     | n/a   | Any    | Any                | n/a    | n/a                 | n/a               | FS70FS3-L2 7000                     | Requires Rear DS100FS4-L2DSD/-L2DSG or DS147FS4-L2DSD/-L2DSG/-L2SS/-L4DSD/-L4DSG/-L4SS or DS155FS4-L2DSD/-L2DSG/-L2SS/-L4DSD/-L4DSG/-L4SS | X               |                               |          |                      |  |
|                                                  |             |                                       |               |                           |                                 |         |       |        |                    |        |                     |                   | FS70FS3-L2TE 7000                   | Requires Rear DS147FS4-L2SSTE/-L4SSTE or DS155FS4-L2SSTE/-L4SSTE. System is equipped with Tru-Earth Leveling™.                            | X               |                               |          | X                    |  |
|                                                  | 2017-2022   | 7000                                  | n/a           | Reg. Reg. Reg. Super Crew | 169<br>193<br>205<br>192<br>205 | 60+     | n/a   | Any    | Any                | n/a    | n/a                 | n/a               | FS70FS3-L2M 7000                    | Requires Rear DS155FS4-L2EW/-L4EW/-L4M. System is equipped with Tru-Earth Leveling™.                                                      | X               |                               |          | X                    |  |
|                                                  |             |                                       |               |                           |                                 |         |       |        |                    |        |                     |                   | FS70FS3-L2MTE 7000                  | Requires Rear DS155FS4-L2DRTE/-L2MTE/-L2RTE/-L4DRTE/-L4MTE/-L4RTE/-L2GDTE/-L4GDTE System is equipped with Tru-Earth Leveling™.            | X               |                               |          | X                    |  |
|                                                  | 2023+       | 7000                                  | n/a           | Reg. Reg. Reg. Super Crew | 169<br>193<br>205<br>192<br>205 | 60+     | n/a   | Any    | Any                | n/a    | n/a                 | n/a               | FS70FS4-L2 7000                     | Requires Rear DS100FS4-L2DSD/-L2DSG or DS147FS4-L2DSD/-L2DSG/-L2SS/-L4DSD/-L4DSG/-L4SS or DS155FS4-L2DSD/-L2DSG/-L2SS/-L4DSD/-L4DSG/-L4SS | X               |                               |          |                      |  |
|                                                  |             |                                       |               |                           |                                 |         |       |        |                    |        |                     |                   | FS70FS4-L2TE 7000                   | Requires Rear DS147FS4-L2SSTE/-L4SSTE or DS155FS4-L2SSTE/-L4SSTE. System is equipped with Tru-Earth Leveling™.                            | X               |                               |          | X                    |  |
|                                                  | 2023+       | 7000                                  | n/a           | Reg. Reg. Reg. Super Crew | 169<br>193<br>205<br>192<br>205 | 60+     | n/a   | Any    | Any                | n/a    | n/a                 | n/a               | FS70FS4-L2M 7000                    | Requires Rear DS155FS4-L2EW/-L4EW/-L4M. System is equipped with Tru-Earth Leveling™.                                                      | X               |                               |          | X                    |  |
|                                                  |             |                                       |               |                           |                                 |         |       |        |                    |        |                     |                   | FS70FS4-L2MTE 7000                  | Requires Rear DS155FS4-L2DRTE/-L2MTE/-L2RTE/-L4DRTE/-L4MTE/-L4RTE/-L2GDTE/-L4GDTE System is equipped with Tru-Earth Leveling™.            | X               |                               |          | X                    |  |

## LiquidSpring Application Guide: Full Line, p/n D11534 Rev KY

| Model                                   | Model Years | Axle GAWR (either Axle or Susp) (lbs) | Axle Model(s) | Cab                  | WB (in)             | CA (in) | Frame | Engine | Fuel Tank Location | Brakes | OEM Susp. GAWR Type | Snow Chain Avail? | LiquidSpring Kit / Max Rating (lbs) | Comments                                                                                                                                                  | Application     |                               |          |                      |
|-----------------------------------------|-------------|---------------------------------------|---------------|----------------------|---------------------|---------|-------|--------|--------------------|--------|---------------------|-------------------|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------------------------|----------|----------------------|
|                                         |             |                                       |               |                      |                     |         |       |        |                    |        |                     |                   |                                     |                                                                                                                                                           | Adventure Truck | EMS, Fire and Rescue Vehicles | Mobility | Recreational Vehicle |
| FRONT F550/600 Cab Chassis (4x4 or 4x2) | 2017-2022   | 7500                                  | n/a           | Reg. Reg. Super Crew | 169 193 205 192 205 | 60+     | n/a   | Any    | Any                | n/a    | n/a                 | n/a               | FS75FS3-L2 7500                     | Requires Rear DS100FS4-L2DSD/-L2DSG or DS147FS4-L2DSD/-L2DSG/-L2SS/-L4DSD/-L4DSG/-L4SS or DS155FS4-L2DSD/-L2DSG/-L2SS/-L4DSD/-L4DSG/-L4SS                 | X               |                               |          |                      |
|                                         |             |                                       |               |                      |                     |         |       |        |                    |        |                     |                   | FS75FS3-L2TE 7500                   | Requires Rear DS147FS4-L2SSTE/-L4SSTE or DS155FS4-L2SSTE/-L4SSTE. System is equipped with Tru-Earth Leveling™.                                            | X               |                               |          | X                    |
|                                         | 2017-2022   | 7500                                  | n/a           | Reg. Reg. Super Crew | 169 193 205 192 205 | 60+     | n/a   | Any    | Any                | n/a    | n/a                 | n/a               | FS75FS3-L2M 7500                    | Requires Rear DS155FS4-L2EW/-L4EW/-L4M. System is equipped with Tru-Earth Leveling™.                                                                      | X               |                               |          | X                    |
|                                         |             |                                       |               |                      |                     |         |       |        |                    |        |                     |                   | FS75FS3-L2MTE 7500                  | Requires Rear DS155FS4-L2DRTE/-L2MTE/-L2RTE/-L4DRTE/-L4MTE/-L4RTE/-L2GDTE/-L4GDTE System is equipped with Tru-Earth Leveling™.                            | X               |                               |          | X                    |
|                                         | 2023+       | 7500                                  | n/a           | Reg. Reg. Super Crew | 169 193 205 192 205 | 60+     | n/a   | Any    | Any                | n/a    | n/a                 | n/a               | FS75FS4-L2 7500                     | Requires Rear DS100FS4-L2DSD/-L2DSG or DS147FS4-L2DSD/-L2DSG/-L2SS/-L4DSD/-L4DSG/-L4SS or DS155FS4-L2DSD/-L2DSG/-L2SS/-L4DSD/-L4DSG/-L4SS                 | X               |                               |          |                      |
|                                         |             |                                       |               |                      |                     |         |       |        |                    |        |                     |                   | FS75FS4-L2TE 7500                   | Requires Rear DS147FS4-L2SSTE/-L4SSTE or DS155FS4-L2SSTE/-L4SSTE. System is equipped with Tru-Earth Leveling™.                                            | X               |                               |          | X                    |
|                                         | 2023+       | 7500                                  | n/a           | Reg.                 | 244                 | 60+     | n/a   | Any    | Any                | n/a    | n/a                 | n/a               | FS75FS4-L2DDTE                      | Front Suspension (requires DS155FS4-L2DTE/-L4DTE Rear). Volumes double stacked under cab on driver side. System is equipped with Tru-Earth Leveling™.     |                 |                               |          | X                    |
|                                         |             |                                       |               |                      |                     |         |       |        |                    |        |                     |                   | FS75FS4-L2DPTE                      | Front Suspension (requires DS155FS4-L2DTE/-L4DTE Rear). Volumes double stacked under step on passenger side. System is equipped with Tru-Earth Leveling™. |                 |                               |          | X                    |
|                                         | 2023+       | 7500                                  | n/a           | Reg. Reg. Super Crew | 169 193 205 192 205 | 60+     | n/a   | Any    | Any                | n/a    | n/a                 | n/a               | FS75FS4-L2M 7500                    | Requires Rear DS155FS4-L2EW/-L4EW/-L4M. System is equipped with Tru-Earth Leveling™.                                                                      | X               |                               |          | X                    |
|                                         |             |                                       |               |                      |                     |         |       |        |                    |        |                     |                   | FS75FS4-L2MTE 7500                  | Requires Rear DS155FS4-L2DRTE/-L2MTE/-L2RTE/-L4DRTE/-L4MTE/-L4RTE/-L2GDTE/-L4GDTE System is equipped with Tru-Earth Leveling™.                            | X               |                               |          | X                    |

## LiquidSpring Application Guide: Full Line, p/n D11534 Rev KY

| Model                                                   | Model Years | Axle GAWR (either Axle or Susp) (lbs) | Axle Model(s) | Cab                                                    | WB (in)                                              | CA (in) | Frame | Engine | Fuel Tank Location | Brakes | OEM Susp. GAWR Type | Snow Chain Avail? | LiquidSpring Kit / Max Rating (lbs) | Comments                                                                                                                                                                                                                                                                            | Application     |                               |          |                      |
|---------------------------------------------------------|-------------|---------------------------------------|---------------|--------------------------------------------------------|------------------------------------------------------|---------|-------|--------|--------------------|--------|---------------------|-------------------|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------------------------|----------|----------------------|
|                                                         |             |                                       |               |                                                        |                                                      |         |       |        |                    |        |                     |                   |                                     |                                                                                                                                                                                                                                                                                     | Adventure Truck | EMS, Fire and Rescue Vehicles | Mobility | Recreational Vehicle |
| REAR<br>F450/550/<br>600<br>Cab Chassis<br>(4x4 or 4x2) | 2017+       | 10000                                 | n/a           | Reg.<br>Reg.<br>Reg.<br>Super<br>Super<br>Crew<br>Crew | 145<br>169<br>193<br>205<br>168<br>192<br>180<br>205 | 60+     | n/a   | Diesel | Rear               | n/a    | n/a                 | Yes               | DS100FS4-L2DSD<br>10000             | 2017 models require steering sensor kit p/n: 11520<br>Power Module: Between framereils under back of cab.<br>Volumes: Between framereils, behind front hanger<br>Ford DEF relocation kit is required. Refer to SVE Bulletin Q-267R4<br>System is equipped with Tru-Earth Leveling™. | X               |                               |          |                      |
|                                                         |             |                                       |               |                                                        |                                                      |         |       | Gas    |                    |        |                     |                   | DS100FS4-L2DSG<br>10000             | 2017 models require steering sensor kit p/n: 11520<br>Power Module: Between framereils under back of cab.<br>Volumes: Between framereils, behind front hanger<br>Ford DEF relocation kit is required. Refer to SVE Bulletin Q-267R4<br>System is equipped with Tru-Earth Leveling™. | X               |                               |          |                      |
|                                                         | 2017+       | 14706                                 | n/a           | Reg.<br>Reg.<br>Reg.<br>Super<br>Super<br>Crew<br>Crew | 145<br>169<br>193<br>205<br>168<br>192<br>180<br>205 | 60+     | n/a   | Diesel | Rear               | n/a    | n/a                 | Yes               | DS147FS4-L2DSD<br>14706             | 2017 models require steering sensor kit p/n: 11520<br>Power Module: Between framereils under back of cab.<br>Volumes: Between framereils, behind front hanger<br>Ford DEF relocation kit is required. Refer to SVE Bulletin Q-267R4<br>System is equipped with Tru-Earth Leveling™. | X               |                               |          |                      |
|                                                         |             |                                       |               |                                                        |                                                      |         |       | Gas    |                    |        |                     |                   | DS147FS4-L2DSG<br>14706             | 2017 models require steering sensor kit p/n: 11520<br>Power Module: Between framereils under back of cab.<br>Volumes: Between framereils, behind front hanger<br>Ford DEF relocation kit is required. Refer to SVE Bulletin Q-267R4<br>System is equipped with Tru-Earth Leveling™. | X               |                               |          |                      |
|                                                         | 2017+       | 14706                                 | n/a           | Reg.<br>Reg.<br>Reg.<br>Super<br>Super<br>Crew<br>Crew | 169<br>193<br>205<br>192<br>205                      | 84+     | n/a   | Any    | Any                | n/a    | n/a                 | Yes               | DS147FS4-L2SS<br>14706              | 2017 models require steering sensor kit p/n: 11520<br>Power module: Inside frame behind cab<br>Volumes: Along frame behind cab<br>Relocated DEF tank will require kit 12315<br>System is equipped with Tru-Earth Leveling™.                                                         | X               |                               |          | X                    |
|                                                         |             |                                       |               |                                                        |                                                      |         |       |        |                    |        |                     |                   | DS147FS4-L2ST<br>14706              | 2017 models require steering sensor kit p/n: 11520<br>Power module: Inside frame behind cab<br>Volumes: Along frame behind cab<br>Relocated DEF tank will require kit 12315<br>System is equipped with Tru-Earth Leveling™.                                                         | X               |                               |          | X                    |

## LiquidSpring Application Guide: Full Line, p/n D11534 Rev KY

| Model                                      | Model Years | Axle GAWR (either Axle or Susp) (lbs) | Axle Model(s) | Cab                                                                 | WB (in)                  | CA (in) | Frame | Engine | Fuel Tank Location | Brakes | OEM Susp. GAWR Type | Snow Chain Avail? | LiquidSpring Kit / Max Rating (lbs) | Comments                                                                                                                                                                                                                                                                              | Application     |                               |          |                      |
|--------------------------------------------|-------------|---------------------------------------|---------------|---------------------------------------------------------------------|--------------------------|---------|-------|--------|--------------------|--------|---------------------|-------------------|-------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------------------------|----------|----------------------|
|                                            |             |                                       |               |                                                                     |                          |         |       |        |                    |        |                     |                   |                                     |                                                                                                                                                                                                                                                                                       | Adventure Truck | EMS, Fire and Rescue Vehicles | Mobility | Recreational Vehicle |
| REAR F450/550/600 Cab Chassis (4x4 or 4x2) | 2017+       | 15500                                 | n/a           | Reg. Reg. Reg. 205<br>Super 168<br>Crew 192<br>Crew 180<br>Crew 205 | 145<br>169<br>193<br>205 | 60+     | N/A   | Diesel | Rear               | n/a    | n/a                 | Yes               | DS155FS4-L2DSD 15500                | 2017 models require steering sensor kit p/n: 11520<br>Power Module: Between frametrails under back of cab.<br>Volumes: Between frametrails, behind front hanger<br>Ford DEF relocation kit is required. Refer to SVE Bulletin Q-267R4<br>System is equipped with Tru-Earth Leveling™. | X               |                               |          |                      |
|                                            |             |                                       |               |                                                                     |                          |         |       | Gas    |                    |        |                     |                   | DS155FS4-L2DSG 15500                | 2017 models require steering sensor kit p/n: 11520<br>Power Module: Between frametrails under back of cab.<br>Volumes: Between frametrails, behind front hanger<br>Ford DEF relocation kit is required. Refer to SVE Bulletin Q-267R4<br>System is equipped with Tru-Earth Leveling™. | X               |                               |          |                      |
|                                            | 2017+       | 15500                                 | n/a           | Reg. Reg. 205<br>Super 192<br>Crew 205                              | 169<br>193<br>205        | 84+     | n/a   | Any    | Any                | n/a    | n/a                 | Yes               | DS155FS4-L2DRTE 15500               | 2017 models require steering sensor kit p/n: 11520<br>Power module: On crossmember behind rear fuel tank<br>Volumes: Double stacked behind rear axle.<br>Relocated DEF tank will require kit 12315<br>System is equipped with Tru-Earth Leveling™.                                    | X               |                               |          | X                    |
|                                            | 2017+       | 15500                                 | n/a           | Reg.                                                                | 244                      | 84+     | n/a   | Any    | Any                | n/a    | n/a                 | Yes               | DS155FS4-L2DTE                      | 2017 models require steering sensor kit p/n: 11520.<br>Power module: On driver side frame extension behind rear propane tank.<br>Volumes: Double stacked behind rear fuel tank, next to propane tank.<br>System is equipped with Tru-Earth Leveling™.                                 |                 |                               |          | X                    |

## LiquidSpring Application Guide: Full Line, p/n D11534 Rev KY

| Model                                                              | Model Years | Axle GAWR (either Axle or Susp) (lbs) | Axle Model(s) | Cab                                   | WB (in)                         | CA (in) | Frame | Engine | Fuel Tank Location | Brakes | OEM Susp. GAWR Type | Snow Chain Avail? | LiquidSpring Kit / Max Rating (lbs) | Comments                                                                                                                                                                                                                                                                      | Application     |                               |          |                      |
|--------------------------------------------------------------------|-------------|---------------------------------------|---------------|---------------------------------------|---------------------------------|---------|-------|--------|--------------------|--------|---------------------|-------------------|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------------------------|----------|----------------------|
|                                                                    |             |                                       |               |                                       |                                 |         |       |        |                    |        |                     |                   |                                     |                                                                                                                                                                                                                                                                               | Adventure Truck | EMS, Fire and Rescue Vehicles | Mobility | Recreational Vehicle |
| <b>REAR<br/>F450/550/<br/>600<br/>Cab Chassis<br/>(4x4 or 4x2)</b> | 2017+       | 15500                                 | n/a           | Reg.<br>Reg.<br>Reg.<br>Super<br>Crew | 169<br>193<br>205<br>192<br>205 | 84+     | n/a   | Any    | Any                | n/a    | n/a                 | Yes               | DS155FS4-L2SS<br>15500              | <b>2017 models require steering sensor kit p/n: 11520</b><br>Power module: Inside frame behind cab<br>Volumes: Along frame behind cab<br>Relocated DEF tank will require kit 12315<br>System is equipped with Tru-Earth Leveling™.                                            | X               |                               |          | X                    |
|                                                                    | 2017+       | 15500                                 | n/a           | Reg.<br>Reg.<br>Reg.<br>Super<br>Crew | 169<br>193<br>205<br>192<br>205 | 84+     | n/a   | Any    | Any                | n/a    | n/a                 | Yes               | DS155FS4-L2EW<br>15500              | <b>2017 models require steering sensor kit p/n: 11520</b><br>Power module: Behind rear axle on passenger side frame rail extension.<br>Volumes: Double stacked behind rear axle.<br>Relocated DEF tank will require kit 12315<br>System is equipped with Tru-Earth Leveling™. | X               |                               |          | X                    |
|                                                                    | 2017+       | 15500                                 | n/a           | Reg.<br>Reg.<br>Reg.<br>Super<br>Crew | 169<br>193<br>205<br>192<br>205 | 84+     | n/a   | Any    | Any                | n/a    | n/a                 | Yes               | DS155FS4-L2MTE<br>15500             | <b>2017 models require steering sensor kit p/n: 11520</b><br>Power module: Inside frame behind cab<br>Volumes: Double stacked behind rear axle.<br>Relocated DEF tank will require kit 12315<br>System is equipped with Tru-Earth Leveling™.                                  | X               |                               |          | X                    |
|                                                                    | 2017+       | 15500                                 | n/a           | Reg.<br>Reg.<br>Reg.<br>Super<br>Crew | 169<br>193<br>205<br>192<br>205 | 84+     | n/a   | Any    | Any                | n/a    | n/a                 | Yes               | DS155FS4-L2RTE<br>15500             | <b>2017 models require steering sensor kit p/n: 11520</b><br>Power module: On crossmember behind rear fuel tank.<br>Volumes: Single stacked on outside of frame.<br>Relocated DEF tank will require kit 12315<br>System is equipped with Tru-Earth Leveling™.                 | X               |                               |          | X                    |
|                                                                    | 2017+       | 15500                                 | n/a           | Reg.<br>Reg.<br>Reg.<br>Super<br>Crew | 169<br>193<br>205<br>192<br>205 | 84+     | n/a   | Any    | Any                | n/a    | n/a                 | Yes               | DS155FS4-L2GDTE<br>15500            | <b>2017 models require steering sensor kit p/n: 11520</b><br>Power module: On crossmember behind rear fuel tank.<br>Volumes: Single stacked on outside of frame.<br>Relocated DEF tank will require kit 12315<br>System is equipped with Tru-Earth Leveling™.                 | X               |                               |          | X                    |

## LiquidSpring Application Guide: Full Line, p/n D11534 Rev KY

|                                                                                                                                                   |             |                                       |               |                           |                                 |         |       |        |                    |        |                     |                   |                                     |                                                                                                                                                                                | Application     |                               |          |                      |
|---------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------------------------------|---------------|---------------------------|---------------------------------|---------|-------|--------|--------------------|--------|---------------------|-------------------|-------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------------------------|----------|----------------------|
| Model                                                                                                                                             | Model Years | Axle GAWR (either Axle or Susp) (lbs) | Axle Model(s) | Cab                       | WB (in)                         | CA (in) | Frame | Engine | Fuel Tank Location | Brakes | OEM Susp. GAWR Type | Snow Chain Avail? | LiquidSpring Kit / Max Rating (lbs) | Comments                                                                                                                                                                       | Adventure Truck | EMS, Fire and Rescue Vehicles | Mobility | Recreational Vehicle |
| F450/550/600 Cab Chassis 4" Lift Kit                                                                                                              |             |                                       |               |                           |                                 |         |       |        |                    |        |                     |                   |                                     |                                                                                                                                                                                |                 |                               |          |                      |
| FRONT<br>F450/550<br>Cab Chassis<br>(4x4 or 4x2)                                                                                                  | 2018-2022   | 7000                                  | n/a           | Reg. Reg. Reg. Super Crew | 169<br>193<br>205<br>192<br>205 | 60+     | n/a   | Any    | Any                | n/a    | n/a                 | n/a               | FS70FS3-L4 7000                     | Requires Rear DS147FS4-L4DSD/-L4SS or DS155FS4-L4DSD/-L4SS<br><b>Requires dual steering stabilizer kit<sup>1</sup></b>                                                         | X               |                               |          |                      |
|                                                                                                                                                   |             |                                       |               |                           |                                 |         |       |        |                    |        |                     |                   | FS70FS3-L4TE 7000                   | Requires Rear DS147FS4-L4DSDTE/-L4SSTE or DS155FS4-L4DSDTE/-L4SSTE<br>System is equipped with Tru-Earth Leveling™.<br><b>Requires dual steering stabilizer kit<sup>1</sup></b> | X               |                               |          |                      |
|                                                                                                                                                   | 2018-2022   | 7000                                  | n/a           | Reg. Reg. Reg. Super Crew | 169<br>193<br>205<br>192<br>205 | 60+     | n/a   | Any    | Any                | n/a    | n/a                 | n/a               | FS70FS3-L4M 7000                    | Requires Rear DS155FS4-L4EW/-L4M.<br>System is equipped with Tru-Earth Leveling™.<br><b>Requires dual steering stabilizer kit<sup>1</sup></b>                                  | X               |                               |          | X                    |
|                                                                                                                                                   |             |                                       |               |                           |                                 |         |       |        |                    |        |                     |                   | FS70FS3-L4MTE 7000                  | Requires Rear DS155FS4-L4DRTE/-L4MTE/-L4RTE/ -L4GDTE<br>System is equipped with Tru-Earth Leveling™.<br><b>Requires dual steering stabilizer kit<sup>1</sup></b>               | X               |                               |          | X                    |
|                                                                                                                                                   | 2023+       | 7000                                  | n/a           | Reg. Reg. Reg. Super Crew | 169<br>193<br>205<br>192<br>205 | 60+     | n/a   | Any    | Any                | n/a    | n/a                 | n/a               | FS70FS4-L4 7000                     | Requires Rear DS147FS4-L4DSD/-L4SS or DS155FS4-L4DSD/-L4SS<br><b>Requires dual steering stabilizer kit<sup>1</sup></b>                                                         | X               |                               |          |                      |
|                                                                                                                                                   |             |                                       |               |                           |                                 |         |       |        |                    |        |                     |                   | FS70FS4-L4TE 7000                   | Requires Rear DS147FS4-L4DSDTE/-L4SSTE or DS155FS4-L4DSDTE/-L4SSTE<br>System is equipped with Tru-Earth Leveling™.<br><b>Requires dual steering stabilizer kit<sup>1</sup></b> | X               |                               |          |                      |
|                                                                                                                                                   | 2023+       | 7000                                  | n/a           | Reg. Reg. Reg. Super Crew | 169<br>193<br>205<br>192<br>205 | 60+     | n/a   | Any    | Any                | n/a    | n/a                 | n/a               | FS70FS4-L4M 7000                    | Requires Rear DS155FS4-L4EW/-L4M.<br>System is equipped with Tru-Earth Leveling™.<br><b>Requires dual steering stabilizer kit<sup>1</sup></b>                                  | X               |                               |          | X                    |
|                                                                                                                                                   |             |                                       |               |                           |                                 |         |       |        |                    |        |                     |                   | FS70FS4-L4MTE 7000                  | Requires Rear DS155FS4-L4DRTE/-L4MTE/-L4RTE/ -L4GDTE<br>System is equipped with Tru-Earth Leveling™.<br><b>Requires dual steering stabilizer kit<sup>1</sup></b>               | X               |                               |          | X                    |
| <sup>1</sup> Recommended dual steering stabilizer kit: "RealTruck Superlift Dual Steering Stabilizer Kit with Fox 2.0 Series Shocks" (p/n: 92766) |             |                                       |               |                           |                                 |         |       |        |                    |        |                     |                   |                                     |                                                                                                                                                                                |                 |                               |          |                      |

## LiquidSpring Application Guide: Full Line, p/n D11534 Rev KY

| Model                                   | Model Years | Axle GAWR (either Axle or Susp) (lbs) | Axle Model(s) | Cab                  | WB (in)                         | CA (in) | Frame | Engine | Fuel Tank Location | Brakes | OEM Susp. GAWR Type | Snow Chain Avail? | LiquidSpring Kit / Max Rating (lbs) | Comments                                                                                                                                                                         | Application     |                               |          |                      |
|-----------------------------------------|-------------|---------------------------------------|---------------|----------------------|---------------------------------|---------|-------|--------|--------------------|--------|---------------------|-------------------|-------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------------------------|----------|----------------------|
|                                         |             |                                       |               |                      |                                 |         |       |        |                    |        |                     |                   |                                     |                                                                                                                                                                                  | Adventure Truck | EMS, Fire and Rescue Vehicles | Mobility | Recreational Vehicle |
| FRONT F550/600 Cab Chassis (4x4 or 4x2) | 2018-2022   | 7500                                  | n/a           | Reg. Reg. Super Crew | 169<br>193<br>205<br>192<br>205 | 60+     | n/a   | Any    | Any                | n/a    | n/a                 | n/a               | FS75FS3-L4 7500                     | Requires Rear DS147FS4-L4DSD/-L4SS or DS155FS4-L4DSD/-L4SS<br><b>Requires dual steering stabilizer kit<sup>1</sup></b>                                                           | X               |                               |          |                      |
|                                         |             |                                       |               |                      |                                 |         |       |        |                    |        |                     |                   | FS75FS3-L4TE 7500                   | Requires Rear DS147FS4-L4DSDTE/-L4SSSTE or DS155FS4-L4DSDTE/-L4SSSTE<br>System is equipped with Tru-Earth Leveling™.<br><b>Requires dual steering stabilizer kit<sup>1</sup></b> | X               |                               |          |                      |
|                                         | 2018-2022   | 7500                                  | n/a           | Reg. Reg. Super Crew | 169<br>193<br>205<br>192<br>205 | 60+     | n/a   | Any    | Any                | n/a    | n/a                 | n/a               | FS75FS3-L4M 7500                    | Requires Rear DS155FS4-L4EW/-L4M.<br>System is equipped with Tru-Earth Leveling™.<br><b>Requires dual steering stabilizer kit<sup>1</sup></b>                                    | X               |                               |          | X                    |
|                                         |             |                                       |               |                      |                                 |         |       |        |                    |        |                     |                   | FS75FS3-L4MTE 7500                  | Requires Rear DS155FS4-L4DRTE/-L4MTE/-L4RTE/ -L4GDTE<br>System is equipped with Tru-Earth Leveling™.<br><b>Requires dual steering stabilizer kit<sup>1</sup></b>                 | X               |                               |          | X                    |
|                                         | 2023+       | 7500                                  | n/a           | Reg. Reg. Super Crew | 169<br>193<br>205<br>192<br>205 | 60+     | n/a   | Any    | Any                | n/a    | n/a                 | n/a               | FS75FS4-L4 7500                     | Requires Rear DS147FS4-L4DSD/-L4SS or DS155FS4-L4DSD/-L4SS<br><b>Requires dual steering stabilizer kit<sup>1</sup></b>                                                           | X               |                               |          |                      |
|                                         |             |                                       |               |                      |                                 |         |       |        |                    |        |                     |                   | FS75FS4-L4TE 7500                   | Requires Rear DS147FS4-L4DSDTE/-L4SSSTE or DS155FS4-L4DSDTE/-L4SSSTE<br>System is equipped with Tru-Earth Leveling™.<br><b>Requires dual steering stabilizer kit<sup>1</sup></b> | X               |                               |          |                      |
|                                         | 2023+       | 7500                                  | n/a           | Reg.                 | 244                             | 60+     | n/a   | Any    | Any                | n/a    | n/a                 | n/a               | FS75FS4-L4DDTE                      | Front Suspension (requires DS155FS4-L4DTE Rear).<br>Volumes double stacked under cab on driver side.<br>System is equipped with Tru-Earth Leveling™.                             |                 |                               |          | X                    |
|                                         |             |                                       |               |                      |                                 |         |       |        |                    |        |                     |                   | FS75FS4-L4DPTE                      | Front Suspension (requires DS155FS4-L4DTE Rear).<br>Volumes double stacked under step on passenger side.<br>System is equipped with Tru-Earth Leveling™.                         |                 |                               |          | X                    |
|                                         | 2023+       | 7500                                  | n/a           | Reg. Reg. Super Crew | 169<br>193<br>205<br>192<br>205 | 60+     | n/a   | Any    | Any                | n/a    | n/a                 | n/a               | FS75FS4-L4M 7500                    | Requires Rear DS155FS4-L4EW/-L4M.<br>System is equipped with Tru-Earth Leveling™.<br><b>Requires dual steering stabilizer kit<sup>1</sup></b>                                    | X               |                               |          | X                    |
|                                         |             |                                       |               |                      |                                 |         |       |        |                    |        |                     |                   | FS75FS4-L4MTE 7500                  | Requires Rear DS155FS4-L4DRTE/-L4MTE/-L4RTE/ -L4GDTE<br>System is equipped with Tru-Earth Leveling™.<br><b>Requires dual steering stabilizer kit<sup>1</sup></b>                 | X               |                               |          | X                    |
|                                         |             | 9500                                  | n/a           | Reg. Reg. Super Crew | 169<br>193<br>205<br>192<br>205 | 60+     | n/a   | Any    | Any                | n/a    | n/a                 | n/a               | FS95FS4-L4AV 9500                   | Special unit for INKAS;<br>Requires Rear DS155FS4-L4AV.<br><b>Requires dual steering stabilizer kit<sup>1</sup></b>                                                              |                 | X                             |          |                      |

<sup>1</sup>Recommended dual steering stabilizer kit: "RealTruck Superlift Dual Steering Stabilizer Kit with Fox 2.0 Series Shocks" (p/n: 92766)

## LiquidSpring Application Guide: Full Line, p/n D11534 Rev KY

| Model                                      | Model Years | Axle GAWR (either Axle or Susp) (lbs) | Axle Model(s) | Cab                                  | WB (in)                         | CA (in) | Frame | Engine | Fuel Tank Location | Brakes | OEM Susp. GAWR Type | Snow Chain Avail? | LiquidSpring Kit / Max Rating (lbs) | Comments                                                                                                                                                                                                                                                                              | Application     |                               |          |                      |
|--------------------------------------------|-------------|---------------------------------------|---------------|--------------------------------------|---------------------------------|---------|-------|--------|--------------------|--------|---------------------|-------------------|-------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------------------------|----------|----------------------|
|                                            |             |                                       |               |                                      |                                 |         |       |        |                    |        |                     |                   |                                     |                                                                                                                                                                                                                                                                                       | Adventure Truck | EMS, Fire and Rescue Vehicles | Mobility | Recreational Vehicle |
| Rear F450/550/600 Cab Chassis (4x4 or 4x2) | 2017+       | 10000                                 | n/a           | Reg. Reg. Reg. Super Super Crew Crew | 145 169 193 205 168 192 180 205 | 60+     | n/a   | Diesel | Any                | n/a    | n/a                 | Yes               | DS100FS4-L4DSD 10000                | 2017 models require steering sensor kit p/n: 11520<br>Power Module: Between frametrails under back of cab.<br>Volumes: Between frametrails, behind front hanger<br>Ford DEF relocation kit is required. Refer to SVE Bulletin Q-267R4<br>System is equipped with Tru-Earth Leveling™. | X               |                               |          |                      |
|                                            | 2017+       | 14706                                 | n/a           | Reg. Reg. Reg. Super Super Crew Crew | 145 169 193 205 168 192 180 205 | 60+     | n/a   | Diesel | Any                | n/a    | n/a                 | Yes               | DS147FS4-L4DSD 14700                | 2017 models require steering sensor kit p/n: 11520<br>Power Module: Between frametrails under back of cab.<br>Volumes: Between frametrails, behind front hanger<br>Ford DEF relocation kit is required. Refer to SVE Bulletin Q-267R4<br>System is equipped with Tru-Earth Leveling™. | X               |                               |          |                      |
|                                            |             |                                       |               |                                      |                                 |         |       | Gas    |                    |        |                     |                   | DS147FS4-L4DSG 14700                | 2017 models require steering sensor kit p/n: 11520<br>Power Module: Between frametrails under back of cab.<br>Volumes: Between frametrails, behind front hanger<br>Ford DEF relocation kit is required. Refer to SVE Bulletin Q-267R4<br>System is equipped with Tru-Earth Leveling™. | X               |                               |          |                      |
|                                            | 2017+       | 14706                                 | N/A           | Reg. Reg. Reg. Super Crew            | 169 193 205 192 205             | 84+     | n/a   | Any    | Any                | n/a    | n/a                 | Yes               | DS147FS4-L4SS 14706                 | 2017 models require steering sensor kit p/n: 11520<br>Power module: Inside frame behind cab<br>Volumes: Along frame behind cab<br>Relocated DEF tank will require kit 12315<br>System is equipped with Tru-Earth Leveling™.                                                           | X               |                               |          | X                    |
|                                            | 2017+       | 15500                                 | N/A           | Reg. Reg. Reg. Super Super Crew Crew | 145 169 193 205 168 192 180 205 | 60+     | n/a   | Diesel | Any                | n/a    | n/a                 | Yes               | DS155FS4-L4AV 15500                 | Special unit for INKAS;<br>2017 models require steering sensor kit p/n: 11520;<br>System is equipped with Tru-Earth Leveling™.                                                                                                                                                        |                 | X                             |          |                      |
|                                            |             |                                       |               |                                      |                                 |         |       |        |                    |        |                     |                   | DS155FS4-L4DSD 15500                | 2017 models require steering sensor kit p/n: 11520<br>Power Module: Between frametrails under back of cab.<br>Volumes: Between frametrails, behind front hanger<br>Ford DEF relocation kit is required. Refer to SVE Bulletin Q-267R4<br>System is equipped with Tru-Earth Leveling™. | X               |                               |          |                      |
|                                            | 2017+       | 15500                                 | N/A           | Reg.                                 | 244                             | 84+     | n/a   | Any    | Any                | n/a    | n/a                 | Yes               | DS155FS4-L4DTE 15500                | 2017 models require steering sensor kit p/n: 11520.<br>Power module: On driver side frame extension behind rear propane tank.<br>Volumes: Double stacked behind rear fuel tank, next to propane tank.<br>System is equipped with Tru-Earth Leveling™.                                 |                 |                               |          | X                    |

## LiquidSpring Application Guide: Full Line, p/n D11534 Rev KY

|                                                        |             |                                                |                  |                               |                                 |            |       |        |                       |        |                           |                      |                                        |                                                                                                                                                                                                                                                                           | Application                                          |          |                      |  |
|--------------------------------------------------------|-------------|------------------------------------------------|------------------|-------------------------------|---------------------------------|------------|-------|--------|-----------------------|--------|---------------------------|----------------------|----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|----------|----------------------|--|
| Model                                                  | Model Years | Axle<br>GAWR (either<br>Axle or Susp)<br>(lbs) | Axle<br>Model(s) | Cab                           | WB<br>(in)                      | CA<br>(in) | Frame | Engine | Fuel Tank<br>Location | Brakes | OEM Susp.<br>GAWR<br>Type | Snow Chain<br>Avail? | LiquidSpring Kit<br>/ Max Rating (lbs) | Comments                                                                                                                                                                                                                                                                  | Adventure Truck<br><br>EMS, Fire and Rescue Vehicles | Mobility | Recreational Vehicle |  |
| Rear<br>F450/550/<br>600 Cab<br>Chassis (4x2)<br>(4x4) | 2017+       | 15500                                          | N/A              | Reg.<br>Reg.<br>Super<br>Crew | 169<br>193<br>205<br>192<br>205 | 84+        | n/a   | Any    | Rear                  | n/a    | n/a                       | Yes                  | DS155FS4-L4DRTE<br>15500               | 2017 models require steering sensor kit p/n: 11520<br>Power module: On crossmember behind rear fuel tank<br>Volumes: Double stacked behind rear axle.<br>Relocated DEF tank will require kit 12315<br>System is equipped with Tru-Earth Leveling™.                        | X                                                    |          | X                    |  |
|                                                        |             |                                                |                  |                               |                                 |            |       |        | Any                   |        |                           |                      | DS155FS4-L4SS<br>15500                 | 2017 models require steering sensor kit p/n: 11520<br>Power module: Inside frame behind cab<br>Volumes: Along frame behind cab<br>Relocated DEF tank will require kit 12315<br>System is equipped with Tru-Earth Leveling™.                                               | X                                                    |          | X                    |  |
|                                                        |             |                                                |                  |                               |                                 |            |       |        | Rear                  |        |                           |                      | DS155FS4-L4EW<br>15500                 | 2017 models require steering sensor kit p/n: 11520<br>Power module: Behind rear axle on passenger side frame rail<br>extension.<br>Volumes: Double stacked behind rear axle.<br>Relocated DEF tank will require kit 12315<br>System is equipped with Tru-Earth Leveling™. | X                                                    |          | X                    |  |
|                                                        |             |                                                |                  |                               |                                 |            |       |        |                       |        |                           |                      | DS155FS4-L4MTE<br>15500                | 2017 models require steering sensor kit p/n: 11520<br>Power module: Outboard of passenger side frame in front of<br>rear axle<br>Volumes: Double stacked behind rear axle.<br>Relocated DEF tank will require kit 12315<br>System is equipped with Tru-Earth Leveling™.   | X                                                    |          | X                    |  |
|                                                        |             |                                                |                  |                               |                                 |            |       |        |                       |        |                           |                      | DS155FS4-L4RTE<br>15500                | 2017 models require steering sensor kit p/n: 11520<br>Power module: Outboard behind fuel tank.<br>Volumes: Single Stacked on outside of frame.<br>Relocated DEF tank will require kit 12315<br>System is equipped with Tru-Earth Leveling™.                               | X                                                    |          | X                    |  |
|                                                        |             |                                                |                  |                               |                                 |            |       |        |                       |        |                           |                      | DS155FS4-L4GDTE<br>15500               | 2017 models require steering sensor kit p/n: 11520<br>Power module: Outboard behind fuel tank.<br>Volumes: Single Stacked on outside of frame.<br>Relocated DEF tank will require kit 12315<br>System is equipped with Tru-Earth Leveling™.                               | X                                                    |          | X                    |  |

## LiquidSpring Application Guide: Full Line, p/n D11534 Rev KY

|                                  |              |                                       |               |     |                   |         |                        |        |                    |                |                          |                   |                                     |                                                                                                                                                                                                        | Application     |                               |          |                      |
|----------------------------------|--------------|---------------------------------------|---------------|-----|-------------------|---------|------------------------|--------|--------------------|----------------|--------------------------|-------------------|-------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------------------------|----------|----------------------|
| Model                            | Model Years  | Axle GAWR (either Axle or Susp) (lbs) | Axle Model(s) | Cab | WB (in)           | CA (in) | Frame                  | Engine | Fuel Tank Location | Brakes         | OEM Susp. GAWR Type      | Snow Chain Avail? | LiquidSpring Kit / Max Rating (lbs) | Comments                                                                                                                                                                                               | Adventure Truck | EMS, Fire and Rescue Vehicles | Mobility | Recreational Vehicle |
| F650                             |              |                                       |               |     |                   |         |                        |        |                    |                |                          |                   |                                     |                                                                                                                                                                                                        |                 |                               |          |                      |
| REAR<br>F650 Straight Rail Frame | 2016-Current | 17500-19000 (13500)                   | Dana S140     | Any | 158+              | 84+     | 10.126" Straight (534) | Any    | Forward Only       | Hydraulic Only | 19000-21000 Leaf Springs | TBD               | DS135F650SR-SHR 13500               | Volumes rear, PM rear, Lower ride height (designed for ambulance w/ 19.5" tires)                                                                                                                       |                 | X                             |          |                      |
|                                  | 2016-Current | 17500-19000 (13500)                   | Dana S140     | Any | 158+              | 84+     | 10.126" Straight (534) | Any    | Any                | Hydraulic Only | 19000-21000 Leaf Springs | TBD               | DS135F650SR-SHF 13500               | Volumes forward, PM forward LH inboard frame                                                                                                                                                           |                 |                               | X        |                      |
|                                  | 2016-Current | 17500-19000 (15500)                   | Dana S140     | Any | 158+              | 84+     | 10.126" Straight (534) | Any    | Any                | Hydraulic Only | 19000-21000 Leaf Springs | TBD               | DS155F650SR-SHB 15500               | Volumes forward, PM forward LH inboard frame                                                                                                                                                           |                 |                               | X        |                      |
|                                  | 2016-Current | 17500-19000 (19000)                   | Dana S140     | Any | 158+              | 84+     | 10.126" Straight (534) | Any    | Any                | Hydraulic Only | 19000-21000 Leaf Springs | TBD               | DS190F650SR-SHB 19000               | Volumes forward, PM forward LH inboard frame                                                                                                                                                           |                 |                               | X        |                      |
| F53                              |              |                                       |               |     |                   |         |                        |        |                    |                |                          |                   |                                     |                                                                                                                                                                                                        |                 |                               |          |                      |
| FRONT<br>F53<br>18K GVW          | 2009-2019    | 7000                                  | n/a           | n/a | 178<br>190<br>208 | n/a     | n/a                    | n/a    | n/a                | n/a            | Steel Leaf 7000          | No                | FS70F53S2TE 7000 (FS70F53S2C)       | Front Suspension (requires DS120F53S2TE Rear kit)<br>FS70F53S2C includes FS70F53S2TE and conversion kits for existing vehicles with DS120F53 installed.<br>System is equipped with Tru-Earth Leveling. |                 |                               |          | X                    |
|                                  |              |                                       |               |     |                   |         |                        |        |                    |                |                          |                   | FS70F53S2-DSTE 7000                 | Front Suspension (requires DS120F53S2-DSTE Rear)<br>Double Stacked Front Volumes in-board at front.<br>PM aft of fuel tank.<br>System is equipped with Tru-Earth Leveling.                             |                 |                               |          | X                    |

## LiquidSpring Application Guide: Full Line, p/n D11534 Rev KY

| Model               | Model Years | Axle GAWR (either Axle or Susp) (lbs) | Axle Model(s) | Cab | WB (in)     | CA (in) | Frame | Engine | Fuel Tank Location | Brakes | OEM Susp. GAWR Type | Snow Chain Avail? | LiquidSpring Kit / Max Rating (lbs) | Comments                                                                                                                                                                                                                                         | Application     |                               |                      |
|---------------------|-------------|---------------------------------------|---------------|-----|-------------|---------|-------|--------|--------------------|--------|---------------------|-------------------|-------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------------------------|----------------------|
|                     |             |                                       |               |     |             |         |       |        |                    |        |                     |                   |                                     |                                                                                                                                                                                                                                                  | Adventure Truck | EMS, Fire and Rescue Vehicles | Recreational Vehicle |
| FRONT F53 20.5K GVW | 2009-2019   | 7000                                  | n/a           | n/a | 208 228     | n/a     | n/a   | n/a    | n/a                | n/a    | Steel Leaf 7000     | No                | FS80F53S2TE 8000 (FS80F53S2C)       | Front Suspension (requires DS150F53S2TE or DS150F53S2-DSTE Rear kit). FS80F53S2C includes FS80F53S2TE and conversion kits for existing vehicles with DS150F53 installed. System is equipped with Tru-Earth Leveling.                             |                 |                               | X                    |
|                     |             |                                       |               |     |             |         |       |        |                    |        |                     |                   | FS80F53S2-DSTE 8000                 | Front Suspension (requires DS150F53S2-DSTE or DS150F53S2TE Rear kit). Double Stack Front Volumes in-board at front. System is equipped with Tru-Earth Leveling.                                                                                  |                 |                               | X                    |
| FRONT F53 22K GVW   | 2009-2019   | 8000                                  | n/a           | n/a | 208 228 242 | n/a     | n/a   | n/a    | n/a                | n/a    | Steel Leaf 8000     | No                | FS80F53S2TE 8000 (FS80F53S2C)       | Front Suspension (requires DS150F53S2TE or DS150F53S2-DSTE Rear kit). FS80F53S2C includes FS80F53S2TE and conversion kits for existing vehicles with DS150F53 installed. System is equipped with Tru-Earth Leveling.                             |                 |                               | X                    |
|                     |             |                                       |               |     |             |         |       |        |                    |        |                     |                   | FS80F53S2-DSTE 8000                 | Front Suspension (requires DS150F53S2-DSTE or DS150F53S2TE Rear kit). Double Stack Front Volumes in-board at front. System is equipped with Tru-Earth Leveling.                                                                                  |                 |                               | X                    |
| FRONT F53 24K GVW   | 2009-2019   | 9000                                  | n/a           | n/a | 228 242 252 | n/a     | n/a   | n/a    | n/a                | n/a    | Steel Leaf 9000     | No                | FS90F53S2TE 9000 (FS90F2C)          | Front Suspension (requires DS175F53S2TE or DS175F53S2-DSTE Rear kit). Front Sway Bar Kit- P/N: 12125 FS90F2C includes FS90F53S2TE and conversion kits for existing vehicles with DS175F53 installed. System is equipped with Tru-Earth Leveling. |                 |                               | X                    |
|                     |             |                                       |               |     |             |         |       |        |                    |        |                     |                   | FS90F53S2-DSTE 9000                 | Front Suspension (requires DS175F53S2-DSTE or DS175F53S2TE Rear kit). Front Sway Bar Kit- P/N: 12125 Double Stack Front Volumes in-board at front. System is equipped with Tru-Earth Leveling.                                                   |                 |                               | X                    |

## LiquidSpring Application Guide: Full Line, p/n D11534 Rev KY

| Model               | Model Years | Axle GAWR (either Axle or Susp) (lbs) | Axle Model(s) | Cab | WB (in)           | CA (in) | Frame | Engine | Fuel Tank Location | Brakes | OEM Susp. GAWR Type | Snow Chain Avail? | LiquidSpring Kit / Max Rating (lbs) | Comments                                                                                                                                                                                                                                                  | Application     |                               |                      |
|---------------------|-------------|---------------------------------------|---------------|-----|-------------------|---------|-------|--------|--------------------|--------|---------------------|-------------------|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------------------------|----------------------|
|                     |             |                                       |               |     |                   |         |       |        |                    |        |                     |                   |                                     |                                                                                                                                                                                                                                                           | Adventure Truck | EMS, Fire and Rescue Vehicles | Recreational Vehicle |
| FRONT F53 26K GVW   | 2009-2019   | 9000                                  | n/a           | n/a | 228<br>242<br>252 | n/a     | n/a   | n/a    | n/a                | n/a    | Steel Leaf 9000     | No                | FS90F53S2TE 9000 (FS90F2C)          | Front Suspension (requires DS175F53S2TE or DS175F53S2-DSTE Rear kit).<br>Front Sway Bar Kit- P/N: 12125<br>FS90F2C includes FS90F53S2TE and conversion kits for existing vehicles with DS175F53 installed.<br>System is equipped with Tru-Earth Leveling. |                 |                               | X                    |
|                     |             |                                       |               |     |                   |         |       |        |                    |        |                     |                   | FS90F53S2-DSTE 9000                 | Front Suspension (requires DS175F53S2-DSTE or DS175F53S2TE Rear kit).<br>Front Sway Bar Kit- P/N: 12125<br>Double Stack Front Volumes in-board at front.<br>System is equipped with Tru-Earth Leveling.                                                   |                 |                               | X                    |
| FRONT F53 18K GVW   | 2020+       | 7000                                  | n/a           | n/a | 178<br>190<br>208 | n/a     | n/a   | n/a    | n/a                | n/a    | Steel Leaf 7000     | No                | FS70F53S3TE 7000                    | Front Suspension (requires DS120F53S3TE Rear kit).<br>System is equipped with Tru-Earth Leveling™.                                                                                                                                                        |                 |                               | X                    |
|                     |             |                                       |               |     |                   |         |       |        |                    |        |                     |                   | FS70F53S3-DSTE 7000                 | Front Suspension (requires DS120F53S3-DSTE Rear).<br>Double Stack Front Volumes in-board at front.<br>PM aft of fuel tank.<br>System is equipped with Tru-Earth Leveling™.                                                                                |                 |                               | X                    |
| FRONT F53 20.5K GVW | 2020+       | 7000                                  | n/a           | n/a | 208<br>228        | n/a     | n/a   | n/a    | n/a                | n/a    | Steel Leaf 7000     | No                | FS80F53S3TE 8000                    | Front Suspension (requires DS150F53S3TE or DS150F53S3-DSTE Rear kit).<br>System is equipped with Tru-Earth Leveling™.                                                                                                                                     |                 |                               | X                    |
|                     |             |                                       |               |     |                   |         |       |        |                    |        |                     |                   | FS80F53S3-DSTE 8000                 | Front Suspension (requires DS150F53S3-DSTE or DS150F53S3TE Rear kit).<br>Double Stack Front Volumes in-board at front.<br>System is equipped with Tru-Earth Leveling™.                                                                                    |                 |                               | X                    |
| FRONT F53 22K GVW   | 2020+       | 8000                                  | n/a           | n/a | 208<br>228<br>242 | n/a     | n/a   | n/a    | n/a                | n/a    | Steel Leaf 8000     | No                | FS80F53S3TE 8000                    | Front Suspension (requires DS150F53S3TE or DS150F53S3-DSTE Rear kit).<br>System is equipped with Tru-Earth Leveling™.                                                                                                                                     |                 |                               | X                    |
|                     |             |                                       |               |     |                   |         |       |        |                    |        |                     |                   | FS80F53S3-DSTE 8000                 | Front Suspension (requires DS150F53S3-DSTE or DS150F53S3TE Rear kit).<br>Double Stack Front Volumes in-board at front.<br>System is equipped with Tru-Earth Leveling™.                                                                                    |                 |                               | X                    |

## LiquidSpring Application Guide: Full Line, p/n D11534 Rev KY

| Model                   | Model Years | Axle GAWR (either Axle or Susp) (lbs) | Axle Model(s) | Cab | WB (in)           | CA (in) | Frame | Engine | Fuel Tank Location | Brakes | OEM Susp. GAWR Type | Snow Chain Avail? | LiquidSpring Kit / Max Rating (lbs) | Comments                                                                                                                                                              | Application     |                               |          |                      |
|-------------------------|-------------|---------------------------------------|---------------|-----|-------------------|---------|-------|--------|--------------------|--------|---------------------|-------------------|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------------------------|----------|----------------------|
|                         |             |                                       |               |     |                   |         |       |        |                    |        |                     |                   |                                     |                                                                                                                                                                       | Adventure Truck | EMS, Fire and Rescue Vehicles | Mobility | Recreational Vehicle |
| FRONT<br>F53<br>24K GVW | 2020+       | 9000                                  | n/a           | n/a | 228<br>242<br>252 | n/a     | n/a   | n/a    | n/a                | n/a    | Steel Leaf<br>9000  | No                | FS90F53S3TE<br>9000                 | Front Suspension (requires DS175F53S3TE or DS175F53S3-DSTE Rear kit).<br>System is equipped with Tru-Earth Leveling.                                                  |                 |                               |          | X                    |
|                         |             |                                       |               |     |                   |         |       |        |                    |        |                     |                   | FS90F53S3-DSTE<br>9000              | Front Suspension (requires DS175F53S3-DSTE or DS175F53S3TE Rear kit).<br>Double Stack Front Volumes in-board at front.<br>System is equipped with Tru-Earth Leveling. |                 |                               |          | X                    |
| FRONT<br>F53<br>26K GVW | 2020+       | 9000                                  | n/a           | n/a | 228<br>242<br>252 | n/a     | n/a   | n/a    | n/a                | n/a    | Steel Leaf<br>9000  | No                | FS90F53S3TE<br>9000                 | Front Suspension (requires DS175F53S3TE or DS175F53S3-DSTE Rear kit).<br>System is equipped with Tru-Earth Leveling.                                                  |                 |                               |          | X                    |
|                         |             |                                       |               |     |                   |         |       |        |                    |        |                     |                   | FS90F53S3-DSTE<br>9000              | Front Suspension (requires DS175F53S3-DSTE or DS175F53S3TE Rear kit).<br>Double Stack Front Volumes in-board at front.<br>System is equipped with Tru-Earth Leveling. |                 |                               |          | X                    |
| REAR<br>F53<br>18K GVW  | 2009-2019   | 12000                                 | Dana 80       | n/a | 178<br>190<br>208 | n/a     | n/a   | n/a    | n/a                | n/a    | Steel Leaf<br>12000 | No                | DS120F53S2TE<br>12000               | (Requires FS70F53S2TE Front kit)<br>System is equipped with Tru-Earth Leveling™.                                                                                      |                 |                               |          | X                    |
|                         |             |                                       |               |     |                   |         |       |        |                    |        |                     |                   | DS120F53S2-DSTE<br>12000            | (Requires FS70F53S2-DSTE Front kit)<br>Double Stack Rear Volumes aft of fuel tank.<br>PM aft of fuel tank.<br>System is equipped with Tru-Earth Leveling™.            |                 |                               |          | X                    |

## LiquidSpring Application Guide: Full Line, p/n D11534 Rev KY

| Model                    | Model Years | Axle GAWR (either Axle or Susp) (lbs) | Axle Model(s) | Cab | WB (in)           | CA (in) | Frame | Engine | Fuel Tank Location | Brakes | OEM Susp. GAWR Type | Snow Chain Avail? | LiquidSpring Kit / Max Rating (lbs) | Comments                                                                                                                                          | Application                                      |          |                      |
|--------------------------|-------------|---------------------------------------|---------------|-----|-------------------|---------|-------|--------|--------------------|--------|---------------------|-------------------|-------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|----------|----------------------|
|                          |             |                                       |               |     |                   |         |       |        |                    |        |                     |                   |                                     |                                                                                                                                                   | Adventure Truck<br>EMS, Fire and Rescue Vehicles | Mobility | Recreational Vehicle |
| REAR<br>F53<br>20.5K GVW | 2009-2019   | 13500                                 | Dana S110     | n/a | 208<br>228        | n/a     | n/a   | n/a    | n/a                | n/a    | Steel Leaf<br>13500 | No                | DS150F53S2TE<br>15000               | (Requires FS80F53S2TE or FS80F53S2-DSTE Front kit)<br>System is equipped with Tru-Earth Leveling™.                                                |                                                  |          | X                    |
|                          |             |                                       |               |     |                   |         |       |        |                    |        |                     |                   | DS150F53S2-DSTE<br>15000            | (Requires FS80F53S2-DSTE or FS80F53S2TE Front kit)<br>Double Stack Rear Volumes aft of fuel tank.<br>System is equipped with Tru-Earth Leveling™. |                                                  |          | X                    |
| REAR<br>F53<br>22K GVW   | 2009-2019   | 15000                                 | Dana S130     | n/a | 208<br>228<br>242 | n/a     | n/a   | n/a    | n/a                | n/a    | Steel Leaf<br>15000 | No                | DS150F53S2TE<br>15000               | (Requires FS80F53S2TE or FS80F53S2-DSTE Front kit)<br>System is equipped with Tru-Earth Leveling™.                                                |                                                  |          | X                    |
|                          |             |                                       |               |     |                   |         |       |        |                    |        |                     |                   | DS150F53S2-DSTE<br>15000            | (Requires FS80F53S2-DSTE or FS80F53S2TE Front kit)<br>Double Stack Rear Volumes aft of fuel tank.<br>System is equipped with Tru-Earth Leveling™. |                                                  |          | X                    |
| REAR<br>F53<br>24K GVW   | 2009-2019   | 15500                                 | Dana 17060S   | n/a | 228<br>242<br>252 | n/a     | n/a   | n/a    | n/a                | n/a    | Steel Leaf<br>15500 | No                | DS175F53S2TE<br>17500               | (Requires FS90F53S2TE or FS90F53S2-DSTE Front kit)<br>System is equipped with Tru-Earth Leveling™.                                                |                                                  |          | X                    |
|                          |             |                                       |               |     |                   |         |       |        |                    |        |                     |                   | DS175F53S2-DSTE<br>17500            | (Requires FS90F53S2-DSTE or FS90F53S2TE Front kit)<br>Double Stack Rear Volumes aft of fuel tank.<br>System is equipped with Tru-Earth Leveling™. |                                                  |          | X                    |

## LiquidSpring Application Guide: Full Line, p/n D11534 Rev KY

| Model                    | Model Years | Axle GAWR (either Axle or Susp) (lbs) | Axle Model(s) | Cab | WB (in)           | CA (in) | Frame | Engine | Fuel Tank Location | Brakes | OEM Susp. GAWR Type | Snow Chain Avail? | LiquidSpring Kit / Max Rating (lbs) | Comments                                                                                                                                          | Application                                      |          |                      |
|--------------------------|-------------|---------------------------------------|---------------|-----|-------------------|---------|-------|--------|--------------------|--------|---------------------|-------------------|-------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|----------|----------------------|
|                          |             |                                       |               |     |                   |         |       |        |                    |        |                     |                   |                                     |                                                                                                                                                   | Adventure Truck<br>EMS, Fire and Rescue Vehicles | Mobility | Recreational Vehicle |
| REAR<br>F53<br>26K GVW   | 2009-2019   | 17500                                 | Dana 17060S   | n/a | 228<br>242<br>252 | n/a     | n/a   | n/a    | n/a                | n/a    | Steel Leaf<br>17500 | No                | DS175F53S2TE<br>17500               | (Requires FS90F53S2TE or FS90F53S2-DSTE Front kit)<br>System is equipped with Tru-Earth Leveling™.                                                |                                                  |          | X                    |
|                          |             |                                       |               |     |                   |         |       |        |                    |        |                     |                   | DS175F53S2-DSTE<br>17500            | (Requires FS90F53S2-DSTE or FS90F53S2TE Front kit)<br>Double Stack Rear Volumes aft of fuel tank.<br>System is equipped with Tru-Earth Leveling™. |                                                  |          | X                    |
| REAR<br>F53<br>18K GVW   | 2020+       | 12000                                 | Dana S110     | n/a | 178<br>190<br>208 | n/a     | n/a   | n/a    | n/a                | n/a    | Steel Leaf<br>12000 | No                | DS120F53S3TE<br>12000               | (Requires FS70F53S3TE Front kit).<br>System is equipped with Tru-Earth Leveling™.                                                                 |                                                  |          | X                    |
|                          |             |                                       |               |     |                   |         |       |        |                    |        |                     |                   | DS120F53S3-DSTE<br>12000            | (Requires FS70F53S3-DSTE Front kit)<br>Double Stack Rear Volumes & PM aft of fuel tank.<br>System is equipped with Tru-Earth Leveling™.           |                                                  |          | X                    |
| REAR<br>F53<br>20.5K GVW | 2020+       | 13500                                 | Dana S130     | n/a | 208<br>228        | n/a     | n/a   | n/a    | n/a                | n/a    | Steel Leaf<br>13500 | No                | DS150F53S3TE<br>15000               | (Requires FS80F53S3TE or FS80F53S3-DSTE Front kit)<br>System is equipped with Tru-Earth Leveling™.                                                |                                                  |          | X                    |
|                          |             |                                       |               |     |                   |         |       |        |                    |        |                     |                   | DS150F53S3-DSTE<br>15000            | (Requires FS80F53S3-DSTE or FS80F53S3TE Front kit)<br>Double Stack Rear Volumes aft of fuel tank.<br>System is equipped with Tru-Earth Leveling™. |                                                  |          | X                    |

## LiquidSpring Application Guide: Full Line, p/n D11534 Rev KY

| Model                  | Model Years | Axle GAWR (either Axle or Susp) (lbs) | Axle Model(s) | Cab | WB (in)           | CA (in) | Frame | Engine | Fuel Tank Location | Brakes | OEM Susp. GAWR Type | Snow Chain Avail? | LiquidSpring Kit / Max Rating (lbs) | Comments                                                                                                                                          | Application                                      |          |                      |
|------------------------|-------------|---------------------------------------|---------------|-----|-------------------|---------|-------|--------|--------------------|--------|---------------------|-------------------|-------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|----------|----------------------|
|                        |             |                                       |               |     |                   |         |       |        |                    |        |                     |                   |                                     |                                                                                                                                                   | Adventure Truck<br>EMS, Fire and Rescue Vehicles | Mobility | Recreational Vehicle |
| REAR<br>F53<br>22K GVW | 2020+       | 15000                                 | Dana S130     | n/a | 208<br>228<br>242 | n/a     | n/a   | n/a    | n/a                | n/a    | Steel Leaf<br>15000 | No                | DS150F53S3TE<br>15000               | (Requires FS80F53S3TE or FS80F53S3-DSTE Front kit)<br>System is equipped with Tru-Earth Leveling™.                                                |                                                  |          | X                    |
|                        |             |                                       |               |     |                   |         |       |        |                    |        |                     |                   | DS150F53S3-DSTE<br>15000            | (Requires FS80F53S3-DSTE or FS80F53S3TE Front kit)<br>Double Stack Rear Volumes aft of fuel tank.<br>System is equipped with Tru-Earth Leveling™. |                                                  |          | X                    |
| REAR<br>F53<br>24K GVW | 2020+       | 15500                                 | Dana S140     | n/a | 228<br>242<br>252 | n/a     | n/a   | n/a    | n/a                | n/a    | Steel Leaf<br>15500 | No                | DS175F53S3TE<br>17500               | (Requires FS90F53S3TE or FS90F53S3-DSTE Front kit)<br>System is equipped with Tru-Earth Leveling™.                                                |                                                  |          | X                    |
|                        |             |                                       |               |     |                   |         |       |        |                    |        |                     |                   | DS175F53S3-DSTE<br>17500            | (Requires FS90F53S3-DSTE or FS90F53S3TE Front kit)<br>Double Stack Rear Volumes aft of fuel tank.<br>System is equipped with Tru-Earth Leveling™. |                                                  |          | X                    |
| REAR<br>F53<br>26K GVW | 2020+       | 17500                                 | Dana S140     | n/a | 228<br>242<br>252 | n/a     | n/a   | n/a    | n/a                | n/a    | Steel Leaf<br>17500 | No                | DS175F53S3TE<br>17500               | (Requires FS90F53S3TE or FS90F53S3-DSTE Front kit)<br>System is equipped with Tru-Earth Leveling™.                                                |                                                  |          | X                    |
|                        |             |                                       |               |     |                   |         |       |        |                    |        |                     |                   | DS175F53S3-DSTE<br>17500            | (Requires FS90F53S3-DSTE or FS90F53S3TE Front kit)<br>Double Stack Rear Volumes aft of fuel tank.<br>System is equipped with Tru-Earth Leveling™. |                                                  |          | X                    |

## LiquidSpring Application Guide: Full Line, p/n D11534 Rev KY

|                             |              |                                       |                                                                      |     |         |         |                                                                                                 |                        |                    |                     |                     |                   |                                     |                                                                                                                                                                                                                                                                                                                                                                                             | Application     |                               |          |                      |
|-----------------------------|--------------|---------------------------------------|----------------------------------------------------------------------|-----|---------|---------|-------------------------------------------------------------------------------------------------|------------------------|--------------------|---------------------|---------------------|-------------------|-------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------------------------|----------|----------------------|
| Model                       | Model Years  | Axle GAWR (either Axle or Susp) (lbs) | Axle Model(s)                                                        | Cab | WB (in) | CA (in) | Frame                                                                                           | Engine                 | Fuel Tank Location | Brakes              | OEM Susp. GAWR Type | Snow Chain Avail? | LiquidSpring Kit / Max Rating (lbs) | Comments                                                                                                                                                                                                                                                                                                                                                                                    | Adventure Truck | EMS, Fire and Rescue Vehicles | Mobility | Recreational Vehicle |
| Freightliner                |              |                                       |                                                                      |     |         |         |                                                                                                 |                        |                    |                     |                     |                   |                                     |                                                                                                                                                                                                                                                                                                                                                                                             |                 |                               |          |                      |
| REAR M2                     | 2012-Current | Up to 15000 (15000)                   | Meritor: MS-17-14X<br>Detroit: RS-17.5-4<br>RS-17.5-2<br>RS-15.0-2** | Any | n/a     | 84+     | 546-020<br>546-021<br>546-094<br>546-093<br>546-099<br>546-100<br>546-120<br>546-122<br>546-1AG | Cummins Detroit Diesel | Any                | Hydraulic***        |                     | Yes               | DS150FR-SSA 15000                   | Volumes forward, PM behind rear axle.<br>** Kit 11337 needed with DA RS 15.0-2 axle.<br>Kit created for Braun (other ambulance mfr can use). Has 10830-013 volume mounts in place of 10830-015.<br>*** Air brakes can be used if s-cams and s-cam tubes are converted to air ride compatible versions. <b>NOTE: 216"WB+ chassis requires 12507-001 &amp; 12508-001 extension harnesses.</b> |                 | X                             |          |                      |
|                             | 2012-Current | Up to 15000 (15000)                   |                                                                      | Any | n/a     | 84+     |                                                                                                 | Cummins Detroit Diesel | Forward Only       | Air Drum, Hydraulic |                     | Yes (hyd brks)    | DS150FR-A 15000                     | Volumes and PM behind rear axle.<br>** Kit 11338 needed with DA RS 15.0-2 axle<br><b>NOTE: 216"WB+ chassis requires 12507-001 &amp; 12508-001 extension harnesses.</b>                                                                                                                                                                                                                      | X               | X                             | X        | X                    |
|                             | 2012-Current | Up to 15000 (15000)                   |                                                                      | Any | n/a     | 84+     |                                                                                                 | Cummins Detroit Diesel | Any                | Air Drum, Hydraulic |                     | Yes (hyd brks)    | DS150FR-AS 15000                    | Volumes forward and PM behind rear axle.<br>** Kit 11338 needed with DA RS 15.0-2 axle<br><b>NOTE: 216"WB+ chassis requires 12507-001 &amp; 12508-001 extension harnesses.</b>                                                                                                                                                                                                              | X               | X                             | X        | X                    |
|                             | 2012-Current | Up to 15000 (15000)                   |                                                                      | Any | n/a     | 84+     |                                                                                                 | Cummins Detroit Diesel | Any                | Air Drum, Hydraulic |                     | Yes (hyd brks)    | DS150FR-ASA 15000                   | Volumes forward, PM behind rear axle.<br>** Kit 11338 needed with DA RS 15.0-2 axle.<br>Kit created for Braun (other ambulance mfr can use). Has 10830-013 volume mounts in place of 10830-015.<br><b>NOTE: 216"WB+ chassis requires 12507-001 &amp; 12508-001 extension harnesses.</b>                                                                                                     |                 | X                             |          |                      |
| Freightliner Custom Chassis |              |                                       |                                                                      |     |         |         |                                                                                                 |                        |                    |                     |                     |                   |                                     |                                                                                                                                                                                                                                                                                                                                                                                             |                 |                               |          |                      |
| REAR S2C                    | 2012-Current | Up to 15000                           | Meritor: MS-17-14X<br>Detroit: RS-17.5-4<br>RS-17.5-2<br>RS-15.0-2** | Any | n/a     | 84+     | n/a                                                                                             | Cummins Detroit Diesel | Rear               | Air Drum, Hydraulic | 23K Airliner        | No                | DS150FRC-A23 15000                  | Volumes and PM forward LH inside frame. Designed for 22.5" tires<br><b>NOTE: 216"WB+ chassis requires 12507-001 &amp; 12508-001 extension harnesses.</b>                                                                                                                                                                                                                                    | X               |                               | X        | X                    |
|                             | 2012-Current | Up to 17500                           | Meritor: MS-17-14X<br>Detroit: RS-17.5-4<br>RS-17.5-2<br>RS-15.0-2** | Any | n/a     | 84+     | n/a                                                                                             | Cummins Detroit Diesel | Rear               | Air Drum, Hydraulic | 23K Airliner        | No                | DS175FRC-A23 17500                  | Volumes and PM forward LH inside frame. Designed for 22.5" tires<br><b>NOTE: 216"WB+ chassis requires 12507-001 &amp; 12508-001 extension harnesses.</b>                                                                                                                                                                                                                                    | X               |                               | X        | X                    |

## LiquidSpring Application Guide: Full Line, p/n D11534 Rev KY

| Application                                      |               |                                                |                  |         |                     |                    |       |        |                       |        |                           |                      |                                        |                                                                                                                                                                                                     |                 |                               |          |                      |
|--------------------------------------------------|---------------|------------------------------------------------|------------------|---------|---------------------|--------------------|-------|--------|-----------------------|--------|---------------------------|----------------------|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------------------------|----------|----------------------|
| Model                                            | Model Years   | Axle<br>GAWR (either<br>Axle or Susp)<br>(lbs) | Axle<br>Model(s) | Cab     | WB<br>(in)          | CA<br>(in)         | Frame | Engine | Fuel Tank<br>Location | Brakes | OEM Susp.<br>GAWR<br>Type | Snow Chain<br>Avail? | LiquidSpring Kit<br>/ Max Rating (lbs) | Comments                                                                                                                                                                                            | Adventure Truck | EMS, Fire and Rescue Vehicles | Mobility | Recreational Vehicle |
| General Motors (Chevrolet/GMC)                   |               |                                                |                  |         |                     |                    |       |        |                       |        |                           |                      |                                        |                                                                                                                                                                                                     |                 |                               |          |                      |
| Express/Savana G-Series Cutaway                  |               |                                                |                  |         |                     |                    |       |        |                       |        |                           |                      |                                        |                                                                                                                                                                                                     |                 |                               |          |                      |
| FRONT<br>G3500<br>G4500                          | 2013- Current | 4600                                           | n/a              | Cutaway | 139,<br>159,<br>177 | 80,<br>100,<br>118 | n/a   | Gas    | Rear                  | n/a    | n/a                       | No                   | FS46GM<br>4600                         | Front Suspension<br>(requires Rear DS96GM5-AR kit)<br>Double Stack Volumes on Driver Side Frame Rail                                                                                                |                 | X                             | X        |                      |
|                                                  |               |                                                |                  |         |                     |                    |       |        |                       |        |                           |                      | FS46GM-SS<br>4600                      | Front Suspension<br>(requires Rear DS96GM5-AR kit)<br>Split Stack Volumes                                                                                                                           |                 | X                             | X        |                      |
| FRONT<br>G4500 based<br>Low Floor bus<br>(Arboc) | 2013- Current | 4600                                           | n/a              | Cutaway | 165,<br>191,<br>210 | n/a                | n/a   | Gas    | Rear                  | n/a    | n/a                       | No                   | FS46GM-SOA<br>4600                     | Front Suspension<br>(requires Rear DS96GM5-SOA/-SOASB kit)<br><b>Note: requires Frame Drilling Template Kit p/n: 12306</b><br>**Special unit for Arboc                                              |                 |                               |          | X                    |
| REAR<br>G3500:<br>G33503<br>G33803<br>G33903     | 2013-Current  | 8600                                           | n/a              | Cutaway | 139,<br>159,<br>177 | 80,<br>100,<br>118 | n/a   | Gas    | Midship               | n/a    | n/a                       | No                   | DS96GM5-AM<br>9600                     | PM rear mount, Includes Intermotive UIM for speed.                                                                                                                                                  | X               | X                             | X        |                      |
|                                                  | 2013-Current  | 8600                                           | n/a              | Cutaway | 139,<br>159,<br>177 | 80,<br>100,<br>118 | n/a   | Gas    | Rear                  | n/a    | n/a                       | No                   | DS96GM5-AR<br>9600                     | PM forward, LH inside frame, Includes Intermotive UIM for speed.                                                                                                                                    | X               | X                             | X        |                      |
| REAR<br>G4500:<br>G33803<br>G33903               | 2013-Current  | 9600                                           | n/a              | Cutaway | 139,<br>159,<br>177 | 80,<br>100,<br>118 | n/a   | Gas    | Midship               | n/a    | n/a                       | No                   | DS96GM5-AM<br>9600                     | PM rear mount, Includes Intermotive UIM for speed.                                                                                                                                                  | X               | X                             | X        |                      |
|                                                  | 2013-Current  | 9600                                           | n/a              | Cutaway | 139,<br>159,<br>177 | 80,<br>100,<br>118 | n/a   | Gas    | Rear                  | n/a    | n/a                       | No                   | DS96GM5-AR<br>9600                     | PM forward, LH inside frame, Includes Intermotive UIM for speed.                                                                                                                                    | X               | X                             | X        |                      |
| REAR<br>G4500 based<br>Low Floor bus<br>(Arboc)  | 2013-Current  | 9600                                           | n/a              | Cutaway | 191<br>210          | n/a                | n/a   | Gas    | Rear                  | n/a    | n/a                       | No                   | DS96GM5-ASF<br>9600                    | PM forward, LH inside frame, Volumes mounted high and outboard from frame.<br>Includes Intermotive UIM for speed.<br>** Special unit for Arboc.                                                     |                 |                               | X        |                      |
|                                                  |               |                                                |                  |         |                     |                    |       |        |                       |        |                           |                      | DS96GM5-SOA<br>9600                    | PM forward, LH inside frame, Volumes mounted high and outboard from frame.<br>Includes Intermotive UIM for speed.<br>(Requires FS46GM-SOA Front Kit).<br>** Special unit for Arboc                  |                 |                               | X        |                      |
|                                                  |               |                                                |                  |         | 165                 | n/a                | n/a   | Gas    | Rear                  | n/a    | n/a                       | No                   | DS96GM5-ASFSB<br>9600                  | PM forward, LH inside frame, Volumes mounted high and outboard from frame, short wheelbase.<br>Includes Intermotive UIM for speed.<br>** Special unit for Arboc.                                    |                 |                               | X        |                      |
|                                                  |               |                                                |                  |         |                     |                    |       |        |                       |        |                           |                      | DS96GM5-SOASB<br>9600                  | PM forward, LH inside frame, Volumes mounted high and outboard from frame, short wheelbase.<br>Includes Intermotive UIM for speed.<br>(Requires FS46GM-SOA Front Kit).<br>** Special unit for Arboc |                 |                               | X        |                      |

## LiquidSpring Application Guide: Full Line, p/n D11534 Rev KY

|                                   |              |                                       |                 |           |           |         |        |             |                    |                |                         |                   |                                     |                                                                                                                                                                       |                 | Application                   |          |                      |  |
|-----------------------------------|--------------|---------------------------------------|-----------------|-----------|-----------|---------|--------|-------------|--------------------|----------------|-------------------------|-------------------|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------------------------|----------|----------------------|--|
| Model                             | Model Years  | Axle GAWR (either Axle or Susp) (lbs) | Axle Model(s)   | Cab       | WB (in)   | CA (in) | Frame  | Engine      | Fuel Tank Location | Brakes         | OEM Susp. GAWR Type     | Snow Chain Avail? | LiquidSpring Kit / Max Rating (lbs) | Comments                                                                                                                                                              | Adventure Truck | EMS, Fire and Rescue Vehicles | Mobility | Recreational Vehicle |  |
| Silverado/Sierra Cab Chassis      |              |                                       |                 |           |           |         |        |             |                    |                |                         |                   |                                     |                                                                                                                                                                       |                 |                               |          |                      |  |
| REAR C/K 3500HD: C/K 36403/31403  | 2020-Current | 10500                                 | *Wide Track     | Reg       | 171       | 84.5    | n/a    | Gas         | Any                | n/a            | n/a                     | TBD               | DS105GM2 10500                      | *Requires GTY wide track rear axle; Midship delete with diesel, DEF relocation inside framerail only. Customer needs to order parts from GM prior to harness install; | X               | X                             |          |                      |  |
|                                   |              |                                       |                 |           |           |         | Diesel | Rear        |                    |                |                         |                   |                                     |                                                                                                                                                                       |                 |                               |          |                      |  |
|                                   | 2020-Current | 10500                                 | *Wide Track     | Reg       | 171       | 84.5    | n/a    | Gas         | Any                | n/a            | n/a                     | TBD               | DS105GM2F 10500                     | *Requires GTY wide track rear axle; Midship delete with diesel, DEF relocation inside framerail only; PM mounted behind rear tank                                     | X               | X                             |          |                      |  |
|                                   |              |                                       |                 |           |           |         | Diesel | Rear        |                    |                |                         |                   |                                     |                                                                                                                                                                       |                 |                               |          |                      |  |
| Silverado Cab Chassis Medium Duty |              |                                       |                 |           |           |         |        |             |                    |                |                         |                   |                                     |                                                                                                                                                                       |                 |                               |          |                      |  |
| REAR 4500HD 4x2 (15K-16.5K GVW)   | 2019-Current | 10000-13500                           | S14-110 S16-130 | Reg, Crew | Min. 165" | 84, 108 | n/a    | Gas, Diesel | Rear               | Hydraulic Only | 10K-13.5K Steel Leaf    | Yes               | DS135NCV2-S 13500                   | 4x2 only; <b>No S140 axle</b>                                                                                                                                         |                 | X                             |          |                      |  |
|                                   | 2019-Current | 10000-13500                           | S14-110 S16-130 | Reg, Crew | Min. 165" | 84, 108 | n/a    | Gas, Diesel | Rear               | Hydraulic Only | 10K-13.5K IROS Air Ride | Yes               | DS135NCV2-A 13500                   | 4x2 only; 2021+ requires calibration file update at GM dealer for Stabilitrak option; <b>No S140 axle</b>                                                             |                 | X                             |          |                      |  |
|                                   | 2019-Current | 10000-13500                           | S14-110 S16-130 | Reg, Crew | Min. 165" | 84, 108 | n/a    | Gas, Diesel | Rear/Midship       | Hydraulic Only | 10K-13.5K Steel Leaf    | Yes               | DS135NCV2-SF 13500                  | 4x2 only; Vol. split along frame rails; Rear PM; <b>No S140 axle</b>                                                                                                  |                 | X                             |          |                      |  |
|                                   | 2019-Current | 10000-13500                           | S14-110 S16-130 | Reg, Crew | Min. 165" | 84, 108 | n/a    | Gas, Diesel | Rear/Midship       | Hydraulic Only | 10K-13.5K IROS Air Ride | Yes               | DS135NCV2-AF 13500                  | 4x2 only; Vol. split along frame rails; Rear PM; 2021+ requires calibration file update at GM dealer for Stabilitrak option; <b>No S140 axle</b>                      |                 | X                             |          |                      |  |
| REAR 4500HD 4x4 (15K-16.5K)       | 2019-Current | 10000-13500                           | S14-110 S16-130 | Reg, Crew | Min. 165" | 84, 108 | n/a    | Gas, Diesel | Rear               | Hydraulic Only | 10K-13.5K Steel Leaf    | Yes               | DS135NCV4-S 13500                   | 4x4 only; <b>No S140 axle</b>                                                                                                                                         |                 | X                             |          |                      |  |
|                                   | 2019-Current | 10000-13500                           | S14-110 S16-130 | Reg, Crew | Min. 165" | 84, 108 | n/a    | Gas, Diesel | Rear/Midship       | Hydraulic Only | 10K-13.5K Steel Leaf    | Yes               | DS135NCV4-SF 13500                  | 4x4 only; Vol. split along frame rails; Rear PM; <b>No S140 axle</b>                                                                                                  |                 | X                             |          |                      |  |
| REAR 5500HD 4x2 (17.5-19.5K GVW)  | 2019-Current | 10000-13500                           | S14-110 S16-130 | Reg, Crew | Min. 165" | 84, 108 | n/a    | Gas, Diesel | Rear               | Hydraulic Only | 10K-13.5K Steel Leaf    | Yes               | DS135NCV2-S 13500                   | 4x2 only; <b>No S140 axle</b>                                                                                                                                         |                 | X                             |          |                      |  |
|                                   | 2019-Current | 10000-13500                           | S14-110 S16-130 | Reg, Crew | Min. 165" | 84, 108 | n/a    | Gas, Diesel | Rear               | Hydraulic Only | 10K-13.5K IROS Air Ride | Yes               | DS135NCV2-A 13500                   | 4x2 only; 2021+ requires calibration file update at GM dealer for Stabilitrak option; <b>No S140 axle</b>                                                             |                 | X                             |          |                      |  |
|                                   | 2019-Current | 10000-13500                           | S14-110 S16-130 | Reg, Crew | Min. 165" | 84, 108 | n/a    | Gas, Diesel | Rear/Midship       | Hydraulic Only | 10K-13.5K Steel Leaf    | Yes               | DS135NCV2-SF 13500                  | 4x2 only; Vol. split along frame rails; Rear PM; <b>No S140 axle</b>                                                                                                  |                 | X                             |          |                      |  |
|                                   | 2019-Current | 10000-13500                           | S14-110 S16-130 | Reg, Crew | Min. 165" | 84, 108 | n/a    | Gas, Diesel | Rear/Midship       | Hydraulic Only | 10K-13.5K IROS Air Ride | Yes               | DS135NCV2-AF 13500                  | 4x2 only; Vol. split along frame rails; Rear PM; 2021+ requires calibration file update at GM dealer for Stabilitrak option; <b>No S140 axle</b>                      |                 | X                             |          |                      |  |
|                                   | 2019-Current | 15000-15500                           | S16-130         | Reg, Crew | Min. 165" | 84, 108 | n/a    | Gas, Diesel | Rear               | Hydraulic Only | 15K-15.5K Steel Leaf    | Yes               | DS155NCV2-S 15500                   | 4x2 only; <b>No S140 axle</b>                                                                                                                                         |                 | X                             |          |                      |  |
|                                   | 2019-Current | 15000-15500                           | S16-130         | Reg, Crew | Min. 165" | 84, 108 | n/a    | Gas, Diesel | Rear               | Hydraulic Only | 15K-15.5K IROS Air Ride | Yes               | DS155NCV2-A 15500                   | 4x2 only; 2021+ requires calibration file update at GM dealer for Stabilitrak option; <b>No S140 axle</b>                                                             |                 | X                             |          |                      |  |
|                                   | 2019-Current | 15000-15500                           | S16-130         | Reg, Crew | Min. 165" | 84, 108 | n/a    | Gas, Diesel | Rear/Midship       | Hydraulic Only | 15K-15.5K Steel Leaf    | Yes               | DS155NCV2-SF 15500                  | 4x2 only; Vol. split along frame rails; Rear PM; <b>No S140 axle</b>                                                                                                  |                 | X                             |          |                      |  |
|                                   | 2019-Current | 15000-15500                           | S16-130         | Reg, Crew | Min. 165" | 84, 108 | n/a    | Gas, Diesel | Rear/Midship       | Hydraulic Only | 15K-15.5K Steel Leaf    | Yes               | DS155NCV2-SFHD 15500                | 4x2 only; Vol. split along frame rails; Rear PM; <b>No S140 axle</b> ; Heavy duty struts                                                                              |                 | X                             |          |                      |  |
|                                   | 2019-Current | 15000-15500                           | S16-130         | Reg, Crew | Min. 165" | 84, 108 | n/a    | Gas, Diesel | Rear/Midship       | Hydraulic Only | 15K-15.5K IROS Air Ride | Yes               | DS155NCV2-AF 15500                  | 4x2 only; Vol. split along frame rails; Rear PM; 2021+ requires calibration file update at GM dealer for Stabilitrak option; <b>No S140 axle</b>                      |                 | X                             |          |                      |  |

## LiquidSpring Application Guide: Full Line, p/n D11534 Rev KY

| Model                            | Model Years  | Axle GAWR (either Axle or Susp) (lbs) | Axle Model(s)   | Cab       | WB (in)   | CA (in) | Frame | Engine      | Fuel Tank Location | Brakes         | OEM Susp. GAWR Type     | Snow Chain Avail? | LiquidSpring Kit / Max Rating (lbs) | Comments                                                                                                                                         | Application     |                               |                      |
|----------------------------------|--------------|---------------------------------------|-----------------|-----------|-----------|---------|-------|-------------|--------------------|----------------|-------------------------|-------------------|-------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------------------------|----------------------|
|                                  |              |                                       |                 |           |           |         |       |             |                    |                |                         |                   |                                     |                                                                                                                                                  | Adventure Truck | EMS, Fire and Rescue Vehicles | Recreational Vehicle |
| REAR 5500HD 4x4 (17.5-19.5K GVW) | 2019-Current | 10000-13500                           | S14-110 S16-130 | Reg, Crew | Min. 165" | 84, 108 | n/a   | Gas, Diesel | Rear               | Hydraulic Only | 10K-13.5K Steel Leaf    | Yes               | DS135NCV4-S 13500                   | 4x4 only; <b>No S140 axle</b>                                                                                                                    |                 | X                             |                      |
|                                  | 2019-Current | 10000-13500                           | S14-110 S16-130 | Reg, Crew | Min. 165" | 84, 108 | n/a   | Gas, Diesel | Rear/Midship       | Hydraulic Only | 10K-13.5K Steel Leaf    | Yes               | DS135NCV4-SF 13500                  | 4x4 only; Vol. split along frame rails; Rear PM; <b>No S140 axle</b>                                                                             |                 | X                             |                      |
|                                  | 2019-Current | 15000-15500                           | S16-130         | Reg, Crew | Min. 165" | 84, 108 | n/a   | Gas, Diesel | Rear               | Hydraulic Only | 15K-15.5K Steel Leaf    | Yes               | DS155NCV4-S 15500                   | 4x4 only; <b>No S140 axle</b>                                                                                                                    |                 | X                             |                      |
|                                  | 2019-Current | 15000-15500                           | S16-130         | Reg, Crew | Min. 165" | 84, 108 | n/a   | Gas, Diesel | Rear/Midship       | Hydraulic Only | 15K-15.5K Steel Leaf    | Yes               | DS155NCV4-SF 15500                  | 4x4 only; Vol. split along frame rails; Rear PM; <b>No S140 axle</b>                                                                             |                 | X                             |                      |
|                                  | 2019-Current | 15000-15500                           | S16-130         | Reg, Crew | Min. 165" | 84, 108 | n/a   | Gas, Diesel | Rear/Midship       | Hydraulic Only | 15K-15.5K Steel Leaf    | Yes               | DS155NCV4-SM 15500                  | Vol. double stacked pass. side; PM at rear; May require 12156 compartment mod kit; <b>No S140 axle</b>                                           |                 |                               | X                    |
| REAR 6500HD 4x2 (21K-22.94K GVW) | 2019-Current | 10000-13500                           | S14-110 S16-130 | Reg, Crew | Min. 165" | 84, 108 | n/a   | Gas, Diesel | Rear               | Hydraulic Only | 10K-13.5K Steel Leaf    | Yes               | DS135NCV2-S 13500                   | 4x2 only; <b>No S140 axle</b>                                                                                                                    |                 | X                             |                      |
|                                  | 2019-Current | 10000-13500                           | S14-110 S16-130 | Reg, Crew | Min. 165" | 84, 108 | n/a   | Gas, Diesel | Rear               | Hydraulic Only | 10K-13.5K IROS Air Ride | Yes               | DS135NCV2-A 13500                   | 4x2 only; 2021+ requires calibration file update at GM dealer for Stabilitrak option; <b>No S140 axle</b>                                        |                 | X                             |                      |
|                                  | 2019-Current | 10000-13500                           | S14-110 S16-130 | Reg, Crew | Min. 165" | 84, 108 | n/a   | Gas, Diesel | Rear/Midship       | Hydraulic Only | 10K-13.5K Steel Leaf    | Yes               | DS135NCV2-SF 13500                  | 4x2 only; Vol. split along frame rails; Rear PM; <b>No S140 axle</b>                                                                             |                 | X                             |                      |
|                                  | 2019-Current | 10000-13500                           | S14-110 S16-130 | Reg, Crew | Min. 165" | 84, 108 | n/a   | Gas, Diesel | Rear/Midship       | Hydraulic Only | 10K-13.5K IROS Air Ride | Yes               | DS135NCV2-AF 13500                  | 4x2 only; Vol. split along frame rails; Rear PM; 2021+ requires calibration file update at GM dealer for Stabilitrak option; <b>No S140 axle</b> |                 | X                             |                      |
|                                  | 2019-Current | 15000-15500                           | S16-130         | Reg, Crew | Min. 165" | 84, 108 | n/a   | Gas, Diesel | Rear               | Hydraulic Only | 15K-15.5K Steel Leaf    | Yes               | DS155NCV2-S 15500                   | 4x2 only; <b>No S140 axle</b>                                                                                                                    |                 | X                             |                      |
|                                  | 2019-Current | 15000-15500                           | S16-130         | Reg, Crew | Min. 165" | 84, 108 | n/a   | Gas, Diesel | Rear               | Hydraulic Only | 15K-15.5K IROS Air Ride | Yes               | DS155NCV2-A 15500                   | 4x2 only; 2021+ requires calibration file update at GM dealer for Stabilitrak option; <b>No S140 axle</b>                                        |                 | X                             |                      |
|                                  | 2019-Current | 15000-15500                           | S16-130         | Reg, Crew | Min. 165" | 84, 108 | n/a   | Gas, Diesel | Rear/Midship       | Hydraulic Only | 15K-15.5K Steel Leaf    | Yes               | DS155NCV2-SF 15500                  | 4x2 only; Vol. split along frame rails; Rear PM; <b>No S140 axle</b>                                                                             |                 | X                             |                      |
|                                  | 2019-Current | 15000-15500                           | S16-130         | Reg, Crew | Min. 165" | 84, 108 | n/a   | Gas, Diesel | Rear/Midship       | Hydraulic Only | 15K-15.5K Steel Leaf    | Yes               | DS155NCV2-SFHD 15500                | 4x2 only; Vol. split along frame rails; Rear PM; <b>No S140 axle</b> ; Heavy duty struts                                                         |                 | X                             |                      |
|                                  | 2019-Current | 15000-15500                           | S16-130         | Reg, Crew | Min. 165" | 84, 108 | n/a   | Gas, Diesel | Rear/Midship       | Hydraulic Only | 15K-15.5K IROS Air Ride | Yes               | DS155NCV2-AF 15500                  | 4x2 only; Vol. split along frame rails; Rear PM; 2021+ requires calibration file update at GM dealer for Stabilitrak option; <b>No S140 axle</b> |                 | X                             |                      |
| REAR 6500HD 4x4 (21K-22.94K GVW) | 2019-Current | 10000-13500                           | S14-110 S16-130 | Reg, Crew | Min. 165" | 84, 108 | n/a   | Gas, Diesel | Rear               | Hydraulic Only | 10K-13.5K Steel Leaf    | Yes               | DS135NCV4-S 13500                   | 4x4 only; <b>No S140 axle</b>                                                                                                                    |                 | X                             |                      |
|                                  | 2019-Current | 10000-13500                           | S14-110 S16-130 | Reg, Crew | Min. 165" | 84, 108 | n/a   | Gas, Diesel | Rear/Midship       | Hydraulic Only | 10K-13.5K Steel Leaf    | Yes               | DS135NCV4-SF 13500                  | 4x4 only; Vol. split along frame rails; Rear PM; <b>No S140 axle</b>                                                                             |                 | X                             |                      |
|                                  | 2019-Current | 15000-15500                           | S16-130         | Reg, Crew | Min. 165" | 84, 108 | n/a   | Gas, Diesel | Rear               | Hydraulic Only | 15K-15.5K Steel Leaf    | Yes               | DS155NCV4-S 15500                   | 4x4 only; <b>No S140 axle</b>                                                                                                                    |                 | X                             |                      |
|                                  | 2019-Current | 15000-15500                           | S16-130         | Reg, Crew | Min. 165" | 84, 108 | n/a   | Gas, Diesel | Rear/Midship       | Hydraulic Only | 15K-15.5K Steel Leaf    | Yes               | DS155NCV4-SF 15500                  | 4x4 only; Vol. split along frame rails; Rear PM; <b>No S140 axle</b>                                                                             |                 | X                             |                      |
|                                  | 2019-Current | 15000-15500                           | S16-130         | Reg, Crew | Min. 165" | 84, 108 | n/a   | Gas, Diesel | Rear/Midship       | Hydraulic Only | 15K-15.5K Steel Leaf    | Yes               | DS155NCV4-SM 15500                  | Vol. double stacked pass. side; PM at rear; May require 12156 compartment mod kit; <b>No S140 axle</b>                                           |                 |                               | X                    |

## LiquidSpring Application Guide: Full Line, p/n D11534 Rev KY

| Application                                                                             |              |                                       |                    |           |                 |         |       |             |                    |                |                     |                   |                                     |                                                                                                                                                     |                 |                               |          |                      |
|-----------------------------------------------------------------------------------------|--------------|---------------------------------------|--------------------|-----------|-----------------|---------|-------|-------------|--------------------|----------------|---------------------|-------------------|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------------------------|----------|----------------------|
| Model                                                                                   | Model Years  | Axle GAWR (either Axle or Susp) (lbs) | Axle Model(s)      | Cab       | WB (in)         | CA (in) | Frame | Engine      | Fuel Tank Location | Brakes         | OEM Susp. GAWR Type | Snow Chain Avail? | LiquidSpring Kit / Max Rating (lbs) | Comments                                                                                                                                            | Adventure Truck | EMS, Fire and Rescue Vehicles | Mobility | Recreational Vehicle |
| General Motors (Chevrolet/GMC) -- TSC Install (Only Available at Chevrolet/GMC Dealers) |              |                                       |                    |           |                 |         |       |             |                    |                |                     |                   |                                     |                                                                                                                                                     |                 |                               |          |                      |
| Silverado Cab Chassis Medium Duty -- TCS Ship-Thru Code: WU2                            |              |                                       |                    |           |                 |         |       |             |                    |                |                     |                   |                                     |                                                                                                                                                     |                 |                               |          |                      |
| REAR<br>4500HD<br>5500HD<br>6500HD<br>4x2<br>(15K-22.94K GVW)                           | 2019-Current | 10000-13500                           | S14-110<br>S16-130 | Reg. Crew | Min. 189" (ER2) | 84, 108 | n/a   | Gas, Diesel | Rear               | Hydraulic Only | N/A                 | Yes               | DS135NCV2-NV6 13500                 | Chevrolet Order Code: 91C (13.5K LiquidSpring Accommodation Pkg) Volumes double stacked on driver side, PM located behind axle; <b>No S140 axle</b> |                 | X                             |          |                      |
|                                                                                         | 2019-Current | 10000-13500                           | S14-110<br>S16-130 | Reg. Crew | Min. 189" (ER2) | 84, 108 | n/a   | Gas, Diesel | Rear               | Hydraulic Only | N/A                 | Yes               | DS135NCV2-NSTV6 13500               | Chevrolet Order Code: 91B (13.5K LiquidSpring Accommodation Pkg) Volumes each side, PM located behind axle; <b>No S140 axle</b>                     |                 | X                             |          |                      |
|                                                                                         | 2019-Current | 15000-15500                           | S16-130            | Reg. Crew | Min. 189" (ER2) | 84, 108 | n/a   | Gas, Diesel | Rear               | Hydraulic Only | N/A                 | Yes               | DS155NCV2-NV6 15500                 | Chevrolet Order Code: 91E (15.5K LiquidSpring Accommodation Pkg) Volumes double stacked on driver side, PM located behind axle; <b>No S140 axle</b> |                 | X                             |          |                      |
|                                                                                         | 2019-Current | 15000-15500                           | S16-130            | Reg. Crew | Min. 189" (ER2) | 84, 108 | n/a   | Gas, Diesel | Rear               | Hydraulic Only | N/A                 | Yes               | DS155NCV2-NSTV6 15500               | Chevrolet Order Code: 91D (15.5K LiquidSpring Accommodation Pkg) Volumes each side, PM located behind axle; <b>No S140 axle</b>                     |                 | X                             |          |                      |
| REAR<br>4500HD<br>5500HD<br>6500HD<br>4x4<br>(15K-22.94K GVW)                           | 2019-Current | 10000-13500                           | S14-110<br>S16-130 | Reg. Crew | Min. 189" (ER2) | 84, 108 | n/a   | Gas, Diesel | Rear               | Hydraulic Only | N/A                 | Yes               | DS135NCV4-NV6 13500                 | Chevrolet Order Code: 91C (13.5K LiquidSpring Accommodation Pkg) Volumes double stacked on driver side, PM located behind axle; <b>No S140 axle</b> |                 | X                             |          |                      |
|                                                                                         | 2019-Current | 10000-13500                           | S14-110<br>S16-130 | Reg. Crew | Min. 189" (ER2) | 84, 108 | n/a   | Gas, Diesel | Rear               | Hydraulic Only | N/A                 | Yes               | DS135NCV4-NSTV6 13500               | Chevrolet Order Code: 91B (13.5K LiquidSpring Accommodation Pkg) Volumes each side, PM located behind axle; <b>No S140 axle</b>                     |                 | X                             |          |                      |
|                                                                                         | 2019-Current | 15000-15500                           | S16-130            | Reg. Crew | Min. 189" (ER2) | 84, 108 | n/a   | Gas, Diesel | Rear               | Hydraulic Only | N/A                 | Yes               | DS155NCV4-NV6 15500                 | Chevrolet Order Code: 91E (15.5K LiquidSpring Accommodation Pkg) Volumes double stacked on driver side, PM located behind axle; <b>No S140 axle</b> |                 | X                             |          |                      |
|                                                                                         | 2019-Current | 15000-15500                           | S16-130            | Reg. Crew | Min. 189" (ER2) | 84, 108 | n/a   | Gas, Diesel | Rear               | Hydraulic Only | N/A                 | Yes               | DS155NCV4-NSTV6 15500               | Chevrolet Order Code: 91D (15.5K LiquidSpring Accommodation Pkg) Volumes each side, PM located behind axle; <b>No S140 axle</b>                     |                 | X                             |          |                      |

## LiquidSpring Application Guide: Full Line, p/n D11534 Rev KY

| Application                                                                      |              |                                       |                 |           |           |         |       |             |                    |                |                         |                   |                                     |                                                                                                                                                  |                 |                               |          |                      |
|----------------------------------------------------------------------------------|--------------|---------------------------------------|-----------------|-----------|-----------|---------|-------|-------------|--------------------|----------------|-------------------------|-------------------|-------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------------------------|----------|----------------------|
| Model                                                                            | Model Years  | Axle GAWR (either Axle or Susp) (lbs) | Axle Model(s)   | Cab       | WB (in)   | CA (in) | Frame | Engine      | Fuel Tank Location | Brakes         | OEM Susp. GAWR Type     | Snow Chain Avail? | LiquidSpring Kit / Max Rating (lbs) | Comments                                                                                                                                         | Adventure Truck | EMS, Fire and Rescue Vehicles | Mobility | Recreational Vehicle |
| International (Navistar) -- See next section for CBC/TSC Installations Available |              |                                       |                 |           |           |         |       |             |                    |                |                         |                   |                                     |                                                                                                                                                  |                 |                               |          |                      |
| CV (see next section for TSC Installations available)                            |              |                                       |                 |           |           |         |       |             |                    |                |                         |                   |                                     |                                                                                                                                                  |                 |                               |          |                      |
| REAR CV 4x2                                                                      | 2019-Current | 10000-13500                           | S14-110 S16-130 | Reg, Crew | Min. 165" | 84, 108 | n/a   | Gas, Diesel | Rear               | Hydraulic Only | 10K-13.5K Steel Leaf    | Yes               | DS135NCV2-S 13500                   | 4x2 only; <b>No S140 axle</b>                                                                                                                    |                 | X                             |          |                      |
|                                                                                  | 2019-Current | 10000-13500                           | S14-110 S16-130 | Reg, Crew | Min. 165" | 84, 108 | n/a   | Gas, Diesel | Rear               | Hydraulic Only | 10K-13.5K IROS Air Ride | Yes               | DS135NCV2-A 13500                   | 4x2 only; 2021+ requires calibration file update at GM dealer for Stabilitrak option; <b>No S140 axle</b>                                        |                 | X                             |          |                      |
|                                                                                  | 2019-Current | 10000-13500                           | S14-110 S16-130 | Reg, Crew | Min. 165" | 84, 108 | n/a   | Gas, Diesel | Rear/Midship       | Hydraulic Only | 10K-13.5K Steel Leaf    | Yes               | DS135NCV2-SF 13500                  | 4x2 only; Vol. split along frame rails; Rear PM; <b>No S140 axle</b>                                                                             |                 | X                             |          |                      |
|                                                                                  | 2019-Current | 10000-13500                           | S14-110 S16-130 | Reg, Crew | Min. 165" | 84, 108 | n/a   | Gas, Diesel | Rear/Midship       | Hydraulic Only | 10K-13.5K IROS Air Ride | Yes               | DS135NCV2-AF 13500                  | 4x2 only; Vol. split along frame rails; Rear PM; 2021+ requires calibration file update at GM dealer for                                         |                 | X                             |          |                      |
|                                                                                  | 2019-Current | 15000-15500                           | S16-130         | Reg, Crew | Min. 165" | 84, 108 | n/a   | Gas, Diesel | Rear               | Hydraulic Only | 15K-15.5K Steel Leaf    | Yes               | DS155NCV2-S 15500                   | 4x2 only; <b>No S140 axle</b>                                                                                                                    |                 | X                             |          |                      |
|                                                                                  | 2019-Current | 15000-15500                           | S16-130         | Reg, Crew | Min. 165" | 84, 108 | n/a   | Gas, Diesel | Rear               | Hydraulic Only | 15K-15.5K IROS Air Ride | Yes               | DS155NCV2-A 15500                   | 4x2 only; 2021+ requires calibration file update at GM dealer for Stabilitrak option; <b>No S140 axle</b>                                        |                 | X                             |          |                      |
| REAR CV 4x2                                                                      | 2019-Current | 15000-15500                           | S16-130         | Reg, Crew | Min. 165" | 84, 108 | n/a   | Gas, Diesel | Rear/Midship       | Hydraulic Only | 15K-15.5K Steel Leaf    | Yes               | DS155NCV2-SF 15500                  | 4x2 only; Vol. split along frame rails; Rear PM; <b>No S140 axle</b>                                                                             |                 | X                             |          |                      |
|                                                                                  | 2019-Current | 15000-15500                           | S16-130         | Reg, Crew | Min. 165" | 84, 108 | n/a   | Gas, Diesel | Rear/Midship       | Hydraulic Only | 15K-15.5K Steel Leaf    | Yes               | DS155NCV2-SFHD 15500                | 4x2 only; Vol. split along frame rails; Rear PM; <b>No S140 axle</b> ; Heavy duty struts                                                         |                 | X                             |          |                      |
|                                                                                  | 2019-Current | 15000-15500                           | S16-130         | Reg, Crew | Min. 165" | 84, 108 | n/a   | Gas, Diesel | Rear/Midship       | Hydraulic Only | 15K-15.5K IROS Air Ride | Yes               | DS155NCV2-AF 15500                  | 4x2 only; Vol. split along frame rails; Rear PM; 2021+ requires calibration file update at GM dealer for Stabilitrak option; <b>No S140 axle</b> |                 | X                             |          |                      |
| REAR CV 4x4                                                                      | 2019-Current | 10000-13500                           | S14-110         | Reg, Crew | Min. 165" | 84, 108 | n/a   | Gas, Diesel | Rear               | Hydraulic Only | 10K-13.5K Steel Leaf    | Yes               | DS135NCV4-S 13500                   | 4x4 only; <b>No S140 axle</b>                                                                                                                    |                 | X                             |          |                      |
|                                                                                  | 2019-Current | 10000-13500                           | S14-110         | Reg, Crew | Min. 165" | 84, 108 | n/a   | Gas, Diesel | Rear/Midship       | Hydraulic Only | 10K-13.5K Steel Leaf    | Yes               | DS135NCV4-SF 13500                  | 4x4 only; Vol. split along frame rails; Rear PM; <b>No S140 axle</b>                                                                             |                 | X                             |          |                      |
|                                                                                  | 2019-Current | 15000-15500                           | S16-130         | Reg, Crew | Min. 165" | 84, 108 | n/a   | Gas, Diesel | Rear               | Hydraulic Only | 15K-15.5K Steel Leaf    | Yes               | DS155NCV4-S 15500                   | 4x4 only; <b>No S140 axle</b>                                                                                                                    |                 | X                             |          |                      |
|                                                                                  | 2019-Current | 15000-15500                           | S16-130         | Reg, Crew | Min. 165" | 84, 108 | n/a   | Gas, Diesel | Rear/Midship       | Hydraulic Only | 15K-15.5K Steel Leaf    | Yes               | DS155NCV4-SF 15500                  | 4x4 only; Vol. split along frame rails; Rear PM; <b>No S140 axle</b>                                                                             |                 | X                             |          |                      |
|                                                                                  | 2019-Current | 15000-15500                           | S16-130         | Reg, Crew | Min. 165" | 84, 108 | n/a   | Gas, Diesel | Rear/Midship       | Hydraulic Only | 15K-15.5K Steel Leaf    | Yes               | DS155NCV4-SM 15500                  | Vol. double stacked pass. side; PM at rear; May require 12156 compartment mod kit; <b>No S140 axle</b>                                           |                 |                               |          | X                    |

## LiquidSpring Application Guide: Full Line, p/n D11534 Rev KY

|                                                                                                             |              |                                       |                                                                |     |         |         |       |         |                    |                  |                                             |                    |                                     |                                                                                                                                                                                         | Application     |                               |          |                      |
|-------------------------------------------------------------------------------------------------------------|--------------|---------------------------------------|----------------------------------------------------------------|-----|---------|---------|-------|---------|--------------------|------------------|---------------------------------------------|--------------------|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------------------------|----------|----------------------|
| Model                                                                                                       | Model Years  | Axle GAWR (either Axle or Susp) (lbs) | Axle Model(s)                                                  | Cab | WB (in) | CA (in) | Frame | Engine  | Fuel Tank Location | Brakes           | OEM Susp. GAWR Type                         | Snow Chain Avail?  | LiquidSpring Kit / Max Rating (lbs) | Comments                                                                                                                                                                                | Adventure Truck | EMS, Fire and Rescue Vehicles | Mobility | Recreational Vehicle |
| MV60H LP -- DuraStar 4300/4400 Low Profile (Taper Frame) (see next section for TSC Installations available) |              |                                       |                                                                |     |         |         |       |         |                    |                  |                                             |                    |                                     |                                                                                                                                                                                         |                 |                               |          |                      |
| REAR<br>MV607<br><br>DuraStar 4300/4400 Low Profile                                                         | 2008-Current | 13500-15500 (13500)                   | Dana S14-130 S16-130                                           | Any | n/a     | 84+     | n/a   | Cummins | Any                | Hydraulic        | 10K-13.5K Steel Leaf 14SAC, 14SAE, 14SAH    | Yes                | DS135ND-S130C 13500                 | Volumes double stacked LH inboard frame. PM LH below frame. Different speed signal.                                                                                                     | X               | X                             | X        | X                    |
|                                                                                                             | 2008-Current | 13500-15500 (13500)                   | Dana S14-130 S16-130                                           | Any | n/a     | 84+     | n/a   | Cummins | Any                | Hydraulic or Air | 10K-13.5K IROS Air Ride 14TBL, 14TBM, 14TBN | Yes, Hyd. Brk only | DS135ND-A130C 13500                 | Volumes double stacked LH inboard frame. PM LH below frame. Different speed signal.                                                                                                     | X               | X                             | X        | X                    |
|                                                                                                             | 2008-Current | 13500-17500 (13500)                   | Dana: S17-140 S19-140 17060S / D 19060S / D Meritor: MS-17-14X | Any | n/a     | 84+     | n/a   | Cummins | Any                | Hydraulic***     | 10K-13.5K Steel Leaf 14SAC, 14SAE, 14SAH    | Yes                | DS135ND-SC 13500                    | Volumes double stacked LH inboard frame. PM LH below frame. Different speed signal. *** Air brakes can be used if s-cams and s-cam tubes are converted to air ride compatible versions. | X               | X                             | X        | X                    |
|                                                                                                             | 2008-Current | 13500-17500 (13500)                   |                                                                | Any | n/a     | 84+     | n/a   | Cummins | Any                | Hydraulic or Air | 10K-13.5K IROS Air Ride 14TBL, 14TBM, 14TBN | Yes, Hyd. Brk only | DS135NDLP-A 13500                   | Volumes double stacked LH inboard frame. PM behind axle. Different speed signal. <b>NOTE: Crew Cab chassis requires 12507-001 &amp; 12508-001 extension harnesses.</b>                  | X               | X                             | X        | X                    |
|                                                                                                             | 2008-Current | 13500-17500 (15500)                   |                                                                | Any | n/a     | 84+     | n/a   | Cummins | Any                | Hydraulic or Air | 10K-13.5K IROS Air Ride 14TBL, 14TBM, 14TBN | Yes, Hyd. Brk only | DS155NDLP-AA 15500                  | Volumes are double stacked on driver side; PM behind axle. Different speed signal. <b>NOTE: Crew Cab chassis requires 12507-001 &amp; 12508-001 extension harnesses.</b>                | X               | X                             | X        | X                    |
|                                                                                                             | 2008-Current | 13500-17500 (15500)                   |                                                                | Any | n/a     | 84+     | n/a   | Cummins | Any                | Hydraulic***     | 10K-13.5K Steel Leaf 14SAE, 14SAH           | Yes                | DS155NDLP-SC 15500                  | Volumes split along frame rails; PM behind axle. Different speed signal. *** Air brakes can be used if s-cams and s-cam tubes are converted to air ride compatible versions.            | X               | X                             | X        | X                    |
|                                                                                                             | 2008-Current | 13500-17500 (15500)                   |                                                                | Any | n/a     | 84+     | n/a   | Cummins | Any                | Hydraulic or Air | 10K-13.5K IROS Air Ride 14TBL, 14TBM, 14TBN | Yes, Hyd. Brk only | DS155NDLP-AST 15500                 | Volumes split along frame rails; PM behind axle. Different speed signal. <b>NOTE: Crew Cab chassis requires 12507-001 &amp; 12508-001 extension harnesses.</b>                          | X               | X                             | X        | X                    |

## LiquidSpring Application Guide: Full Line, p/n D11534 Rev KY

| Application                                                                                                                                                                                                                                    |              |                                                |                                                                                                            |     |            |            |       |         |                       |                     |                            |                      |                                        |                                                                                                                                                                                  |                 |                               |          |                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|------------------------------------------------|------------------------------------------------------------------------------------------------------------|-----|------------|------------|-------|---------|-----------------------|---------------------|----------------------------|----------------------|----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------------------------|----------|----------------------|
| Model                                                                                                                                                                                                                                          | Model Years  | Axle<br>GAWR (either<br>Axle or Susp)<br>(lbs) | Axle<br>Model(s)                                                                                           | Cab | WB<br>(in) | CA<br>(in) | Frame | Engine  | Fuel Tank<br>Location | Brakes              | OEM Susp.<br>GAWR<br>Type  | Snow Chain<br>Avail? | LiquidSpring Kit<br>/ Max Rating (lbs) | Comments                                                                                                                                                                         | Adventure Truck | EMS, Fire and Rescue Vehicles | Mobility | Recreational Vehicle |
| MV607 -- DuraStar 4300 Straight Rail (see next section for TSC Installations available)                                                                                                                                                        |              |                                                |                                                                                                            |     |            |            |       |         |                       |                     |                            |                      |                                        |                                                                                                                                                                                  |                 |                               |          |                      |
| REAR<br>MV607<br><br>DuraStar<br>4300/4400<br>Straight Rail                                                                                                                                                                                    | 2008-Current | 13500-21000<br>(15500)                         | Dana:<br>S17-140<br>S19-140<br>17060S / D<br>19060S / D<br>Meritor:<br>MS-17-14X<br>MS-19-14X<br>MS-21-14X | Any | n/a        | 84+        | n/a   | Cummins | Any                   | Hydraulic           | 13.5K-20K<br>Steel Leaf    | TBD                  | DS155NDSR-S<br>15500                   | Volumes along side frame rail, PM inside frame on LH side.<br>Max tire width on 8.25" rims is 255 mm, max on 7.5" rims is 295.                                                   | X               |                               | X        | X                    |
|                                                                                                                                                                                                                                                | 2008-Current | 13500-21000<br>(18500)                         |                                                                                                            | Any | n/a        | 84+        | n/a   | Cummins | Any                   | Hydraulic           | 13.5K-20K<br>Steel Leaf    | TBD                  | DS185NDSR-S<br>18500                   | Volumes along side frame rail, PM inside frame on LH side.<br>Max tire width on 8.25" rims is 255 mm, max on 7.5" rims is 295.                                                   | X               |                               | X        | X                    |
|                                                                                                                                                                                                                                                | 2008-Current | 13500-21000<br>(20000)                         |                                                                                                            | Any | n/a        | 84+        | n/a   | Cummins | Any                   | Hydraulic           | 13.5K-20K<br>Steel Leaf    | TBD                  | DS200NDSR-S<br>20000                   | Volumes along side frame rail, PM inside frame on LH side.<br>Max tire width on 8.25" rims is 255 mm, max on 7.5" rims is 295.                                                   | X               |                               | X        | X                    |
|                                                                                                                                                                                                                                                | 2008-Current | 13500-21000<br>(15500)                         |                                                                                                            | Any | n/a        | 84+        | n/a   | Cummins | Any                   | Hydraulic           | 13.5K-20K<br>Steel Leaf    | TBD                  | DS155NDSR-SM<br>15500                  | Special unit for Nexus motorhome using MV/Durastar.<br>Volumes and PM are located in rear (behind axle). Max tire<br>width on 8.25" rims is 255 mm, max on 7.5" rims is 295.     |                 |                               |          | X                    |
|                                                                                                                                                                                                                                                | 2008-Current | 13500-21000<br>(15500)                         |                                                                                                            | Any | n/a        | 84+        | n/a   | Cummins | Any                   | Hydraulic           | 13.5K-20K<br>Steel Leaf    | TBD                  | DS185NDSR-SM 18500                     | Special unit for Nexus motorhome using DuraStar "lite".<br>Volumes and PM are located in rear (behind axle). Max tire<br>width on 8.25" rims is 255 mm, max on 7.5" rims is 295. |                 |                               |          | X                    |
|                                                                                                                                                                                                                                                | 2008-Current | 13500-21000<br>(15500)                         |                                                                                                            | Any | n/a        | 84+        | n/a   | Cummins | Any                   | Hydraulic or<br>Air | 13.5K-20K<br>IROS Air Ride | TBD                  | DS155NDSR-A<br>15500                   | Volumes along side frame rail, PM inside frame on LH side.                                                                                                                       | X               |                               | X        | X                    |
|                                                                                                                                                                                                                                                | 2008-Current | 13500-21000<br>(18500)                         |                                                                                                            | Any | n/a        | 84+        | n/a   | Cummins | Any                   | Hydraulic or<br>Air | 13.5K-20K<br>IROS Air Ride | TBD                  | DS185NDSR-A<br>18500                   | Volumes along side frame rail, PM inside frame on LH side.<br>Max tire width on 8.25" rims is 255 mm, max on 7.5" rims is 295.                                                   | X               |                               | X        | X                    |
|                                                                                                                                                                                                                                                | 2008-Current | 13500-21000<br>(18500)                         |                                                                                                            | Any | n/a        | 84+        | n/a   | Cummins | Any                   | Hydraulic or<br>Air | 13.5K-20K<br>IROS Air Ride | TBD                  | DS185NDSR-AM<br>18500                  | Special unit for Nexus motorhome using MV/Durastar.<br>Volumes and PM are located in rear (behind axle). Max tire<br>width on 8.25" rims is 255 mm, max on 7.5" rims is 295.     |                 |                               |          | X                    |
|                                                                                                                                                                                                                                                | 2008-Current | 13500-21000<br>(20000)                         |                                                                                                            | Any | n/a        | 84+        | n/a   | Cummins | Any                   | Hydraulic or<br>Air | 13.5K-20K<br>IROS Air Ride | TBD                  | DS200NDSR-A<br>20000                   | Volumes along side frame rail, PM inside frame on LH side.<br>Max tire width on 8.25" rims is 255 mm, max on 7.5" rims is 295.                                                   | X               |                               | X        | X                    |
| DuraStar kits include brackets to work with the following steering gearboxes: TRW TAS-40, TRW THP-45, Sheppard M100, Sheppard HD94 (also requires 11136-007 kit). Do not use LiquidSpring suspensions with TRW TAS-66 or TRW THP-60 gearboxes. |              |                                                |                                                                                                            |     |            |            |       |         |                       |                     |                            |                      |                                        |                                                                                                                                                                                  |                 |                               |          |                      |

## LiquidSpring Application Guide: Full Line, p/n D11534 Rev KY

| Application                                                                             |              |                                       |                    |           |           |         |       |             |                    |                |                     |                   |                                     |                                                                                                                              |                 |                               |          |                      |
|-----------------------------------------------------------------------------------------|--------------|---------------------------------------|--------------------|-----------|-----------|---------|-------|-------------|--------------------|----------------|---------------------|-------------------|-------------------------------------|------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------------------------|----------|----------------------|
| Model                                                                                   | Model Years  | Axle GAWR (either Axle or Susp) (lbs) | Axle Model(s)      | Cab       | WB (in)   | CA (in) | Frame | Engine      | Fuel Tank Location | Brakes         | OEM Susp. GAWR Type | Snow Chain Avail? | LiquidSpring Kit / Max Rating (lbs) | Comments                                                                                                                     | Adventure Truck | EMS, Fire and Rescue Vehicles | Mobility | Recreational Vehicle |
| International (Navistar) -- CBC / TSC Install (Only available at International Dealers) |              |                                       |                    |           |           |         |       |             |                    |                |                     |                   |                                     |                                                                                                                              |                 |                               |          |                      |
| CV -- TSC Install                                                                       |              |                                       |                    |           |           |         |       |             |                    |                |                     |                   |                                     |                                                                                                                              |                 |                               |          |                      |
| Rear CV 4x2                                                                             | 2019-Current | 10000-13500                           | S14-110<br>S16-130 | Reg, Crew | Min. 165" | 84, 108 | n/a   | Gas, Diesel | Rear               | Hydraulic Only | N/A                 | Yes               | DS135NCV2-NV6 13500                 | Navistar Order Code: 0014TDR (13.5K LiquidSpring Accommodation Pkg)<br>Volumes double stacked on driver side, PM behind axle |                 | X                             |          |                      |
|                                                                                         | 2019-Current | 10000-13500                           | S14-110<br>S16-130 | Reg, Crew | Min. 165" | 84, 108 | n/a   | Gas, Diesel | Rear/Midship       | Hydraulic Only | N/A                 | Yes               | DS135NCV2-NSTV6 13500               | Navistar Order Code: 0014TDW (13.5K LiquidSpring Accommodation Pkg)<br>Volumes each side, PM behind axle                     |                 | X                             |          |                      |
|                                                                                         | 2019-Current | 15000-15500                           | S16-130            | Reg, Crew | Min. 165" | 84, 108 | n/a   | Gas, Diesel | Rear               | Hydraulic Only | N/A                 | Yes               | DS155NCV2-NV6 15500                 | Navistar Order Code: 0014TDS (15.5K LiquidSpring Accommodation Pkg)<br>Volumes double stacked on driver side, PM behind axle |                 | X                             |          |                      |
|                                                                                         | 2019-Current | 15000-15500                           | S16-130            | Reg, Crew | Min. 165" | 84, 108 | n/a   | Gas, Diesel | Rear/Midship       | Hydraulic Only | N/A                 | Yes               | DS155NCV2-NSTV6 15500               | Navistar Order Code: 0014TDX (15.5K LiquidSpring Accommodation Pkg)<br>Volumes each side, PM behind axle                     |                 | X                             |          |                      |

## LiquidSpring Application Guide: Full Line, p/n D11534 Rev KY

| Model       | Model Years  | Axle GAWR (either Axle or Susp) (lbs) | Axle Model(s)      | Cab       | WB (in)   | CA (in) | Frame | Engine      | Fuel Tank Location | Brakes         | OEM Susp. GAWR Type | Snow Chain Avail? | LiquidSpring Kit / Max Rating (lbs) | Comments                                                                                                                                              | Application     |                               |                      |
|-------------|--------------|---------------------------------------|--------------------|-----------|-----------|---------|-------|-------------|--------------------|----------------|---------------------|-------------------|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------------------------|----------------------|
|             |              |                                       |                    |           |           |         |       |             |                    |                |                     |                   |                                     |                                                                                                                                                       | Adventure Truck | EMS, Fire and Rescue Vehicles | Recreational Vehicle |
| Rear CV 4x4 | 2019-Current | 10000-13500                           | S14-110<br>S16-130 | Reg, Crew | Min. 189" | 84, 108 | n/a   | Gas, Diesel | Rear               | Hydraulic Only | N/A                 | Yes               | DS135NCV4-NV6 13500                 | Navistar Order Code: 0014TDR (13.5K LiquidSpring Accommodation Pkg)<br>Volumes double stacked on driver side, PM behind axle                          |                 | X                             |                      |
|             | 2019-Current | 10000-13500                           | S14-110<br>S16-130 | Reg, Crew | Only 165" | 84, 108 | n/a   | Gas, Diesel | Rear               | Hydraulic Only | N/A                 | Yes               | DS135NCV4-NSV6 13500                | Navistar Order Code: 0014TDR (13.5K LiquidSpring Accommodation Pkg)<br>Volumes double stacked on driver side, PM behind axle. 7° pinion angle         |                 | X                             |                      |
|             | 2019-Current | 10000-13500                           | S14-110<br>S16-130 | Reg, Crew | Min. 189" | 84, 108 | n/a   | Gas, Diesel | Rear/Midship       | Hydraulic Only | N/A                 | Yes               | DS135NCV4-NSTV6 13500               | Navistar Order Code: 0014TDW (13.5K LiquidSpring Accommodation Pkg)<br>Volumes each side, PM behind axle                                              |                 | X                             |                      |
|             | 2019-Current | 10000-13500                           | S14-110<br>S16-130 | Reg, Crew | Only 165" | 84, 108 | n/a   | Gas, Diesel | Rear/Midship       | Hydraulic Only | N/A                 | Yes               | DS135NCV4-NSTSV 13500               | Navistar Order Code: 0014TDW (13.5K LiquidSpring Accommodation Pkg)<br>Volumes each side, PM behind axle. 7° pinion angle                             |                 | X                             |                      |
|             | 2019-Current | 15000-15500                           | S16-130            | Reg, Crew | Min. 189" | 84, 108 | n/a   | Gas, Diesel | Rear               | Hydraulic Only | N/A                 | Yes               | DS155NCV4-NV6 15500                 | Navistar Order Code: 0014TDS (15.5K LiquidSpring Accommodation Pkg)<br>Volumes double stacked on driver side, PM behind axle                          |                 | X                             |                      |
|             | 2019-Current | 15000-15500                           | S16-130            | Reg, Crew | Only 165" | 84, 108 | n/a   | Gas, Diesel | Rear               | Hydraulic Only | N/A                 | Yes               | DS155NCV4-NSV6 15500                | Navistar Order Code: 0014TDS (15.5K LiquidSpring Accommodation Pkg)<br>Volumes double stacked on driver side, PM located behind axle. 7° pinion angle |                 | X                             |                      |
|             | 2019-Current | 15000-15500                           | S16-130            | Reg, Crew | Min. 189" | 84, 108 | n/a   | Gas, Diesel | Rear/Midship       | Hydraulic Only | N/A                 | Yes               | DS155NCV4-NSTV6 15500               | Navistar Order Code: 0014TDX (15.5K LiquidSpring Accommodation Pkg)<br>Volumes each side, PM behind axle                                              |                 | X                             |                      |
|             | 2019-Current | 15000-15500                           | S16-130            | Reg, Crew | Only 165" | 84, 108 | n/a   | Gas, Diesel | Rear/Midship       | Hydraulic Only | N/A                 | Yes               | DS155NCV4-NSTSV 15500               | Navistar Order Code: 0014TDX (15.5K LiquidSpring Accommodation Pkg)<br>Volumes each side, PM behind axle. 7° pinion angle                             |                 | X                             |                      |

## LiquidSpring Application Guide: Full Line, p/n D11534 Rev KY

|                                                                         |              |                                       |                      |     |         |         |       |         |                    |                  |                     |                    |                                     |                                                                                                                                                                                      |                 | Application                   |          |                      |  |
|-------------------------------------------------------------------------|--------------|---------------------------------------|----------------------|-----|---------|---------|-------|---------|--------------------|------------------|---------------------|--------------------|-------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------------------------|----------|----------------------|--|
| Model                                                                   | Model Years  | Axle GAWR (either Axle or Susp) (lbs) | Axle Model(s)        | Cab | WB (in) | CA (in) | Frame | Engine  | Fuel Tank Location | Brakes           | OEM Susp. GAWR Type | Snow Chain Avail?  | LiquidSpring Kit / Max Rating (lbs) | Comments                                                                                                                                                                             | Adventure Truck | EMS, Fire and Rescue Vehicles | Mobility | Recreational Vehicle |  |
| MV60H LP -- DuraStar 4300/4400 Low Profile (Taper Frame) -- TSC Install |              |                                       |                      |     |         |         |       |         |                    |                  |                     |                    |                                     |                                                                                                                                                                                      |                 |                               |          |                      |  |
| REAR<br>MV60H-LP<br>Low Profile<br>Tapered<br>Frame                     | 2019-Current | 13500-15500 (13500)                   | Dana S14-130 S16-130 | Any | n/a     | 84+     | n/a   | Cummins | Any                | Hydraulic or Air | N/A                 | Yes, Hyd. Brk only | DS135NDLP-N2V6 13500                | Navistar Order Code: 0014TDR (13.5K LiquidSpring Accommodation Pkg)<br>Volumes double stacked on driver side, PM located behind axle (Axle triggers unit change)                     | X               | X                             | X        | X                    |  |
|                                                                         | 2019-Current | 13500-15500 (13500)                   | Dana S14-130 S16-130 | Any | n/a     | 84+     | n/a   | Cummins | Any                | Hydraulic or Air | N/A                 | Yes, Hyd. Brk only | DS135NDLP-N5V6 13500                | Navistar Order Code: 0014TDW (13.5K LiquidSpring Accommodation Pkg)<br>Volumes are split between LH and RH side, PM located behind axle, short wheelbase (Axle triggers unit change) | X               | X                             | X        | X                    |  |
|                                                                         | 2019-Current | 13500-15500 (13500)                   | Dana S14-130 S16-130 | Any | n/a     | 84+     | n/a   | Cummins | Any                | Hydraulic or Air | N/A                 | Yes, Hyd. Brk only | DS135NDLP-N6V6 13500                | Navistar Order Code: 0014TDW (13.5K LiquidSpring Accommodation Pkg)<br>Volumes are split between LH and RH side, PM located behind axle, long wheelbase (Axle triggers unit change)  | X               | X                             | X        | X                    |  |
|                                                                         | 2019-Current | 13500-15500 (15500)                   | Dana S14-130 S16-130 | Any | n/a     | 84+     | n/a   | Cummins | Any                | Hydraulic or Air | N/A                 | Yes, Hyd. Brk only | DS155NDLP-N2V6 15500                | Navistar Order Code: 0014TDS (15.5K LiquidSpring Accommodation Pkg)<br>Volumes double stacked on driver side, PM located behind axle (Axle triggers unit change)                     | X               | X                             | X        | X                    |  |
|                                                                         | 2019-Current | 13500-15500 (15500)                   | Dana S14-130 S16-130 | Any | n/a     | 84+     | n/a   | Cummins | Any                | Hydraulic or Air | N/A                 | Yes, Hyd. Brk only | DS155NDLP-N5V6 15500                | Navistar Order Code: 0014TDX (15.5K LiquidSpring Accommodation Pkg)<br>Volumes are split between LH and RH side, PM located behind axle, short wheelbase (Axle triggers unit change) | X               | X                             | X        | X                    |  |
|                                                                         | 2019-Current | 13500-15500 (15500)                   | Dana S14-130 S16-130 | Any | n/a     | 84+     | n/a   | Cummins | Any                | Hydraulic or Air | N/A                 | Yes, Hyd. Brk only | DS155NDLP-N6V6 15500                | Navistar Order Code: 0014TDX (15.5K LiquidSpring Accommodation Pkg)<br>Volumes are split between LH and RH side, PM located behind axle, long wheelbase (Axle triggers unit change)  | X               | X                             | X        | X                    |  |

## LiquidSpring Application Guide: Full Line, p/n D11534 Rev KY

| Model                                                                                                                                               | Model Years  | Axle GAWR (either Axle or Susp) (lbs) | Axle Model(s)                                                | Cab | WB (in) | CA (in) | Frame | Engine  | Fuel Tank Location | Brakes           | OEM Susp. GAWR Type | Snow Chain Avail?  | LiquidSpring Kit / Max Rating (lbs) | Comments                                                                                                                                                                                | Application     |                               |          |                      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|--------------|---------------------------------------|--------------------------------------------------------------|-----|---------|---------|-------|---------|--------------------|------------------|---------------------|--------------------|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------------------------|----------|----------------------|
|                                                                                                                                                     |              |                                       |                                                              |     |         |         |       |         |                    |                  |                     |                    |                                     |                                                                                                                                                                                         | Adventure Truck | EMS, Fire and Rescue Vehicles | Mobility | Recreational Vehicle |
| <b>REAR<br/>MV60H-LP<br/>Low Profile<br/>Tapered<br/>Frame</b>                                                                                      | 2019-Current | 13500-17500 (13500)                   | Dana: S17-140<br>S19-140<br>17060S / D<br>Meritor: MS-17-14X | Any | n/a     | 84+     | n/a   | Cummins | Any                | Hydraulic or Air | N/A                 | Yes, Hyd. Brk only | DS135NDLP-N1V6 13500                | Navistar Order Code: 0014TDR (13.5K LiquidSpring Accommodation Pkg)<br>Volumes double stacked on driver side, PM located behind axle<br>(Axle triggers unit change)                     | X               | X                             | X        | X                    |
|                                                                                                                                                     | 2019-Current | 13500-17500 (13500)                   | Dana: S17-140<br>S19-140<br>17060S / D<br>Meritor: MS-17-14X | Any | n/a     | 84+     | n/a   | Cummins | Any                | Hydraulic or Air | N/A                 | Yes, Hyd. Brk only | DS135NDLP-N3V6 13500                | Navistar Order Code: 0014TDW (13.5K LiquidSpring Accommodation Pkg)<br>Volumes are split between LH and RH side, PM located behind axle, short wheelbase<br>(Axle triggers unit change) | X               | X                             | X        | X                    |
|                                                                                                                                                     | 2019-Current | 13500-17500 (13500)                   | Dana: S17-140<br>S19-140<br>17060S / D<br>Meritor: MS-17-14X | Any | n/a     | 84+     | n/a   | Cummins | Any                | Hydraulic or Air | N/A                 | Yes, Hyd. Brk only | DS135NDLP-N4V6 13500                | Navistar Order Code: 0014TDW (13.5K LiquidSpring Accommodation Pkg)<br>Volumes are split between LH and RH side, PM located behind axle, long wheelbase<br>(Axle triggers unit change)  | X               | X                             | X        | X                    |
|                                                                                                                                                     | 2019-Current | 13500-17500 (15500)                   | Dana: S17-140<br>S19-140<br>17060S / D<br>Meritor: MS-17-14X | Any | n/a     | 84+     | n/a   | Cummins | Any                | Hydraulic or Air | N/A                 | Yes, Hyd. Brk only | DS155NDLP-N1V6 15500                | Navistar Order Code: 0014TDS (15.5K LiquidSpring Accommodation Pkg)<br>Volumes double stacked on driver side, PM located behind axle<br>(Axle triggers unit change)                     | X               | X                             | X        | X                    |
|                                                                                                                                                     | 2019-Current | 13500-17500 (15500)                   | Dana: S17-140<br>S19-140<br>17060S / D<br>Meritor: MS-17-14X | Any | n/a     | 84+     | n/a   | Cummins | Any                | Hydraulic or Air | N/A                 | Yes, Hyd. Brk only | DS155NDLP-N3V6 15500                | Navistar Order Code: 0014TDX (15.5K LiquidSpring Accommodation Pkg)<br>Volumes are split between LH and RH side, PM located behind axle, short wheelbase<br>(Axle triggers unit change) | X               | X                             | X        | X                    |
|                                                                                                                                                     | 2019-Current | 13500-17500 (15500)                   | Dana: S17-140<br>S19-140<br>17060S / D<br>Meritor: MS-17-14X | Any | n/a     | 84+     | n/a   | Cummins | Any                | Hydraulic or Air | N/A                 | Yes, Hyd. Brk only | DS155NDLP-N4V6 15500                | Navistar Order Code: 0014TDX (15.5K LiquidSpring Accommodation Pkg)<br>Volumes are split between LH and RH side, PM located behind axle, long wheelbase<br>(Axle triggers unit change)  | X               | X                             | X        | X                    |
| <b>IC Bus (CE School and Commercial) -- CBC Install</b>                                                                                             |              |                                       |                                                              |     |         |         |       |         |                    |                  |                     |                    |                                     |                                                                                                                                                                                         |                 |                               |          |                      |
|                                                                                                                                                     | 2019-Current | 13500-21000 (18500)                   |                                                              | Any | n/a     | 84+     | n/a   | Cummins | Any                | Hydraulic or Air | N/A                 | TBD                | DS185NDSR-NBV6 18500                | Navistar Order Code: 0014TEA (18.5K LiquidSpring Accommodation Pkg)<br>Volumes double stacked on driver side, PM located behind axle                                                    |                 |                               | X        |                      |
|                                                                                                                                                     | 2019-Current | 13500-21000 (21000)                   |                                                              | Any | n/a     | 84+     | n/a   | Cummins | Any                | Hydraulic or Air | N/A                 | TBD                | DS210NDSR-NBV6 21000                | Navistar Order Code: 0014TDZ (21K LiquidSpring Accommodation Pkg)<br>Volumes double stacked on driver side, PM located behind axle                                                      |                 |                               | X        |                      |
| Use the following kits for Steering Gearboxes on CBC/TSC MV and IC Bus units: 11596 Sheppard M1100; 11599 TAS 40; 11600 THP 45; 11601 Sheppard HD94 |              |                                       |                                                              |     |         |         |       |         |                    |                  |                     |                    |                                     |                                                                                                                                                                                         |                 |                               |          |                      |

## LiquidSpring Application Guide: Full Line, p/n D11534 Rev KY

| Application             |             |                                       |               |       |                |         |       |        |                    |        |                     |                   |                                     |                                                                                                                                                                                                                                                                                      |                 |                               |          |                      |    |                                   |                                                                                                                                                                                                                                                                                                                                      |   |  |  |  |
|-------------------------|-------------|---------------------------------------|---------------|-------|----------------|---------|-------|--------|--------------------|--------|---------------------|-------------------|-------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------------------------|----------|----------------------|----|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|--|--|--|
| Model                   | Model Years | Axle GAWR (either Axle or Susp) (lbs) | Axle Model(s) | Cab   | WB (in)        | CA (in) | Frame | Engine | Fuel Tank Location | Brakes | OEM Susp. GAWR Type | Snow Chain Avail? | LiquidSpring Kit / Max Rating (lbs) | Comments                                                                                                                                                                                                                                                                             | Adventure Truck | EMS, Fire and Rescue Vehicles | Mobility | Recreational Vehicle |    |                                   |                                                                                                                                                                                                                                                                                                                                      |   |  |  |  |
| Ram                     |             |                                       |               |       |                |         |       |        |                    |        |                     |                   |                                     |                                                                                                                                                                                                                                                                                      |                 |                               |          |                      |    |                                   |                                                                                                                                                                                                                                                                                                                                      |   |  |  |  |
| 3500 Pickup 2" Lift Kit |             |                                       |               |       |                |         |       |        |                    |        |                     |                   |                                     |                                                                                                                                                                                                                                                                                      |                 |                               |          |                      |    |                                   |                                                                                                                                                                                                                                                                                                                                      |   |  |  |  |
| Front 3500 Pickup       | 2024+       | 5500 - 6000                           | n/a           | CC MC | 149.4<br>160.5 | n/a     | n/a   | Any    | Standard           | n/a    | n/a                 | No                | FS60RP-L2 6000                      | 4x4 Only. Volumes mounted split stack on frame rail. Requires DS70RP-L2DS/-L2DSE, DS70RPL-L2DS/-L2DSE, DS98RP-L2DS/-L2DSE, DS98RPL-L2DS/-L2DSE, DS70RS2P-L2DS/-L2DSE, DS70RS2PL-L2DS/-L2DSE, DS98RS2P-L2DS/-L2DSE, or DS98RS2PL-L2DS/-L2DSE rear. Equipped with Tru-Earth Leveling™. | X               |                               |          |                      |    |                                   |                                                                                                                                                                                                                                                                                                                                      |   |  |  |  |
|                         |             |                                       |               |       |                |         |       |        |                    |        |                     |                   | FS60RP-L2E <sup>1</sup> 6000        |                                                                                                                                                                                                                                                                                      | X               |                               |          |                      |    |                                   |                                                                                                                                                                                                                                                                                                                                      |   |  |  |  |
| Rear 3500 SRW Pickup    | 2024        | 7000                                  | SRW           | CC MC | 149.4<br>160.5 | n/a     | n/a   | Any    | Standard           | n/a    | n/a                 | No                | DS70RP-L2DS 7000                    | REQUIRES 5TH WHEEL HITCH; 4x4 & Short Bed Only. Only compatible with factory and AMP XL power steps. Removes spare tire. Volumes & power module mounted behind rear axle. Air bag system removed if equipped. Equipped with Tru-Earth Leveling™.                                     | X               |                               |          |                      |    |                                   |                                                                                                                                                                                                                                                                                                                                      |   |  |  |  |
|                         |             |                                       |               | CC    | 169.3          |         |       |        |                    |        |                     |                   | DS70RP-L2DSE <sup>1</sup> 7000      |                                                                                                                                                                                                                                                                                      | X               |                               |          |                      |    |                                   |                                                                                                                                                                                                                                                                                                                                      |   |  |  |  |
|                         |             |                                       |               |       |                |         |       |        |                    |        |                     |                   | DS70RPL-L2DS 7000                   |                                                                                                                                                                                                                                                                                      | X               |                               |          |                      |    |                                   |                                                                                                                                                                                                                                                                                                                                      |   |  |  |  |
|                         |             |                                       |               |       |                |         |       |        |                    |        |                     |                   | DS70RPL-L2DSE <sup>1</sup> 7000     |                                                                                                                                                                                                                                                                                      | X               |                               |          |                      |    |                                   |                                                                                                                                                                                                                                                                                                                                      |   |  |  |  |
|                         | 2025+       |                                       |               | CC MC | 149.4<br>160.5 |         |       |        |                    |        |                     |                   | n/a                                 | n/a                                                                                                                                                                                                                                                                                  | Any             | Standard                      | n/a      | n/a                  | No | DS70RS2P-L2DS 7000                | REQUIRES 5TH WHEEL HITCH; 4x4 & Short Bed Only. Requires Intermotive kit (P/N: 13368) if you don't have VSIM. Only compatible with factory and AMP XL power steps. Removes spare tire. Volumes & power module mounted behind rear axle. Air bag system removed if equipped. If you dot have VSIM, Equipped with Tru-Earth Leveling™. | X |  |  |  |
|                         |             |                                       |               | CC    | 169.3          |         |       |        |                    |        |                     |                   |                                     |                                                                                                                                                                                                                                                                                      |                 |                               |          |                      |    | DS70RS2P-L2DSE <sup>1</sup> 7000  |                                                                                                                                                                                                                                                                                                                                      | X |  |  |  |
|                         |             |                                       |               |       |                |         |       |        |                    |        |                     |                   |                                     |                                                                                                                                                                                                                                                                                      |                 |                               |          |                      |    | DS70RS2PL-L2DS 7000               |                                                                                                                                                                                                                                                                                                                                      | X |  |  |  |
|                         |             |                                       |               |       |                |         |       |        |                    |        |                     |                   |                                     |                                                                                                                                                                                                                                                                                      |                 |                               |          |                      |    | DS70RS2PL-L2DSE <sup>1</sup> 7000 |                                                                                                                                                                                                                                                                                                                                      | X |  |  |  |

## LiquidSpring Application Guide: Full Line, p/n D11534 Rev KY

|                                                                |              |                                       |               |       |                                   |         |       |        |                    |        |                     |                   |                                     |                                                                                                                                                                                                                                                                                                                                  | Application     |                               |          |                      |
|----------------------------------------------------------------|--------------|---------------------------------------|---------------|-------|-----------------------------------|---------|-------|--------|--------------------|--------|---------------------|-------------------|-------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------------------------|----------|----------------------|
| Model                                                          | Model Years  | Axle GAWR (either Axle or Susp) (lbs) | Axle Model(s) | Cab   | WB (in)                           | CA (in) | Frame | Engine | Fuel Tank Location | Brakes | OEM Susp. GAWR Type | Snow Chain Avail? | LiquidSpring Kit / Max Rating (lbs) | Comments                                                                                                                                                                                                                                                                                                                         | Adventure Truck | EMS, Fire and Rescue Vehicles | Mobility | Recreational Vehicle |
| Rear 3500 DRW Pickup                                           | 2024         | 9750                                  | DRW           | CC MC | 149.4                             | n/a     | n/a   | Any    | Standard           | n/a    | n/a                 | No                | DS98RP-L2DS 9750                    | <b>REQUIRES 5TH WHEEL HITCH; 4x4 &amp; Short Bed Only. Only compatible with factory and AMP XL power steps.</b> Removes spare tire. Volumes & power module mounted behind rear axle. Air bag system removed if equipped. <b>Equipped with Tru-Earth Leveling™.</b>                                                               | X               |                               |          |                      |
|                                                                |              |                                       |               |       | 160.5                             |         |       |        |                    |        |                     |                   | DS98RP-L2DSE <sup>1</sup> 9750      |                                                                                                                                                                                                                                                                                                                                  | X               |                               |          |                      |
|                                                                |              |                                       |               | CC    | 169.3                             |         |       |        |                    |        |                     |                   | DS98RPL-L2DS 9750                   | <b>REQUIRES 5TH WHEEL HITCH; 4x4 &amp; Long Bed Only. Only compatible with factory and AMP XL power steps.</b> Removes spare tire. Volumes & power module mounted behind rear axle. Air bag system removed if equipped. <b>Equipped with Tru-Earth Leveling™.</b>                                                                | X               |                               |          |                      |
|                                                                |              |                                       |               |       | DS98RPL-L2DSE <sup>1</sup> 9750   |         |       |        |                    |        |                     |                   |                                     | X                                                                                                                                                                                                                                                                                                                                |                 |                               |          |                      |
|                                                                | 2025+        |                                       |               | CC MC | 149.4                             |         |       |        |                    |        |                     |                   | DS98RS2P-L2DS 9750                  | <b>REQUIRES 5TH WHEEL HITCH; 4x4 &amp; Short Bed Only. Requires Intermotive kit (P/N: 13368) if you don't have VSIM. Only compatible with factory and AMP XL power steps.</b> Removes spare tire. Volumes & power module mounted behind rear axle. Air bag system removed if equipped. <b>Equipped with Tru-Earth Leveling™.</b> | X               |                               |          |                      |
|                                                                |              |                                       |               |       | 160.5                             |         |       |        |                    |        |                     |                   | DS98RS2P-L2DSE <sup>1</sup> 9750    |                                                                                                                                                                                                                                                                                                                                  | X               |                               |          |                      |
|                                                                |              |                                       |               | CC    | 169.3                             |         |       |        |                    |        |                     |                   | DS98RS2PL-L2DS 9750                 | <b>REQUIRES 5TH WHEEL HITCH; 4x4 &amp; Long Bed Only. Requires Intermotive kit (P/N: 13368) if you don't have VSIM. Only compatible with factory and AMP XL power steps.</b> Removes spare tire. Volumes & power module mounted behind rear axle. Air bag system removed if equipped. <b>Equipped with Tru-Earth Leveling™.</b>  | X               |                               |          |                      |
|                                                                |              |                                       |               |       | DS98RS2PL-L2DSE <sup>1</sup> 9750 |         |       |        |                    |        |                     |                   |                                     | X                                                                                                                                                                                                                                                                                                                                |                 |                               |          |                      |
| 3500 Cab Chassis                                               |              |                                       |               |       |                                   |         |       |        |                    |        |                     |                   |                                     |                                                                                                                                                                                                                                                                                                                                  |                 |                               |          |                      |
| REAR 3500 Cab Chassis                                          | 2019-Current | 9850                                  | n/a           | Reg   | 168                               | 84      | n/a   | Any    | Mid, Rear          | n/a    | n/a                 | Yes               | DS99RS3 9850                        | Must include the XXS VSIM option (included in ambulance prep)                                                                                                                                                                                                                                                                    | X               | X                             |          |                      |
| ¹International export models have 0 psi precharge accumulators |              |                                       |               |       |                                   |         |       |        |                    |        |                     |                   |                                     |                                                                                                                                                                                                                                                                                                                                  |                 |                               |          |                      |

## LiquidSpring Application Guide: Full Line, p/n D11534 Rev KY

|                               |              |                                       |               |              |                 |               |       |        |                    |        |                     |                   |                                     |                                                                                                                                                                                                                          | Application     |                               |          |                      |
|-------------------------------|--------------|---------------------------------------|---------------|--------------|-----------------|---------------|-------|--------|--------------------|--------|---------------------|-------------------|-------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------------------------|----------|----------------------|
| Model                         | Model Years  | Axle GAWR (either Axle or Susp) (lbs) | Axle Model(s) | Cab          | WB (in)         | CA (in)       | Frame | Engine | Fuel Tank Location | Brakes | OEM Susp. GAWR Type | Snow Chain Avail? | LiquidSpring Kit / Max Rating (lbs) | Comments                                                                                                                                                                                                                 | Adventure Truck | EMS, Fire and Rescue Vehicles | Mobility | Recreational Vehicle |
| 4500 Cab Chassis Stock Height |              |                                       |               |              |                 |               |       |        |                    |        |                     |                   |                                     |                                                                                                                                                                                                                          |                 |                               |          |                      |
| FRONT 4500 Cab Chassis        | 2014-Current | 7000                                  | n/a           | Reg, Reg, CC | 169 193 205 197 | 84 108 120 84 | n/a   | Any    | Mid, Rear          | n/a    | n/a                 | No                | FS70RA 7000 (FS70RAC)               | Front Suspension (requires Rear DS135RS2A/RS3A/RS4-A kit) FS70RAC includes FS70RA and conversion kits for existing vehicles with DS135RS2A/RS3A/RS4-A installed.                                                         | X               | X                             |          |                      |
|                               | 2014-Current | 7000                                  | n/a           | Reg, Reg, CC | 169 193 205     | 84 108 120    | n/a   | Any    | Mid, Rear          | n/a    | n/a                 | No                | FS70RATE 7000                       | Front Suspension (requires Rear DS135RS4-ATE kit). System is equipped with Tru-Earth Leveling™.                                                                                                                          | X               | X                             |          |                      |
|                               | 2014-Current | 7000                                  | n/a           | Any          | 145+            | 60+           | n/a   | Any    | Mid, Rear          | n/a    | n/a                 | No                | FS70RF 7000 (FS70RFC)               | Front Suspension (requires Rear DS135RS2AF, DS135RS3/AF/AF60, or DS135RS4-AF/-AF60 kit) FS70RFC includes FS70RF and conversion kits for existing vehicles with DS135RS2AF/RS3AF/RS4-AF installed.                        | X               | X                             |          |                      |
|                               | 2014-Current | 7000                                  | n/a           | Any          | 145+            | 60+           | n/a   | Any    | Mid, Rear          | n/a    | n/a                 | No                | FS70RFTE 7000                       | Front Suspension (requires Rear DS135RS4-L4FWTE/-L4MTE/-L4MBTE/-L4WATE kit). System is equipped with Tru-Earth Leveling™.                                                                                                | X               | X                             |          |                      |
| REAR 4500 Cab Chassis         | 2014-Current | 10000                                 | n/a           | CC           | 173             | 60            | n/a   | Any    | Mid Only           | n/a    | n/a                 | Yes               | DS100RS4-P 10000                    | EOG Only. Must include the XXS VSIM option (included in ambulance prep). Requires exhaust PN 68261138AB.                                                                                                                 |                 |                               |          |                      |
|                               | 2014-Current | 11200                                 | n/a           | Reg, Reg, CC | 169 193 205 197 | 84 108 120 84 | n/a   | Any    | Rear               | n/a    | n/a                 | Yes               | DS112RS4-A 11200                    | Must include the XXS VSIM option (included in ambulance prep). Volumes double stacked inside of frame rails, LH side. PM inside frame, LH side, behind cab.                                                              | X               | X                             |          | X                    |
|                               | 2014-Current | 12000                                 | n/a           | Reg, Reg, CC | 169 193 205 197 | 84 108 120 84 | n/a   | Any    | Rear               | n/a    | n/a                 | Yes               | DS135RS4-A 13500                    | Must include the XXS VSIM option (included in ambulance prep). Volumes double stacked inside of frame rails, LH side. PM inside frame, LH side, behind cab.                                                              | X               | X                             |          | X                    |
|                               | 2014-Current | 12000                                 | n/a           | Reg, Reg, CC | 169 193 205 197 | 84 108 120 84 | n/a   | Any    | Mid, Rear          | n/a    | n/a                 | Yes               | DS135RS4-AF 13500                   | Must include the XXS VSIM option (included in ambulance prep). Volumes outside frame rails, each side. PM under cab on RH outboard. If using 22 gallon midship diesel tank, you'll need to order exhaust P/N: 68261138AA | X               | X                             |          | X                    |
|                               | 2014-Current | 12000                                 | n/a           | Any          | 145+            | 60"+          | n/a   | Any    | Rear Only          | n/a    | n/a                 | Yes               | DS135RS4-AF60 13500                 | Must include the XXS VSIM option (included in ambulance prep). Volumes double stacked inside of frame rails, LH side. PM under cab on RH outboard.                                                                       | X               | X                             |          |                      |

## LiquidSpring Application Guide: Full Line, p/n D11534 Rev KY

|                               |              |                                       |               |                   |                 |               |       |        |                    |        |                     |                   |                                     |                                                                                                                                                                                                   |                 | Application                   |          |                      |  |
|-------------------------------|--------------|---------------------------------------|---------------|-------------------|-----------------|---------------|-------|--------|--------------------|--------|---------------------|-------------------|-------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------------------------|----------|----------------------|--|
| Model                         | Model Years  | Axle GAWR (either Axle or Susp) (lbs) | Axle Model(s) | Cab               | WB (in)         | CA (in)       | Frame | Engine | Fuel Tank Location | Brakes | OEM Susp. GAWR Type | Snow Chain Avail? | LiquidSpring Kit / Max Rating (lbs) | Comments                                                                                                                                                                                          | Adventure Truck | EMS, Fire and Rescue Vehicles | Mobility | Recreational Vehicle |  |
| 5500 Cab Chassis Stock Height |              |                                       |               |                   |                 |               |       |        |                    |        |                     |                   |                                     |                                                                                                                                                                                                   |                 |                               |          |                      |  |
| FRONT 5500 Cab Chassis        | 2014-Current | 7000                                  | n/a           | Reg, Reg, Reg, CC | 169 193 205 197 | 84 108 120 84 | n/a   | Any    | Mid, Rear          | n/a    | n/a                 | No                | FS70RA 7000 (FS70RAC)               | Front Suspension (requires Rear DS135RS2A/RS3A/RS4-A kit) FS70RAC includes FS70RA and conversion kits for existing vehicles with DS135RS2A/RS3A/RS4-A installed.                                  | X               | X                             | X        | X                    |  |
|                               | 2014-Current | 7000                                  | n/a           | Reg, Reg, Reg, CC | 169 193 205 197 | 84 108 120 84 | n/a   | Any    | Mid, Rear          | n/a    | n/a                 | No                | FS70RATE 7000                       | Front Suspension (requires Rear DS135RS4-ATE kit). System is equipped with Tru-Earth Leveling™.                                                                                                   | X               | X                             | X        | X                    |  |
|                               | 2014-Current | 7000                                  | n/a           | Any               | 145+            | 60+           | n/a   | Any    | Mid, Rear          | n/a    | n/a                 | No                | FS70RF 7000 (FS70RFC)               | Front Suspension (requires Rear DS135RS2AF, DS135RS3/AF/AF60, or DS135RS4-AF/-AF60 kit) FS70RFC includes FS70RF and conversion kits for existing vehicles with DS135RS2AF/RS3AF/RS4-AF installed. | X               | X                             | X        | X                    |  |
|                               | 2014-Current | 7000                                  | n/a           | Any               | 145+            | 60+           | n/a   | Any    | Mid, Rear          | n/a    | n/a                 | No                | FS70RFTE 7000                       | Front Suspension (requires Rear DS135RS4-L4FWTE/-L4MTE/-L4MBTE/-L4WATE kit). System is equipped with Tru-Earth Leveling™.                                                                         | X               | X                             | X        | X                    |  |
|                               | 2014-Current | 7250                                  | n/a           | Reg, Reg, Reg, CC | 169 193 205 197 | 84 108 120 84 | n/a   | Any    | Mid, Rear          | n/a    | n/a                 | No                | FS73RA 7250                         | High Capacity Front Suspension (requires Rear DS135RS2/A/-DM kit, DS135RS3/A/-DM kit, or DS135RS4-A)                                                                                              | X               | X                             | X        | X                    |  |
|                               | 2014-Current | 7250                                  | n/a           | Reg, Reg, Reg, CC | 169 193 205 197 | 84 108 120 84 | n/a   | Any    | Mid, Rear          | n/a    | n/a                 | No                | FS73RATE 7250                       | Front Suspension (requires Rear DS135RS4-ATE kit). System is equipped with Tru-Earth Leveling™.                                                                                                   | X               | X                             | X        | X                    |  |
|                               | 2014-Current | 7250                                  | n/a           | Any               | 145+            | 60+           | n/a   | Any    | Mid, Rear          | n/a    | n/a                 | No                | FS73RF 7250                         | Front Suspension (requires Rear DS135RS4-AF/-AF60/-L2DS/-L2SS/-L4DS/-L4SS/-L4M/-L4MB kit)                                                                                                         | X               | X                             | X        | X                    |  |
|                               | 2014-Current | 7250                                  | n/a           | Any               | 145+            | 60+           | n/a   | Any    | Mid, Rear          | n/a    | n/a                 | No                | FS73RFTE 7250                       | Front Suspension (requires Rear DS135RS4-L4FWTE/-L4MTE/-L4MBTE-L4WATE kit). System is equipped with Tru-Earth Leveling™.                                                                          | X               | X                             | X        | X                    |  |

## LiquidSpring Application Guide: Full Line, p/n D11534 Rev KY

| Model                       | Model Years  | Axle<br>GAWR (either<br>Axle or Susp)<br>(lbs) | Axle<br>Model(s) | Cab                        | WB<br>(in)               | CA<br>(in)             | Frame | Engine | Fuel Tank<br>Location | Brakes | OEM Susp.<br>GAWR<br>Type | Snow Chain<br>Avail? | LiquidSpring Kit<br>/ Max Rating (lbs) | Comments                                                                                                                                                                                    | Application     |                               |          |                      |
|-----------------------------|--------------|------------------------------------------------|------------------|----------------------------|--------------------------|------------------------|-------|--------|-----------------------|--------|---------------------------|----------------------|----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------------------------|----------|----------------------|
|                             |              |                                                |                  |                            |                          |                        |       |        |                       |        |                           |                      |                                        |                                                                                                                                                                                             | Adventure Truck | EMS, Fire and Rescue Vehicles | Mobility | Recreational Vehicle |
| REAR<br>5500 Cab<br>Chassis | 2014-Current | 10000                                          | n/a              | CC                         | 173                      | 60                     | n/a   | Any    | Mid Only              | n/a    | n/a                       | Yes                  | DS100RS4-P<br>10000                    | EOG Only. Must include the XXS VSIM option (included in ambulance prep). Requires exhaust PN 68261138AB.                                                                                    |                 |                               |          |                      |
|                             | 2014-Current | 11200                                          | n/a              | Reg,<br>Reg,<br>Reg,<br>CC | 169<br>193<br>205<br>197 | 84<br>108<br>120<br>84 | n/a   | Any    | Rear                  | n/a    | n/a                       | Yes                  | DS112RS4-A<br>11200                    | Must include the XXS VSIM option (included in ambulance prep). Volumes double stacked inside of frame rails, LH side.                                                                       | X               | X                             | X        | X                    |
|                             | 2014-Current | 12000 - 13500                                  | n/a              | Reg,<br>Reg,<br>Reg,<br>CC | 169<br>193<br>205<br>197 | 84<br>108<br>120<br>84 | n/a   | Any    | Rear                  | n/a    | n/a                       | Yes                  | DS135RS4-A<br>13500                    | Must include the XXS VSIM option (included in ambulance prep). Volumes double stacked inside of frame rails, LH side.                                                                       | X               | X                             | X        | X                    |
|                             | 2014-Current | 12000 - 13500                                  | n/a              | Reg,<br>Reg,<br>Reg,<br>CC | 169<br>193<br>205<br>197 | 84<br>108<br>120<br>84 | n/a   | Any    | Mid, Rear             | n/a    | n/a                       | Yes                  | DS135RS4-AF<br>13500                   | Must include the XXS VSIM option (included in ambulance prep). Volumes outside frame rails, each side. If using 22 gallon midship diesel tank, you'll need to order exhaust P/N: 68261138AA | X               | X                             | X        | X                    |
|                             | 2014-Current | 12000 - 13500                                  | n/a              | Any                        | 145+                     | 60"+                   | n/a   | Any    | Rear Only             | n/a    | n/a                       | Yes                  | DS135RS4-AF60<br>13500                 | Must include the XXS VSIM option (included in ambulance prep). Volumes double stacked inside of frame rails, LH side. PM under cab on RH outboard.                                          | X               | X                             |          |                      |
|                             | 2014-Current | 12000 - 13500                                  | n/a              | CC                         | 173                      | 60                     | n/a   | Any    | Mid Only              | n/a    | n/a                       | Yes                  | DS135RS4-P<br>13500                    | EOG Only. Must include the XXS VSIM option (included in ambulance prep). Requires exhaust PN 68261138AB.                                                                                    |                 |                               |          |                      |

## LiquidSpring Application Guide: Full Line, p/n D11534 Rev KY

|                                    |              |                                       |               |     |         |         |       |        |                    |        |                     |                   |                                     |                                                                                                                           | Application     |                               |          |                      |
|------------------------------------|--------------|---------------------------------------|---------------|-----|---------|---------|-------|--------|--------------------|--------|---------------------|-------------------|-------------------------------------|---------------------------------------------------------------------------------------------------------------------------|-----------------|-------------------------------|----------|----------------------|
| Model                              | Model Years  | Axle GAWR (either Axle or Susp) (lbs) | Axle Model(s) | Cab | WB (in) | CA (in) | Frame | Engine | Fuel Tank Location | Brakes | OEM Susp. GAWR Type | Snow Chain Avail? | LiquidSpring Kit / Max Rating (lbs) | Comments                                                                                                                  | Adventure Truck | EMS, Fire and Rescue Vehicles | Mobility | Recreational Vehicle |
| 4500/5500 Cab Chassis 2" Lift Kits |              |                                       |               |     |         |         |       |        |                    |        |                     |                   |                                     |                                                                                                                           |                 |                               |          |                      |
| FRONT<br>4500/5500<br>Cab Chassis  | 2019-Current | 7000                                  | n/a           | Any | 145+    | 60+     | n/a   | Any    | Mid, Rear          | n/a    | N/A                 | No                | FS70R-L2 7000                       | Front Suspension (requires Rear DS135RS4-L2DS/-L2SS/-L4DS/-L4SS/-L4M/-L4MB kit)                                           | X               |                               |          | X                    |
|                                    | 2019-Current | 7000                                  | n/a           | Any | 145+    | 60+     | n/a   | Any    | Mid, Rear          | n/a    | N/A                 | No                | FS70R-L2TE 7000                     | Front Suspension (requires Rear DS135RS4-L4FWTE/-L4MTE/-L4MBTE/-L4WATE kit). System is equipped with Tru-Earth Leveling™. | X               |                               |          | X                    |
|                                    | 2019-Current | 7250                                  | n/a           | Any | 145+    | 60+     | n/a   | Any    | Mid, Rear          | n/a    | N/A                 | No                | FS73R-L2 7250                       | Front Suspension (requires Rear DS135RS4-L2DS/-L2SS/-L4DS/-L4SS/-L4M/-L4MB kit)                                           | X               |                               |          | X                    |
|                                    | 2019-Current | 7250                                  | n/a           | Any | 145+    | 60+     | n/a   | Any    | Mid, Rear          | n/a    | N/A                 | No                | FS73R-L2TE 7250                     | Front Suspension (requires Rear DS135RS4-L4FWTE/-L4MTE/-L4MBTE/-L4WATE kit). System is equipped with Tru-Earth Leveling™. | X               |                               |          | X                    |
|                                    | 2019-Current | 7250                                  | n/a           | Reg | 145+    | 84      | n/a   | Any    | Rear               | n/a    | N/A                 | No                | FS73R-L2RC 7250                     | Front Suspension (requires Rear DS135RS4-L4WA kit). System is equipped with Tru-Earth Leveling™.                          | X               |                               |          | X                    |
|                                    | 2019-Current | 7250                                  | n/a           | Reg | 145+    | 84      | n/a   | Any    | Rear               | n/a    | N/A                 | No                | FS73R-L2RCTE 7250                   | Front Suspension (requires Rear DS135RS4-L4FWTE/-L4MTE/-L4MBTE/-L4WATE kit). System is equipped with Tru-Earth Leveling™. | X               |                               |          | X                    |

## LiquidSpring Application Guide: Full Line, p/n D11534 Rev KY

| Model                             | Model Years  | Axle GAWR (either Axle or Susp) (lbs) | Axle Model(s) | Cab                     | WB (in)                  | CA (in)                | Frame | Engine | Fuel Tank Location | Brakes | OEM Susp. GAWR Type | Snow Chain Avail? | LiquidSpring Kit / Max Rating (lbs) | Comments                                                                                                                                                                                                                                                                                      | Application     |                               |          |                      |
|-----------------------------------|--------------|---------------------------------------|---------------|-------------------------|--------------------------|------------------------|-------|--------|--------------------|--------|---------------------|-------------------|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------------------------|----------|----------------------|
|                                   |              |                                       |               |                         |                          |                        |       |        |                    |        |                     |                   |                                     |                                                                                                                                                                                                                                                                                               | Adventure Truck | EMS, Fire and Rescue Vehicles | Mobility | Recreational Vehicle |
| <b>REAR 4500/5500 Cab Chassis</b> | 2014-Current | 10000                                 | n/a           | CC                      | 173                      | 60                     | n/a   | Any    | Mid Only           | n/a    | N/A                 | Yes               | DS100RS4-L2P 10000                  | EOG Only. Must include the XXS VSIM option (included in ambulance prep) Speed signal for 41" tires. Requires exhaust PN 68261138AB. System is equipped with Tru-Earth Leveling™.                                                                                                              |                 |                               |          |                      |
|                                   | 2014-Current | 10000                                 | n/a           | Reg<br>Reg<br>Reg<br>CC | 169<br>193<br>205<br>197 | 84<br>108<br>120<br>84 | n/a   | Any    | Mid, Rear          | n/a    | N/A                 | Yes               | DS100RS4-L2SS 10000                 | Must include the XXS VSIM option (included in ambulance prep). Volumes outside frame rails, each side. PM under cab on RH outboard. If using 22 gallon midship diesel tank, you'll need to order exhaust P/N: 68261138AA. 2" lift over standard. System is equipped with Tru-Earth Leveling™. | X               |                               |          |                      |
|                                   | 2014-Current | 12000 - 13500                         | n/a           | Any                     | 145+                     | 60+                    | n/a   | Any    | Rear Only          | n/a    | N/A                 | Yes               | DS135RS4-L2DS 13500                 | Must include the XXS VSIM option (included in ambulance prep). Volumes double stacked inside of frame rails, LH side. PM under cab on RH outboard. 2" lift over standard. System is equipped with Tru-Earth Leveling™.                                                                        | X               |                               |          |                      |
|                                   | 2014-Current | 12000 - 13500                         | n/a           | Any                     | 145+                     | 60+                    | n/a   | Any    | Rear Only          | n/a    | N/A                 | Yes               | DS135RS4-L2SSVR 13500               | Must include the XXS VSIM option (included in ambulance prep). Volumes single stacked on rear behind struts, outboard frame rails. PM under cab on RH outboard. 2" lift over standard. System is equipped with Tru-Earth Leveling™.                                                           | X               |                               |          |                      |
|                                   | 2014-Current | 12000 - 13500                         | n/a           | Reg<br>Reg<br>Reg<br>CC | 169<br>193<br>205<br>197 | 84<br>108<br>120<br>84 | n/a   | Any    | Mid, Rear          | n/a    | N/A                 | Yes               | DS135RS4-L2SS 13500                 | Must include the XXS VSIM option (included in ambulance prep). Volumes outside frame rails, each side. PM under cab on RH outboard. If using 22 gallon midship diesel tank, you'll need to order exhaust P/N: 68261138AA. 2" lift over standard. System is equipped with Tru-Earth Leveling™. | X               |                               |          |                      |
|                                   | 2014-Current | 12000 - 13500                         | n/a           | CC                      | 173                      | 60                     | n/a   | Any    | Mid Only           | n/a    | N/A                 | Yes               | DS135RS4-L2P 13500                  | EOG Only. Must include the XXS VSIM option (included in ambulance prep) Speed signal for 41" tires. Requires exhaust PN 68261138AB. System is equipped with Tru-Earth Leveling™.                                                                                                              |                 |                               |          |                      |

## LiquidSpring Application Guide: Full Line, p/n D11534 Rev KY

| Application                        |              |                                       |               |                         |                          |                        |       |        |                    |        |                     |                   |                                     |                                                                                                                                                                                                                                                                                                                                                 |                 |                               |          |                      |
|------------------------------------|--------------|---------------------------------------|---------------|-------------------------|--------------------------|------------------------|-------|--------|--------------------|--------|---------------------|-------------------|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------------------------|----------|----------------------|
| Model                              | Model Years  | Axle GAWR (either Axle or Susp) (lbs) | Axle Model(s) | Cab                     | WB (in)                  | CA (in)                | Frame | Engine | Fuel Tank Location | Brakes | OEM Susp. GAWR Type | Snow Chain Avail? | LiquidSpring Kit / Max Rating (lbs) | Comments                                                                                                                                                                                                                                                                                                                                        | Adventure Truck | EMS, Fire and Rescue Vehicles | Mobility | Recreational Vehicle |
| 4500/5500 Cab Chassis 4" Lift Kits |              |                                       |               |                         |                          |                        |       |        |                    |        |                     |                   |                                     |                                                                                                                                                                                                                                                                                                                                                 |                 |                               |          |                      |
| REAR 4500/5500 Cab Chassis         | 2014-Current | 10000                                 | n/a           | Reg<br>Reg<br>Reg<br>CC | 169<br>193<br>205<br>197 | 84<br>108<br>120<br>84 | n/a   | Any    | Mid, Rear          | n/a    | N/A                 | Yes               | DS100RS4-L4SS 10000                 | Must include the XXS VSIM option (included in ambulance prep). Volumes outside frame rails, each side. PM under cab on RH outboard. If using 22 gallon midship diesel tank, you'll need to order exhaust P/N: 68261138AA. 4" lift over standard. System is equipped with Tru-Earth Leveling™.                                                   | X               |                               |          |                      |
|                                    | 2014-Current | 12000 - 13500                         | n/a           | Any                     | 145+                     | 60"+                   | n/a   | Any    | Rear Only          | n/a    | N/A                 | Yes               | DS135RS4-L4DS 13500                 | Must include the XXS VSIM option (included in ambulance prep). Volumes double stacked inside of frame rails, LH side. PM under cab on RH outboard. 4" lift over standard. (Brush Truck) System is equipped with Tru-Earth Leveling™.                                                                                                            | X               |                               |          |                      |
|                                    | 2014-Current | 12000 - 13500                         | n/a           | Reg<br>Reg<br>Reg<br>CC | 169<br>193<br>205<br>197 | 84<br>108<br>120<br>84 | n/a   | Any    | Mid, Rear          | n/a    | N/A                 | Yes               | DS135RS4-L4SS 13500                 | Must include the XXS VSIM option (included in ambulance prep). Volumes outside frame rails, each side. PM under cab on RH outboard. If using 22 gallon midship diesel tank, you'll need to order exhaust P/N: 68261138AA. 4" lift over standard. System is equipped with Tru-Earth Leveling™.                                                   | X               |                               |          |                      |
|                                    | 2014-Current | 12000-13500                           | n/a           | Reg<br>Reg<br>Reg<br>CC | 169<br>193<br>205<br>197 | 84<br>108<br>120<br>84 | n/a   | Any    | Mid, Rear          | n/a    | N/A                 | Yes               | DS135RS4-L4SMTE 13500               | Must include the XXS VSIM option (included in ambulance prep). Volumes outside frame rails, each side. PM under cab on RH outboard. If using 22 gallon midship diesel tank, you'll need to order exhaust P/N: 68261138AA. 4" lift over standard. System is equipped with Tru-Earth Leveling™ (with normally closed rate valves). Struts are HD. | X               |                               |          |                      |
|                                    | 2014-Current | 12000 - 13500                         | n/a           | Any                     | 145+                     | 60"+                   | n/a   | Any    | Rear Only          | n/a    | N/A                 | Yes               | DS135RS4-L4MTE 13500                | Must include the XXS VSIM option (included in ambulance prep). Volumes double stacked inside of frame rails, LH side. PM under cab on RH outboard. 4" lift over standard. (Use with Dynamax). System is equipped with Tru-Earth Leveling™.                                                                                                      | X               |                               |          | X                    |
|                                    | 2014-Current | 12000 - 13500                         | n/a           | Any                     | 145+                     | 60"+                   | n/a   | Any    | Rear Only          | n/a    | N/A                 | Yes               | DS135RS4-L4MBTE 13500               | Must include the XXS VSIM option (included in ambulance prep). Volumes double stacked inside of frame rails, LH side. PM under cab on RH outboard. 4" lift over standard. Speed signal for 41" tires. System is equipped with Tru-Earth Leveling™.                                                                                              | X               |                               |          | X                    |
|                                    | 2014-Current | 12000 - 13500                         | n/a           | Any                     | 145+                     | 60"+                   | n/a   | Any    | Rear Only          | n/a    | N/A                 | Yes               | DS135RS4-L4WA 13500                 | Must include the XXS VSIM option (included in ambulance prep). Volumes double stacked inside of frame rails, LH side. PM under cab on RH outboard. 4" lift over standard. Speed signal for 41" tires. Use with Winnebago Arka. System is equipped with Tru-Earth Leveling™.                                                                     | X               |                               |          | X                    |

## LiquidSpring Application Guide: Full Line, p/n D11534 Rev KY

|                                    |              |                                       |               |        |         |         |                |        |                    |        |                     |                   |                                     |                                                                                                                                                                                                | Application     |                               |          |                      |
|------------------------------------|--------------|---------------------------------------|---------------|--------|---------|---------|----------------|--------|--------------------|--------|---------------------|-------------------|-------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------------------------|----------|----------------------|
| Model                              | Model Years  | Axle GAWR (either Axle or Susp) (lbs) | Axle Model(s) | Cab    | WB (in) | CA (in) | Frame          | Engine | Fuel Tank Location | Brakes | OEM Susp. GAWR Type | Snow Chain Avail? | LiquidSpring Kit / Max Rating (lbs) | Comments                                                                                                                                                                                       | Adventure Truck | EMS, Fire and Rescue Vehicles | Mobility | Recreational Vehicle |
| Toyota                             |              |                                       |               |        |         |         |                |        |                    |        |                     |                   |                                     |                                                                                                                                                                                                |                 |                               |          |                      |
| Land Cruiser 79 Series 3" Lift Kit |              |                                       |               |        |         |         |                |        |                    |        |                     |                   |                                     |                                                                                                                                                                                                |                 |                               |          |                      |
| Front 79 Series                    | 2017-Current | 3,395                                 | n/a           | Double | Any     | Any     | VDJ79R-DKMRYQ3 | Diesel | Rear               | n/a    | N/A                 | No                | FS34T-L3E 3400                      | Front Suspension (requires Rear DS67T-L3E kit). Requires adjustable track rod.                                                                                                                 | X               |                               |          |                      |
| REAR 79 Series                     | 2017-Current | 6,658                                 | DWIZ          | Double | Any     | Any     | VDJ79R-DKMRYQ3 | Diesel | Rear               | n/a    | N/A                 | No                | DS67T-L3E 6700                      | Requires DWIZ axle w/ LiquidSpring prep package, DMW frame reinforcement kit DMWLC70CHBR, & rear exhaust section removed; <b>Order LS kit: 13370 if DWIZ axle doesn't have LS prep package</b> | X               |                               |          |                      |