

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

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			
															General	Ambulance	Bus	Motorhome
<b>Ford</b>																		
<b>E-Series Cutaway / Strip Chassis</b>																		
<b>Front E450</b>	2021-Current	5000	n/a	Cutaway, Strip	Any	Any	n/a	Any	n/a	n/a	n/a	No	FS50F	Front Suspension (requires Rear DS96FS3 kit)	X	X		X
<b>REAR E350</b>	2021-Current	8500	n/a	Cutaway, Strip	158, 176	100, 118	n/a	Any	Mid*, Rear	n/a	n/a	No	DS85FS3 8500	* Mid ship fuel tank may require relocation of power module	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	DS85FS3M 8500	Uses NO rate valves				X
	2006-2019	8500	n/a	Cutaway, Strip	158, 176	100, 118	n/a	Any	Mid*, Rear	n/a	n/a	No	DS85FS2 8500	* Mid ship fuel tank may require relocation of power module	X	X	X	
	2006-2019	8500	n/a	Cutaway	158, 176	100, 118	n/a	Any	Rear	n/a	n/a	No	DS85FS2-BA 8500	Uses 10830-014 volume mounts on driver side (vol. under frame)		X		
<b>REAR E450</b>	2021-Current	9600	n/a	Cutaway, Strip	158, 176	100, 118	n/a	Any	Mid*, Rear	n/a	n/a	No	DS96FS3 9600	* Mid ship fuel tank may require relocation of power module	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	DS96FS3M 9600	Uses NO rate valves, 10830-014 volume mounts, & larger struts				X
	2006-2019	9600	n/a	Cutaway, Strip	158, 176	100, 118	n/a	Any	Mid*, Rear	n/a	n/a	No	DS96FS2 9600	* Mid ship fuel tank may require relocation of power module	X	X	X	
	2006-2019	9600	n/a	Cutaway, Strip	158, 176	100, 118	n/a	Any	Rear	n/a	n/a	No	DS96FS2M 9600	Uses NC rate valves				X
	2006-2019	9600	n/a	Cutaway	158, 176	100, 118	n/a	Any	Rear	n/a	n/a	No	DS96FS2-BA 9600	Uses 10830-014 volume mounts on driver side (vol. under frame)		X		
	2006-2019	9600	n/a	Cutaway	SP	SP	n/a	Any	Rear	n/a	n/a	No	DS96FS2-MC 9600	Uses NC rate valves. Special unit fo Chinook RV.				X
<b>REAR Arboc E450 Low Floor</b>	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
	2018-2019	9600	n/a	Cutaway	SP	SP	n/a	Any	Rear	n/a	n/a	No	DS96FS2-ASF 9600	Special unit for Arboc Low Floor bus; Spirit of Freedom only; Front susp add on requires 4-corner ECU and analog steering sensor.				X
<b>REAR Champion E450 Low Floor</b>	2021-Current	9600	n/a	Cutaway	SP	SP	n/a	Any	Rear	n/a	n/a	No	DS96FS3-CLF 9600	Special unit for Champion Low Floor bus				X
	2006-2019	9600	n/a	Cutaway	SP	SP	n/a	Any	Rear	n/a	n/a	No	DS96FS2-CLF 9600	Special unit for Champion Low Floor bus				X

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															General	Ambulance	Bus	Motorhome
<b>F350 Cab Chassis</b>																		
REAR F350 4x2 Cab Chassis	2017-Current	10040	n/a	Reg	169	84	n/a	Any	Mid*, Rear	n/a	n/a	Yes	DS100F2 10040	* Mid ship fuel tank may require relocation of OEM DEF tank	X	X		
	2011-2016	9750	n/a	Reg	165	84	n/a	Any	Mid*, Rear	n/a	n/a	Yes	DS98F2 9750	* Mid ship fuel tank may require relocation of OEM DEF tank	X	X		
	2017-Current	10040	n/a	Reg	169	84	n/a	Any	Dual	n/a	n/a	Yes	DS100F2F 10040	Special unit for Frazer. PM mounted behind rear fuel tank.	X	X		
REAR F350 4x4 Cab Chassis	2017-Current	10040	n/a	Reg	169	84	n/a	Any	Mid*, Rear	n/a	n/a	Yes	DS100F4 10040	* Mid ship fuel tank may require relocation of OEM DEF tank	X	X		
	2011-2016	9750	n/a	Reg	165	84	n/a	Any	Mid*, Rear	n/a	n/a	Yes	DS98F4 9750	* Mid ship fuel tank may require relocation of OEM DEF tank	X	X		
	2017-Current	10040	n/a	Reg	169	84	n/a	Any	Dual	n/a	n/a	Yes	DS100F4F 10040	Special unit for Frazer. PM mounted behind rear fuel tank.	X	X		
<b>F450 Cab Chassis</b>																		
FRONT F450 Cab Chassis (4x4 or 4x2)	2017-Current	7000	n/a	Reg, Reg, Ext, CC	169, 193, 205, 192, 205	84, 108, 120, 84, 84	n/a	Any	n/a	n/a	n/a	No	FS70F 7000 (FS70FC)	Front Suspension (requires Rear DS129FS3 kit) FS70FC includes FS70F and conversion kits for existing vehicles with DS129FS3 installed.	X	X		
	2017-Current	7000	n/a	Reg, Reg, Ext, CC	169, 193, 205, 192, 205	84, 108, 120, 84, 84	n/a	Any	n/a	n/a	n/a	No	FS70FF 7000 (FS70FFC)	Front Suspension (requires Rear DS129FS3F kit) FS70FFC includes FS70FF and conversion kits for existing vehicles with DS129FS3F installed.	X	X		
REAR F450 Cab Chassis (4x4 or 4x2)	2017-Current	12880	n/a	Reg, Reg, Ext, CC	169, 193, 205, 192, 205	84, 108, 120, 84, 84	n/a	Any	Mid (gas), Rear	n/a	n/a	Yes	DS129FS3 12880	System does not fit on chassis with diesels mid-ship fuel tanks on 84" and 108" CA.	X	X		
	2017-Current	12880	n/a	Reg, Reg, Ext, CC	169, 193, 205, 192, 205	84, 108, 120, 84, 84	n/a	Any	Dual	n/a	n/a	Yes	DS129FS3F 12880	Special unit for Frazer. PM mounted behind rear fuel tank.	X	X		
	2011-2016	12000	n/a	Reg, Reg, Ext, CC	165, 189, 201, 186, 200	84, 108, 120, 84, 84	n/a	Any	Mid*, Rear	n/a	n/a	Yes	DS137FS2 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, Reg, Ext, CC	165, 189, 201, 186, 200	84, 108, 120, 84, 84	n/a	Any	Mid*, Rear	n/a	n/a	Yes	DS137FS2-10 13660	* Mid ship fuel tank may require relocation of OEM DEF tank on 84" and 108" CA vehicles.	X	X		

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															General	Ambulance	Bus	Motorhome
<b>F550 Cab Chassis</b>																		
<b>FRONT F550 Cab Chassis (4x4 or 4x2)</b>	2017-Current	7000	n/a	Reg, Reg, Ext, CC	169, 193, 205, 192, 205	84, 108, 120, 84, 84	n/a	Any	n/a	n/a	n/a	No	FS70F 7000 (FS70FC)	Front Suspension (requires Rear DS147FS3 kit) FS70FC includes FS70F and conversion kits for existing vehicles with DS147FS3 installed.	X	X	X	X
	2017-Current	7000	n/a	Reg, Reg, Ext, CC	169, 193, 205, 192, 205	84, 108, 120, 84, 84	n/a	Any	n/a	n/a	n/a	No	FS70FF 7000 (FS70FFC)	Front Suspension (requires Rear DS147FS3F kit) FS70FFC includes FS70FF and conversion kits for existing vehicles with DS147FS3F installed.	X	X		
<b>REAR F550 Cab Chassis 17500 GVW (4x4 or 4x2)</b>	2017-Current	13660	n/a	Reg, Reg, Ext, CC	169, 193, 205, 192, 205	84, 108, 120, 84, 84	n/a	Any	Mid (gas), Rear	n/a	n/a	Yes	DS147FS3 14704	System does not fit on chassis with diesels mid-ship fuel tanks on 84" and 108" CA.	X	X	X	X
	2011-2016	13660	n/a	Reg, Reg, Ext, CC	165, 189, 201, 186, 200	84, 108, 120, 84, 84	n/a	Any	Mid*, Rear	n/a	n/a	Yes	DS137FS2 13660	* Mid ship fuel tank may require relocation of OEM DEF tank on 84" and 108" CA vehicles.	X	X	X	X
	2011-2016	13660	n/a	Reg	201	120	n/a	Any	Rear	n/a	n/a	Yes	DS137FS2M 13660	Volumes double stacked outboard RH frame. NC Rate Valves. Created for Dodgen.				X
	2008-2010	13660	n/a	Reg, Reg, Ext, CC	165, 189, 201, 186, 200	84, 108, 120, 84, 84	n/a	Any	Mid*, Rear	n/a	n/a	Yes	DS137FS2-10 13660	* Mid ship fuel tank may require relocation of OEM DEF tank on 84" and 108" CA vehicles.	X	X	X	
<b>REAR F550 Cab Chassis 19500 GVW (4x4 or 4x2)</b>	2017-Current	14706	n/a	Reg, Reg, Ext, CC	169, 193, 205, 192, 205	84, 108, 120, 84, 84	n/a	Any	Mid (gas), Rear	n/a	n/a	Yes	DS147FS3 14704	System does not fit on chassis with diesels mid-ship fuel tanks on 84" and 108" CA.	X	X	X	X
	2017-Current	14706	n/a	Reg, Reg, Ext, CC	169, 193, 205, 192, 205	84, 108, 120, 84, 84	n/a	Any	Dual	n/a	n/a	Yes	DS147FS3F 14704	Special unit for Frazer. PM mounted behind rear fuel tank.	X	X		
	2017-Current	14706	n/a	Reg	193	108	n/a	Any	Rear	n/a	n/a	Yes	DS147FS3-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		

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															General	Ambulance	Bus	Motorhome
<b>REAR F550 Cab Chassis 19500 GVW (4x4 or 4x2)</b>	2017 - Current	14706	n/a	Reg	n/a	n/a	n/a	Any	Rear	n/a	n/a	Yes	DS147FS3-CNG 14704	Kit created to work with Creative CNG bus application. Volumes are double stacked inside frame on LH side.			X	
	2017-Current	14706	n/a	Reg, Ext, CC	205-257	n/a	n/a	Any	Mid, Rear	n/a	n/a	Yes	DS147FS3B 14704	Kit created to accomodate bus chassis that have a wheelbase stretched between 205" and 257"			X	
	2011-2016	14706	n/a	Reg, Reg, Reg, Ext, CC	165, 189, 201, 186, 200	84, 108, 120, 84, 84	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		
<b>F650</b>																		
<b>REAR F650 ProLoader Tapered Frame</b>	2016-Current	13500-17500 (12000)	Dana S140	Any	158+	84+	n/a	Diesel	Any	Hydraulic Only	12000 Air Ride	Yes	DS120F650LP-AH 12000	PM mount behind rear axle, forward mounted volumes	X	X		
<b>REAR F650 Straight Rail Frame</b>	2016-Current	17500-19000 (13500)	Dana S140	Any	158+	84+	n/a	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	X		
	2016-Current	17500-19000 (13500)	Dana S140	Any	158+	84+	n/a	Any	Any	Hydraulic Only	19000-21000 Leaf Springs	TBD	DS135F650SR-SHF 13500	Volumes forward, PM forward LH inboard frame	X		X	X
	2016-Current	17500-19000 (15500)	Dana S140	Any	158+	84+	n/a	Any	Any	Hydraulic Only	19000-21000 Leaf Springs	TBD	DS155F650SR-SHB 15500	Volumes forward, PM forward LH inboard frame	X		X	X
	2016-Current	17500-19000 (19000)	Dana S140	Any	158+	84+	n/a	Any	Any	Hydraulic Only	19000-21000 Leaf Springs	TBD	DS190F650SR-SHB 19000	Volumes forward, PM forward LH inboard frame	X		X	X
	2016-Current	17500-19000 (13500)	Dana S140	Any	158+	84+	n/a	Diesel	Any	Hydraulic Only	19000-21000 Air Ride	TBD	DS135F650SR-AH 13500	Volumes forward, PM forward LH inboard frame	X		X	X
	2016-Current	17500-19000 (17500)	Dana S140	Any	158+	84+	n/a	Diesel	Any	Hydraulic Only	19000-21000 Air Ride	TBD	DS175F650SR-AH 17500	Volumes forward, PM forward LH inboard frame	X		X	X
	2016-Current	17500-19000 (19000)	Dana S140	Any	158+	84+	n/a	Diesel	Any	Hydraulic Only	19000-21000 Air Ride	TBD	DS190F650SR-AH 19000	Volumes forward, PM forward LH inboard frame	X		X	X

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															General	Ambulance	Bus	Motorhome
<b>F53</b>																		
FRONT F53 16K GVW	2009-2019	7000	n/a	n/a	158 176 190	n/a	n/a	n/a	n/a	n/a	Steel Leaf 6500	No	FS70F53S2 7000 (FS70F53S2C)	Front Suspension (requires DS120F53S2 Rear kit) FS70F53S2C includes FS70F53S2 and conversion kits for existing vehicles with DS120F53 installed.			X	X
FRONT F53 18K GVW	2009-2019	7000	n/a	n/a	158 176 190	n/a	n/a	n/a	n/a	n/a	Steel Leaf 7000	No	FS70F53S2 7000 (FS70F53S2C)	Front Suspension (requires DS120F53S2 Rear kit) FS70F53S2C includes FS70F53S2 and conversion kits for existing vehicles with DS120F53 installed.			X	X
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	FS80F53S2 8000 (FS80F53S2C)	Front Suspension (requires DS150F53S2 Rear kit) FS80F53S2C includes FS80F53S2 and conversion kits for existing vehicles with DS150F53 installed.			X	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	FS80F53S2 8000 (FS80F53S2C)	Front Suspension (requires DS150F53S2 Rear kit) FS80F53S2C includes FS80F53S2 and conversion kits for existing vehicles with DS150F53 installed.			X	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	FS90F2 9000 (FS90F2C)	Front Suspension (requires DS175F53S2 Rear kit) Front Sway Bar Kit- P/N: 12125 FS90F2C includes FS90F2 and conversion kits for existing vehicles with DS175F53 installed.			X	X
FRONT F53 26K GVW	2009-2019	9000	n/a	n/a	242 252	n/a	n/a	n/a	n/a	n/a	Steel Leaf 9000	No	FS90F2 9000 (FS90F2C)	Front Suspension (requires DS175F53S2 Rear kit) Front Sway Bar Kit- P/N: 12125 FS90F2C includes FS90F2 and conversion kits for existing vehicles with DS175F53 installed.			X	X
FRONT F53 16K GVW	2020+	7000	n/a	n/a	158 176 190	n/a	n/a	n/a	n/a	n/a	Steel Leaf 6500	No	FS70F53S3 7000	Front Suspension (requires DS120F53S3 Rear kit)			X	X
FRONT F53 18K GVW	2020+	7000	n/a	n/a	158 176 190	n/a	n/a	n/a	n/a	n/a	Steel Leaf 7000	No	FS70F53S3 7000	Front Suspension (requires DS120F53S3 Rear kit)			X	X
FRONT F53 20.5K GVW	2020+	7000	n/a	n/a	208 228	n/a	n/a	n/a	n/a	n/a	Steel Leaf 7000	No	FS80F53S3 8000	Front Suspension (requires DS150F53S3 Rear kit)			X	X
FRONT F53 22K GVW	2020+	8000	n/a	n/a	208 228 242	n/a	n/a	n/a	n/a	n/a	Steel Leaf 8000	No	FS80F53S3 8000	Front Suspension (requires DS150F53S3 Rear kit)			X	X
FRONT F53 24K GVW	2020+	9000	n/a	n/a	228 242 252	n/a	n/a	n/a	n/a	n/a	Steel Leaf 9000	No	FS90F3 9000	Front Suspension (requires DS175F53S3 Rear kit)			X	X
FRONT F53 26K GVW	2020+	9000	n/a	n/a	242 252	n/a	n/a	n/a	n/a	n/a	Steel Leaf 9000	No	FS90F3 9000	Front Suspension (requires DS175F53S3 Rear kit)			X	X

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															General	Ambulance	Bus	Motorhome
REAR F53 16K GVW	2009-2019	11000	Dana 80	n/a	158 176 190	n/a	n/a	n/a	n/a	n/a	Steel Leaf 11000	No	DS120F53S2 12000	158" WB requires 11468 to mount PM in rear			X	X
REAR F53 18K GVW	2009-2019	12000	Dana 80	n/a	176 190 208 228	n/a	n/a	n/a	n/a	n/a	Steel Leaf 12000	No	DS120F53S2 12000				X	X
REAR F53 20.5K GVW	2009-2019	13500	Dana S110	n/a	208 228	n/a	n/a	n/a	n/a	n/a	Steel Leaf 13500	No	DS150F53S2 15000				X	X
REAR F53 22K GVW	2009-2019	15000	Dana S130	n/a	208 228 242	n/a	n/a	n/a	n/a	n/a	Steel Leaf 15000	No	DS150F53S2 15000				X	X
REAR F53 24K GVW	2009-2019	15500	Dana 17060S	n/a	228 242 252	n/a	n/a	n/a	n/a	n/a	Steel Leaf 15500	No	DS175F53S2 17500				X	X
REAR F53 26K GVW	2009-2019	17500	Dana 17060S	n/a	242 252	n/a	n/a	n/a	n/a	n/a	Steel Leaf 17500	No	DS175F53S2 17500				X	X
REAR F53 20.5K GVW	2020+	13500	Dana S130	n/a	208 228	n/a	n/a	n/a	n/a	n/a	Steel Leaf 13500	No	DS150F53S3 15000	Rear Stab Bar Fastener Kit - P/N: 12083			X	X
REAR F53 22K GVW	2020+	15000	Dana S130	n/a	208 228 242	n/a	n/a	n/a	n/a	n/a	Steel Leaf 15000	No	DS150F53S3 15000	Rear Stab Bar Fastener Kit - P/N: 12083			X	X
REAR F53 24K GVW	2020+	15500	Dana S140	n/a	228 242 252	n/a	n/a	n/a	n/a	n/a	Steel Leaf 15500	No	DS175F53S3 17500	Rear Stab Bar Fastener Kit - P/N: 12083			X	X
REAR F53 26K GVW	2020+	17500	Dana S140	n/a	242 252	n/a	n/a	n/a	n/a	n/a	Steel Leaf 17500	No	DS175F53S3 17500	Rear Stab Bar Fastener Kit - P/N: 12083			X	X
REAR F53 26K GVW	2020+	17500	Dana S140	n/a	252	n/a	n/a	n/a	n/a	n/a	Steel Leaf 17500	No	DS175F53S3-252 17500	Mod Center version for 252" Wheelbase			X	X

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															General	Ambulance	Bus	Motorhome
<b>Freightliner</b>																		
<b>REAR M2-106</b>	2012-Current	Up to 15000 (15000)	Meritor: MS-17-14X Detroit: RS-17.5-4 RS-17.5-2 RS-15.0-2**	Any	n/a	84+	546-020 546-021 546-094 546-093 546-099 546-100	Cummins Detroit Diesel	Forward Only	Hydraulic***	Steel Leaf: 622-1MA (10K) 622-1MB (12.5K) 622-1MC (16K) 622-1MD (18K) 622-1ME (18K) 622-1MT (18K)	Yes	DS150FR-S 15000	Volumes and PM behind rear axle. ** Kit 11337 needed with DA RS 15.0-2 axle *** Air brakes can be used if s-cams and s-cam tubes are converted to air ride compatible versions.	X	X	X	X
	2012-Current	Up to 15000 (15000)	Meritor: MS-17-14X Detroit: RS-17.5-4 RS-17.5-2 RS-15.0-2**	Any	n/a	84+	546-020 546-021 546-094 546-093 546-099 546-100	Cummins Detroit Diesel	Any	Hydraulic***	Steel Leaf: 622-1MA (10K) 622-1MB (12.5K) 622-1MC (16K) 622-1MD (18K) 622-1ME (18K) 622-1MT (18K)	Yes	DS150FR-SS 15000	Volumes forward, PM behind rear axle. ** Kit 11337 needed with DA RS 15.0-2 axle *** Air brakes can be used if s-cams and s-cam tubes are converted to air ride compatible versions.	X	X	X	X
	2012-Current	Up to 15000 (15000)	Meritor: MS-17-14X Detroit: RS-17.5-4 RS-17.5-2 RS-15.0-2**	Any	n/a	84+	546-020 546-021 546-094 546-093 546-099 546-100	Cummins Detroit Diesel	Any	Hydraulic***	Steel Leaf: 622-1MA (10K) 622-1MB (12.5K) 622-1MC (16K) 622-1MD (18K) 622-1ME (18K) 622-1MT (18K)	Yes	DS150FR-SSA 15000	Volumes forward, PM behind rear axle. ** Kit 11337 needed with DA RS 15.0-2 axle. Kit created for Braun (other ambulance mfr can use). Has 10830-013 volume mounts in place of 10830-015. *** Air brakes can be used if s-cams and s-cam tubes are converted to air ride compatible versions.		X		
	2012-Current	Up to 15000 (15000)	Meritor: MS-17-14X Detroit: RS-17.5-4 RS-17.5-2 RS-15.0-2**	Any	n/a	84+	546-020 546-021 546-094 546-093 546-099 546-100	Cummins Detroit Diesel	Forward Only	Air Drum, Hydraulic	Air Susp: 622-1CW (10K) 622-1CX (12K) 622-1CY (15K)	Yes (hyd brks)	DS150FR-A 15000	Volumes and PM behind rear axle. ** Kit 11338 needed with DA RS 15.0-2 axle	X	X	X	X
	2012-Current	Up to 15000 (15000)	Meritor: MS-17-14X Detroit: RS-17.5-4 RS-17.5-2 RS-15.0-2**	Any	n/a	84+	546-020 546-021 546-094 546-093 546-099 546-100	Cummins Detroit Diesel	Any	Air Drum, Hydraulic	Air Susp: 622-1CW (10K) 622-1CX (12K) 622-1CY (15K)	Yes (hyd brks)	DS150FR-AS 15000	Volumes forward and PM behind rear axle. ** Kit 11338 needed with DA RS 15.0-2 axle	X	X	X	X
	2012-Current	Up to 15000 (15000)	Meritor: MS-17-14X Detroit: RS-17.5-4 RS-17.5-2 RS-15.0-2**	Any	n/a	84+	546-020 546-021 546-094 546-093 546-099 546-100	Cummins Detroit Diesel	Any	Air Drum, Hydraulic	Air Susp: 622-1CW (10K) 622-1CX (12K) 622-1CY (15K)	Yes (hyd brks)	DS150FR-ASA 15000	Volumes forward, PM behind rear axle. ** Kit 11338 needed with DA RS 15.0-2 axle. Kit created for Braun (other ambulance mfr can use). Has 10830-013 volume mounts in place of 10830-015.		X		

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

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			
															General	Ambulance	Bus	Motorhome
Vehicle Interface Lighting (one of these locations): 353-022 or 353-065 Vehicle interface wiring with body builder connector mounted back of cab. 353-023 or 353-066 Vehicle interface wiring with body builder connector mounted end of frame. 353-026 or 353-067 Vehicle interface wiring and PDM with body builder connector back of cab. 353-027 or 353-068 Vehicle interface wiring and PDM with body builder connector end of frame. Transmission Interface Connector (one of these locations): 34C-001 Transmission Interface Harness at front fire wall 34C-002 Transmission Interface Harness at back of cab																		
<b>Freightliner Custom Chassis</b>																		
<b>REAR S2C, S2</b>	2012-Current	Up to 15000	Meritor: MS-17-14X Detroit: RS-17.5-4 RS-17.5-2 RS-17.0-4	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	X		X	X
	2012-Current	Up to 15000	Meritor: MS-17-14X Detroit: RS-17.5-4 RS-17.5-2 RS-17.0-4	Any	n/a	84+	n/a	Cummins Detroit Diesel	Rear	Hydraulic Only	10K-20K Steel Leaf	Yes	DS150FRC-S 15000	Volumes and PM forward LH inside frame. Designed for 22.5" tires (Ride optimized for 13,500 GAWR)	X		X	X
	2012-Current	Up to 17500	Meritor: MS-17-14X Detroit: RS-17.5-4 RS-17.5-2 RS-17.0-4	Any	n/a	84+	n/a	Cummins Detroit Diesel	Rear	Hydraulic Only	10K-20K Steel Leaf	Yes	DS175FRC-S 17500	Volumes and PM forward LH inside frame. Designed for 22.5" tires	X		X	X



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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			
															General	Ambulance	Bus	Motorhome
<b>General Motors (Chevrolet/GMC)</b>																		
<b>Express/Savana G-Series Cutaway</b>																		
REAR G3500: G33503 G33803 G33903	2013-Current	8600	n/a	Cutaway	139, 159, 177	80, 100, 118	n/a	Gas	Midship	n/a	n/a	No	DS96GM4-AM 9600	PM rear mount, Includes Intermotive UIM for speed.	X	X	X	
	2013-Current	8600	n/a	Cutaway	139, 159, 177	80, 100, 118	n/a	Gas	Rear	n/a	n/a	No	DS96GM4-AR 9600	PM forward, LH inside frame, Includes Intermotive UIM for speed.	X	X	X	
REAR G4500: G33803 G33903	2013-Current	9600	n/a	Cutaway	139, 159, 177	80, 100, 118	n/a	Gas	Midship	n/a	n/a	No	DS96GM4-AM 9600	PM rear mount, Includes Intermotive UIM for speed.	X	X	X	
	2013-Current	9600	n/a	Cutaway	139, 159, 177	80, 100, 118	n/a	Gas	Rear	n/a	n/a	No	DS96GM4-AR 9600	PM forward, LH inside frame, Includes Intermotive UIM for speed.	X	X	X	
REAR G4500 based Low Floor bus (Arboc)	2013-Current	9600	n/a	Cutaway	n/a	n/a	n/a	Gas	Rear	n/a	n/a	No	DS96GM4-ALF 9600	PM forward, LH inside frame, Volumes mounted high and outboard from frame. Includes Intermotive UIM for speed. ** Special unit for Arboc.			X	
<b>Silverado/Sierra Cab Chassis</b>																		
REAR C/K 3500HD: C/K 36403/31403	2014-2019	9750	n/a	Reg	162	84	n/a	Any	Any	n/a	n/a	No	DS98GM 9750	Requires GTY wide track rear axle	X	X		
	2020-Current	10500	Any	Reg	171	84.5	n/a	Any	Rear	n/a	n/a	TBD	DS105GM2 10500	Requires GTY wide track rear axle; Midship delete with DEF relocation inside framerail only.	X	X		
	2020-Current	10500	Any	Reg	171	84.5	n/a	Any	Any	n/a	n/a	TBD	DS105GM2F 10500	Requires GTY wide track rear axle; DEF relocation inside framerail only; PM mounted behind rear tank; Special unit for Frazer	X	X		
<b>Silverado Cab Chassis Medium Duty</b>																		
REAR 4500HD 4x2 (15K-16.5K GVW)	2019-Current	10000-13500	Dana S14-110	Reg, Crew	Min. 165"	84, 108	n/a	Gas, Diesel	Rear	Hydraulic Only	10K-13.5K Steel Leaf	Yes	DS135NCV2-S 13500	4x2 only		X		
	2019-Current	10000-13500	Dana S14-110	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		X		
	2019-Current	10000-13500	Dana S14-110	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		X		
	2019-Current	10000-13500	Dana S14-110	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		X		
REAR 4500HD 4x4 (15K-16.5K	2019-Current	10000-13500	Dana 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		X		
	2019-Current	10000-13500	Dana 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		X		

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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			
															General	Ambulance	Bus	Motorhome
REAR 5500HD 4x2 (17.5-19.5K GVW)	2019-Current	10000-13500	Dana S14-110	Reg, Crew	Min. 165"	84, 108	n/a	Gas, Diesel	Rear	Hydraulic Only	10K-13.5K Steel Leaf	Yes	DS135NCV2-S 13500	4x2 only		X		
	2019-Current	10000-13500	Dana S14-110	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		X		
	2019-Current	10000-13500	Dana S14-110	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		X		
	2019-Current	10000-13500	Dana S14-110	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		X		
	2019-Current	15000-15500	Dana 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		X		
	2019-Current	15000-15500	Dana 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		X		
	2019-Current	15000-15500	Dana 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		X		
	2019-Current	15000-15500	Dana 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		X		
REAR 5500HD 4x4 (17.5-19.5K GVW)	2019-Current	10000-13500	Dana 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		X		
	2019-Current	10000-13500	Dana 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		X		
	2019-Current	15000-15500	Dana 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		X		
	2019-Current	15000-15500	Dana 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		X		
	2019-Current	15000-15500	Dana 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. split along frame rails behind axle; Rear PM; Fits 35R Nexus Rebel; 30R requires custom vol. mounting				X
REAR 6500HD 4x2 (21K-22.94K GVW)	2019-Current	10000-13500	Dana S14-110	Reg, Crew	Min. 165"	84, 108	n/a	Gas, Diesel	Rear	Hydraulic Only	10K-13.5K Steel Leaf	Yes	DS135NCV2-S 13500	4x2 only		X		
	2019-Current	10000-13500	Dana S14-110	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		X		
	2019-Current	10000-13500	Dana S14-110	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		X		
	2019-Current	10000-13500	Dana S14-110	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		X		
	2019-Current	15000-15500	Dana 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		X		
	2019-Current	15000-15500	Dana 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		X		
	2019-Current	15000-15500	Dana 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		X		
	2019-Current	15000-15500	Dana 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		X		

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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			
															General	Ambulance	Bus	Motorhome
<b>REAR 6500HD 4x4 (21K-22.94K GVW)</b>	2019-Current	10000-13500	Dana 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		X		
	2019-Current	10000-13500	Dana 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		X		
	2019-Current	15000-15500	Dana 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		X		
	2019-Current	15000-15500	Dana 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		X		
	2019-Current	15000-15500	Dana 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. split along frame rails behind axle; Rear PM; Fits 35R Nexus Rebel; 30R requires custom vol. mounting				X

**General Motors (Chevrolet/GMC) -- TSC Install (Only Available at Chevrolet/GMC Dealers)**

**Silverado Cab Chassis Medium Duty -- TCS Ship-Thru Code: WU2**

<b>REAR 4500HD 5500HD 6500HD 4x2 (15K-22.94K GVW)</b>	2019-Current	10000-13500	Dana S14-110	Reg, Crew	Min. 189" (ER2)	84, 108	n/a	Gas, Diesel	Rear	Hydraulic Only	N/A	TBD	DS135NCV2-N 13500	Chevrolet Order Code: 91C (13.5K LiquidSpring Accommodation Pkg) Volumes double stacked on driver side, PM located behind axle		X		
	2019-Current	10000-13500	Dana S14-110	Reg, Crew	Min. 189" (ER2)	84, 108	n/a	Gas, Diesel	Rear	Hydraulic Only	N/A	TBD	DS135NCV2-NST 13500	Chevrolet Order Code: 91B (13.5K LiquidSpring Accommodation Pkg) Volumes each side, PM located behind axle		X		
	2019-Current	15000-15500	Dana S16-130	Reg, Crew	Min. 189" (ER2)	84, 108	n/a	Gas, Diesel	Rear	Hydraulic Only	N/A	TBD	DS155NCV2-N 15500	Chevrolet Order Code: 91E (15.5K LiquidSpring Accommodation Pkg) Volumes double stacked on driver side, PM located behind axle		X		
	2019-Current	15000-15500	Dana S16-130	Reg, Crew	Min. 189" (ER2)	84, 108	n/a	Gas, Diesel	Rear	Hydraulic Only	N/A	TBD	DS155NCV2-NST 15500	Chevrolet Order Code: 91D (15.5K LiquidSpring Accommodation Pkg) Volumes each side, PM located behind axle		X		
<b>REAR 4500HD 5500HD 6500HD 4x4 (15K-22.94K GVW)</b>	2019-Current	10000-13500	Dana S14-110	Reg, Crew	Min. 189" (ER2)	84, 108	n/a	Gas, Diesel	Rear	Hydraulic Only	N/A	TBD	DS135NCV4-N 13500	Chevrolet Order Code: 91C (13.5K LiquidSpring Accommodation Pkg) Volumes double stacked on driver side, PM located behind axle		X		
	2019-Current	10000-13500	Dana S14-110	Reg, Crew	Min. 189" (ER2)	84, 108	n/a	Gas, Diesel	Rear	Hydraulic Only	N/A	TBD	DS135NCV4-NST 13500	Chevrolet Order Code: 91B (13.5K LiquidSpring Accommodation Pkg) Volumes each side, PM located behind axle		X		
	2019-Current	15000-15500	Dana S16-130	Reg, Crew	Min. 189" (ER2)	84, 108	n/a	Gas, Diesel	Rear	Hydraulic Only	N/A	TBD	DS155NCV4-N 15500	Chevrolet Order Code: 91E (15.5K LiquidSpring Accommodation Pkg) Volumes double stacked on driver side, PM located behind axle		X		

**LiquidSpring Application Guide: Full Line, p/n D11534 Rev BU**

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			
															General	Ambulance	Bus	Motorhome
	2019-Current	15000-15500	Dana S16-130	Reg, Crew	Min. 189" (ER2)	84, 108	n/a	Gas, Diesel	Rear	Hydraulic Only	N/A	TBD	DS155NCV4-NST 15500	Chevrolet Order Code: 91D (15.5K LiquidSpring Accommodation Pkg) Volumes each side, PM located behind axle		X		

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

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			
															General	Ambulance	Bus	Motorhome
<b>International (Navistar) -- See next section for CBC/TSC Installations Available</b>																		
<b>TerraStar</b>																		
REAR TerraStar 4x2	2010-2015	10000-13500 (13500)	Dana	Any	n/a	84+	n/a	MaxxForce	Rear	Hydraulic Only	10K-13.5K Steel Leaf	Yes	DS135N-A 13500	Volumes double stacked LH inboard frame. PM LH below frame. Recommend code 12VYL for speed signal.	X	X	X	X
<b>CV (see next section for TSC Installations available)</b>																		
REAR CV 4x2	2019-Current	10000-13500	Dana S14-110	Reg, Crew	Min. 165"	84, 108	n/a	Gas, Diesel	Rear	Hydraulic Only	10K-13.5K Steel Leaf	Yes	DS135NCV2-S 13500	4x2 only		X		
	2019-Current	10000-13500	Dana S14-110	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		X		
	2019-Current	10000-13500	Dana S14-110	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		X		
	2019-Current	10000-13500	Dana S14-110	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		X		
	2019-Current	15000-15500	Dana 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		X		
	2019-Current	15000-15500	Dana 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		X		
	2019-Current	15000-15500	Dana 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		X		
	2019-Current	15000-15500	Dana 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		X		
	2019-Current	10000-13500	Dana 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		X		

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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			
															General	Ambulance	Bus	Motorhome
REAR CV 4x4	2019-Current	10000-13500	Dana 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		X		
	2019-Current	15000-15500	Dana 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		X		
	2019-Current	15000-15500	Dana 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		X		
	2019-Current	15000-15500	Dana 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. split along frame rails behind axle; Rear PM; Fits 35R Nexus Rebel; 30R requires custom vol. mounting				X

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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			
															General	Ambulance	Bus	Motorhome
<b>MV60H LP -- DuraStar 4300/4400 Low Profile (Taper Frame) (see next section for TSC Installations available)</b>																		
	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	DS135ND-AC 13500	Volumes double stacked LH inboard frame. PM LH below frame. Different speed signal.	X	X	X	X
	2008-Current	13500-17500 (15500)	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 14SAE, 14SAH	Yes	DS155NDLP-SC 15500	Volumes split along frame rails; Power module 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-15.5K IROS Air Ride 14TBL, 14TBM, 14TBN	Yes, Hyd. Brk only	DS155NDLP-AC 15500	Volumes split along frame rails; Power module behind axle. Different speed signal.	X	X	X	X

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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			
															General	Ambulance	Bus	Motorhome
<b>MV607 -- DuraStar 4300 Straight Rail (see next section for TSC Installations available)</b>																		
<b>REAR MV607 DuraStar 4300/4400 Straight Rail</b>	2008-Current	13500-21000 (15500)	Dana: S17-140 S19-140 17060S / D 19060S / D Meritor: MS-17-14X MS-19-14X MS-21-14X	Any	n/a	84+	n/a	Cummins	Any	Hydraulic	13.5K-20K Steel Leaf	TBD	DS155NDSR-S 15500	Volumes along side frame rail, PM inside frame on LH side. Max tire width on 8.25" rims is 255 mm, max on 7.5" rims is 295.	X		X	X
	2008-Current	13500-21000 (18500)		Any	n/a	84+	n/a	Cummins	Any	Hydraulic	13.5K-20K Steel Leaf	TBD	DS185NDSR-S 18500	Volumes along side frame rail, PM inside frame on LH side. Max tire width on 8.25" rims is 255 mm, max on 7.5" rims is 295.	X		X	X
	2008-Current	13500-21000 (20000)		Any	n/a	84+	n/a	Cummins	Any	Hydraulic	13.5K-20K Steel Leaf	TBD	DS200NDSR-S 20000	Volumes along side frame rail, PM inside frame on LH side. Max tire width on 8.25" rims is 255 mm, max on 7.5" rims is 295.	X		X	X
	2008-Current	13500-21000 (15500)		Any	n/a	84+	n/a	Cummins	Any	Hydraulic	13.5K-20K Steel Leaf	TBD	DS155NDSR-SM 15500	Special unit for Nexus motorhome using DuraStar "lite". Volumes and PM are located in rear (behind axle). Max tire width on 8.25" rims is 255 mm, max on 7.5" rims is 295.				X
	2008-Current	13500-21000 (15500)		Any	n/a	84+	n/a	Cummins	Any	Hydraulic or Air	13.5K-20K IROS Air Ride	TBD	DS155NDSR-A 15500	Volumes along side frame rail, PM inside frame on LH side.	X		X	X
	2008-Current	13500-21000 (18500)		Any	n/a	84+	n/a	Cummins	Any	Hydraulic or Air	13.5K-20K IROS Air Ride	TBD	DS185NDSR-A 18500	Volumes along side frame rail, PM inside frame on LH side. Max tire width on 8.25" rims is 255 mm, max on 7.5" rims is 295.	X		X	X
	2008-Current	13500-21000 (20000)		Any	n/a	84+	n/a	Cummins	Any	Hydraulic or Air	13.5K-20K IROS Air Ride	TBD	DS200NDSR-A 20000	Volumes along side frame rail, PM inside frame on LH side. 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.																		



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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			
															General	Ambulance	Bus	Motorhome
<b>International (Navistar) -- CBC / TSC Install (Only available at International Dealers)</b>																		
<b>CV -- TSC Install</b>																		
<b>Rear CV 4x2</b>	2019-Current	10000-13500	Dana S14-110	Reg. Crew	Min. 165"	84, 108	n/a	Gas, Diesel	Rear	Hydraulic Only	N/A	TBD	DS135NCV2-N 13500	Navistar Order Code: 0014TDR (13.5K LiquidSpring Accommodation Pkg) Volumes double stacked on driver side, PM located behind axle		X		
	2019-Current	10000-13500	Dana S14-110	Reg. Crew	Min. 165"	84, 108	n/a	Gas, Diesel	Rear	Hydraulic Only	N/A	TBD	DS135NCV2-NST 13500	Navistar Order Code: 0014TDW (13.5K LiquidSpring Accommodation Pkg) Volumes each side, PM located behind axle		X		
	2019-Current	15000-15500	Dana S16-130	Reg. Crew	Min. 165"	84, 108	n/a	Gas, Diesel	Rear	Hydraulic Only	N/A	TBD	DS155NCV2-N 15500	Navistar Order Code: 0014TDS (15.5K LiquidSpring Accommodation Pkg) Volumes double stacked on driver side, PM located behind axle		X		
	2019-Current	15000-15500	Dana S16-130	Reg. Crew	Min. 165"	84, 108	n/a	Gas, Diesel	Rear	Hydraulic Only	N/A	TBD	DS155NCV2-NST 15500	Navistar Order Code: 0014TDX (15.5K LiquidSpring Accommodation Pkg) Volumes each side, PM located behind axle		X		
<b>Rear CV 4x4</b>	2019-Current	10000-13500	Dana S14-110	Reg. Crew	Min. 165"	84, 108	n/a	Gas, Diesel	Rear	Hydraulic Only	N/A	TBD	DS135NCV4-N 13500	Navistar Order Code: 0014TDR (13.5K LiquidSpring Accommodation Pkg) Volumes double stacked on driver side, PM located behind axle		X		
	2019-Current	10000-13500	Dana S14-110	Reg. Crew	Min. 165"	84, 108	n/a	Gas, Diesel	Rear	Hydraulic Only	N/A	TBD	DS135NCV4-NST 13500	Navistar Order Code: 0014TDW (13.5K LiquidSpring Accommodation Pkg) Volumes each side, PM located behind axle		X		
	2019-Current	15000-15500	Dana S16-130	Reg. Crew	Min. 165"	84, 108	n/a	Gas, Diesel	Rear	Hydraulic Only	N/A	TBD	DS155NCV4-N 15500	Navistar Order Code: 0014TDS (15.5K LiquidSpring Accommodation Pkg) Volumes double stacked on driver side, PM located behind axle		X		
	2019-Current	15000-15500	Dana S16-130	Reg. Crew	Min. 165"	84, 108	n/a	Gas, Diesel	Rear	Hydraulic Only	N/A	TBD	DS155NCV4-NST 15500	Navistar Order Code: 0014TDX (15.5K LiquidSpring Accommodation Pkg) Volumes each side, PM located behind axle		X		

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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			
															General	Ambulance	Bus	Motorhome
<b>MV60H LP -- DuraStar 4300/4400 Low Profile (Taper Frame) -- TSC Install</b>																		
<b>REAR MV60H-LP Low Profile Tapered Frame</b>	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-N2 13500	Navistar Order Code: 0014TDR (13.5K LiquidSpring Accommodation Pkg) 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-N5 13500	Navistar Order Code: 0014TDW (13.5K LiquidSpring Accommodation Pkg) 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-N6 13500	Navistar Order Code: 0014TDW (13.5K LiquidSpring Accommodation Pkg) 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-N2 15500	Navistar Order Code: 0014TDS (15.5K LiquidSpring Accommodation Pkg) 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-N5 15500	Navistar Order Code: 0014TDX (15.5K LiquidSpring Accommodation Pkg) Volumes are split between LH and RH side, PM located behind axle, short wheelbase (Axle triggers unit change)	X	X	X	X

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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			
															General	Ambulance	Bus	Motorhome
REAR MV60H-LP Low Profile Tapered Frame	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-N6 15500	Navistar Order Code: 0014TDX (15.5K LiquidSpring Accommodation Pkg) Volumes are split between LH and RH side, PM located behind axle, long wheelbase (Axle triggers unit change)	X	X	X	X
	2019-Current	13500-17500 (13500)	Dana: S17-140 S19-140 17060S / D Meritor: MS-17-14X	Any	n/a	84+	n/a	Cummins	Any	Hydraulic or Air	N/A	Yes, Hyd. Brk only	DS135NDLP-N1 13500	Navistar Order Code: 0014TDR (13.5K LiquidSpring Accommodation Pkg) Volumes double stacked on driver side, PM located behind axle (Axle triggers unit change)	X	X	X	X
	2019-Current	13500-17500 (13500)	Dana: S17-140 S19-140 17060S / D Meritor: MS-17-14X	Any	n/a	84+	n/a	Cummins	Any	Hydraulic or Air	N/A	Yes, Hyd. Brk only	DS135NDLP-N3 13500	Navistar Order Code: 0014TDW (13.5K LiquidSpring Accommodation Pkg) Volumes are split between LH and RH side, PM located behind axle, short wheelbase (Axle triggers unit change)	X	X	X	X
	2019-Current	13500-17500 (13500)	Dana: S17-140 S19-140 17060S / D Meritor: MS-17-14X	Any	n/a	84+	n/a	Cummins	Any	Hydraulic or Air	N/A	Yes, Hyd. Brk only	DS135NDLP-N4 13500	Navistar Order Code: 0014TDW (13.5K LiquidSpring Accommodation Pkg) Volumes are split between LH and RH side, PM located behind axle, long wheelbase (Axle triggers unit change)	X	X	X	X
	2019-Current	13500-17500 (15500)	Dana: S17-140 S19-140 17060S / D Meritor: MS-17-14X	Any	n/a	84+	n/a	Cummins	Any	Hydraulic or Air	N/A	Yes, Hyd. Brk only	DS155NDLP-N1 15500	Navistar Order Code: 0014TDS (15.5K LiquidSpring Accommodation Pkg) Volumes double stacked on driver side, PM located behind axle (Axle triggers unit change)	X	X	X	X
	2019-Current	13500-17500 (15500)	Dana: S17-140 S19-140 17060S / D Meritor: MS-17-14X	Any	n/a	84+	n/a	Cummins	Any	Hydraulic or Air	N/A	Yes, Hyd. Brk only	DS155NDLP-N3 15500	Navistar Order Code: 0014TDX (15.5K LiquidSpring Accommodation Pkg) Volumes are split between LH and RH side, PM located behind axle, short wheelbase (Axle triggers unit change)	X	X	X	X
	2019-Current	13500-17500 (15500)	Dana: S17-140 S19-140 17060S / D Meritor: MS-17-14X	Any	n/a	84+	n/a	Cummins	Any	Hydraulic or Air	N/A	Yes, Hyd. Brk only	DS155NDLP-N4 15500	Navistar Order Code: 0014TDX (15.5K LiquidSpring Accommodation Pkg) Volumes are split between LH and RH side, PM located behind axle, long wheelbase (Axle triggers unit change)	X	X	X	X

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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			
															General	Ambulance	Bus	Motorhome
<b>MV607 -- DuraStar 4300 Straight Rail -- TSC Install</b>																		
REAR MV607 Straight Rail	2019-Current	13500-21000 (15500)	Dana: S17-140 S19-140 17060S / D 19060S / D Meritor: MS-17-14X MS-19-14X MS-21-14X	Any	n/a	84+	n/a	Cummins	Any	Hydraulic or Air	N/A	TBD	DS155NDSR-N 15500	Navistar Order Code: 0014TDS (15.5K LiquidSpring Accommodation Pkg) Volumes double stacked on driver side, PM located behind axle	X		X	X
	2019-Current	13500-21000 (18500)		Any	n/a	84+	n/a	Cummins	Any	Hydraulic or Air	N/A	TBD	DS185NDSR-N 18500	Navistar Order Code: N/A (18.5K LiquidSpring Accommodation Pkg) Volumes double stacked on driver side, PM located behind axle	X		X	X
	2019-Current	13500-21000 (20000)		Any	n/a	84+	n/a	Cummins	Any	Hydraulic or Air	N/A	TBD	DS200NDSR-N 20000	Navistar Order Code: N/A (20K LiquidSpring Accommodation Pkg) Volumes double stacked on driver side, PM located behind axle	X		X	X
<b>IC Bus (CE School and Commercial) -- CBC Install</b>																		
REAR CE School and Commercial Bus Straight Rai	2019-Current	13500-21000 (15500)	Dana: S17-140 S19-140 17060S / D 19060S / D Meritor: MS-17-14X MS-19-14X MS-21-14X	Any	n/a	84+	n/a	Cummins	Any	Hydraulic or Air	N/A	TBD	DS155NDSR-NB 15500	Navistar Order Code: N/A (15.5K LiquidSpring Accommodation Pkg) Volumes double stacked on driver side, PM located behind axle			X	
	2019-Current	13500-21000 (18500)		Any	n/a	84+	n/a	Cummins	Any	Hydraulic or Air	N/A	TBD	DS185NDSR-NB 18500	Navistar Order Code: 0014TEA (18.5K LiquidSpring Accommodation Pkg) Volumes double stacked on driver side, PM located behind axle			X	
	2019-Current	13500-21000 (20000)		Any	n/a	84+	n/a	Cummins	Any	Hydraulic or Air	N/A	TBD	DS200NDSR-NB 20000	Navistar Order Code: 0014TDZ (20K LiquidSpring Accommodation Pkg) 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																		

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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			
															General	Ambulance	Bus	Motorhome
<b>Ram</b>																		
<b>3500 Cab Chassis</b>																		
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		
	2014-2018	9850	n/a	Reg	168	84	n/a	Any	Mid, Rear	n/a	n/a	Yes	DS99R 9850	Must include the XXS VSIM option (included in ambulance prep)	X	X		
<b>4500 Cab Chassis</b>																		
FRONT 4500 Cab Chassis	2014-Current	7000	n/a	Reg, Reg, Reg, CC	169 193 205 197	84 108 120 84	n/a	Any	Rear	n/a	n/a	No	FS70RA 7000 (FS70RAC)	Front Suspension (requires Rear DS135RS2A/RS3A kit) FS70RAC includes FS70RA and conversion kits for existing vehicles with DS135RS2A/RS3A installed.	X	X		
	2014-Current	7000	n/a	Reg, Reg, Reg, CC	169 193 205 197	84 108 120 84	n/a	Any	Rear	n/a	n/a	No	FS70RF 7000 (FS70RFC)	Front Suspension (requires Rear DS135RS2AF or DS135RS3/AF/AF60 kit) FS70RFC includes FS70RF and conversion kits for existing vehicles with DS135RS2AF/RS3AF installed.	X	X		
REAR 4500 Cab Chassis	2019-Current	12000	n/a	Reg, Reg, Reg, CC	169 193 205 197	84 108 120 84	n/a	Any	Rear	n/a	n/a	Yes	DS135RS3A 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		
	2019-Current	12000	n/a	Reg, Reg, Reg, CC	169 193 205 197	84 108 120 84	n/a	Any	Mid, Rear	n/a	n/a	Yes	DS135RS3AF 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		
	2019-Current	12000	n/a	Any	145+	60"+	n/a	Any	Rear Only	n/a	n/a	Yes	DS135RS3AF60 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		

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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			
															General	Ambulance	Bus	Motorhome
<b>5500 Cab Chassis</b>																		
<b>FRONT 5500 Cab Chassis</b>	2014-Current	7000	n/a	Reg, Reg, Reg, CC	169 193 205 197	84 108 120 84	n/a	Any	Rear	n/a	n/a	No	FS70RA 7000 (FS70RAC)	Front Suspension (requires Rear DS135RS2A/RS3A kit) FS70RAC includes FS70RA and conversion kits for existing vehicles with DS135RS2A/RS3A 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	Rear	n/a	n/a	No	FS70RF 7000 (FS70RFC)	Front Suspension (requires Rear DS135RS2AF or DS135RS3/AF/AF60 kit) FS70RFC includes FS70RF and conversion kits for existing vehicles with DS135RS2AF/RS3AF installed.	X	X	X	X
	2014-Current	7250	n/a	Reg, Reg, Reg, CC	169 193 205 197	84 108 120 84	n/a	Any	Rear	n/a	n/a	No	FS73R 7250	High Capacity Front Suspension (requires Rear DS135RS2/A/AF/-DM kit or DS135RS3/A/AF/-DM kit)	X	X	X	X
<b>REAR 5500 Cab Chassis</b>	2019-Current	13500	n/a	Reg, Reg, Reg, CC	169 193 205 197	84 108 120 84	n/a	Any	Rear	n/a	n/a	Yes	DS135RS3A 13500	Must include the XXS VSIM option (included in ambulance prep). Volumes double stacked inside of frame rails, LH side.	X	X	X	X
	2019-Current	13500	n/a	Reg, Reg, Reg, CC	169 193 205 197	84 108 120 84	n/a	Any	Mid, Rear	n/a	n/a	Yes	DS135RS3AF 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
	2019-Current	13500	n/a	Reg, Reg, Reg, CC	169 193 205 197	84 108 120 84	n/a	Any	Mid, Rear	n/a	n/a	Yes	DS135RS3-DM 13500	Must include the XXS VSIM option (included in ambulance prep). Volumes outside frame rails, each side, mounted behind fuel tank. Higher ride height.			X	X
	2019-Current	13500	n/a	Reg, Reg, Reg, CC	169 193 205 173	84 108 120 60	n/a	Any	Rear	n/a	n/a	Yes	DS135RS3-BT 13500	Must include the XXS VSIM option (included in ambulance prep). Volumes double stacked inside of frame rails, LH side. Higher ride height.	X			
	2019-Current	13500	n/a	Any	145+	60"+	n/a	Any	Rear Only	n/a	n/a	Yes	DS135RS3AF60 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		

Revision	Date	By	ECR	Comment
K	11/22/2019	JDB	EC0982	Added DS99RS3
L	1/15/2020	AFR	EC1025	Added DS175FRC-S
M	-	-	-	Rev was jumped
N	2/5/2020	AEG	EC1018	Added DS105GM2
P	2/27/2020	JDB	EC1037	Added comment to DS135RS3AF about exhaust swap for 22 gallon diesel midship tank
R	3/2/2020	JDB	EC1055	Added split tank kits for Navistar Mod Center
T	3/12/2020	BKC	EC1042	Added max tire width comments to Durastar 4300 straight rail units
V	4/3/2020	JDB	EC1064	Added DS96FS2-ASF
W	4/6/2020	JDB	EC1075	Updated unit designation for DS135-155NDLP-N/-N130 to -N1/-N2
Y	4/17/2020	AFR	EC1079	Added DS155F650SR-SHB
AA	5/11/2020	RBC	EC1088	Added DS96FS3
AB	5/21/2020	RBC	EC1094	Added DS96FS3-CLF
AC	6/4/2020	RBC	EC1097	Added DS85FS3 & DS85FS3-BA
AD	6/4/2020	AFR	EC1045	Added DS175F53S3-252
AE	6/5/2020	AFR	EC1098	Added DS150FRC-S, Removed DS150FRC-SB/-SBX
AF	6/15/2020	RBC	EC1101	Added DS85FS3M, DS96FS3M, DS96FS3-BA
AG	7/1/2020	RBC	EC1108	Added 4x4 CV units to CBC/TSC Installs
AH	7/7/2020	BKC	EC1006	Added lighting interface codes for Freightliner units
AJ	7/10/2020	AFR	EC1111	Removed DS150FR-AR/-AREP
AK	7/23/2020	AFR	EC1121	Added DS135RS3-BT
AL	7/30/2020	AEG	EC1124	Added DS105GM2F
AM	8/28/2020	RBC	EC1101	Updated notes for DS85FS3M & DS96FS3M for NO valves
AN	9/21/2020	AFR	EC1143	Added DS175F53S3
AP	9/23/2020	AEG	EC1142	Added Front FS50F
AR	9/30/2020	DLN	EC1153	Fixed formatting
AT	10/14/2020	BKC	EC1162	Added DS147F53-CNG
AU	10/20/2020	BKC	EC1167	Changed WB on DS105GM2/F to from 162 to 171 and CA from 84 to 84.5
AV	11/17/2020	JDB	EC1122	Revmoed DS135ND-A, DS135ND-S, DS135ND-A130, DS135ND-S130, DS155NDLP-A, DS155NDLP-S
AW	12/8/2020	JDB	EC1182	Added DS96FS3-ASF
AY	2/25/2021	RBC	EC1205	Added DS147F53-L2DS/-L2SS/-L4DS/-L4SS
BA	3/2/2021	DLN	EC1213	Obsoleted DS96GM2, DS96GM3. Added DS96GM4.
BB	3/11/2020	AFR	EC1208	Obsoleted DS150F53, added DS150F53S2 & DS150F53S3
BC	3/15/2021	JDB	EC1147	Added FS90F2
BD	3/17/2021	BKC	EC1228	Removed DS135F650-A & DS135F650-S
BE	3/18/2021	JDB	EC1096	Added FS90F3
BF	3/18/2021	AFR	EC1227	Obsoleted DS175F53 & DS175DCP-252. Added DS175F53S2
BG	3/30/2021	RBC	EC1236	Removed DS147F53-L2DS/-L2SS/-L4DS/-L4SS from list
BH	4/26/2021	AFR	EC1229	Added DS120F53S2. Obsoleted DS120F53.
BJ	5/17/2021	JDB	EC1201	Updated comments for DS155NDLP-AC
BK	5/27/2021	JDB	EC1286	Added sway bar kit p/n to the 2019 front F53
BL	6/11/2021	JDB	EC1287	Corrected chevy and navistar option codes; Added new table section for GM TSC installs
BM	6/21/2021	AEG	EC1281	Added DS135RS3AF60 for 60"CA units for Ram 4500 and Ram 5500 chassis
BN	6/24/2021	JDB	EC1299	Added the front F53 7k-8k 2019 and older and 2020 and newer
BP	7/9/2021	RBC	EC1305	Added DS155NCV4-SM to CV and MD Silverado
BR	7/9/2021	AFR	EC1302	Added DS150FRC-A23 to Freightliner Custom Chassis
BT	8/19/2021	JDB	EC1323	Updated DS155NDLP-SC volume location and PM location; Removed On Spot avail and replaced with Snow Chain avail.
BU	10/13/2021	BKC	EC1343	Obsoleted units DS135N-AF, DS135N-AA, DS135NT4, DS99R12, DS135RS2A, DS135RS2AF, DS135RS2A-LA, & DS135RS2-DM,