



Instructions, 500W Power Module

This document provides additional instructions pertaining to the use of the LiquidSpring 500W Power Module.

Refer to Installation Manual and/or Power Module Mount Instructions for installation of the LiquidSpring 500W Power Module.

The LiquidSpring 500W Power Module features an integrated Desiccant Power Breather, which prevents moisture entering the reservoir.

For proper operation, the breather system must be assembled and maintained as listed below.

Breather Tube Attachment

Note: To avoid contaminating the breather, install power module on the vehicle prior to attaching the breather hose.

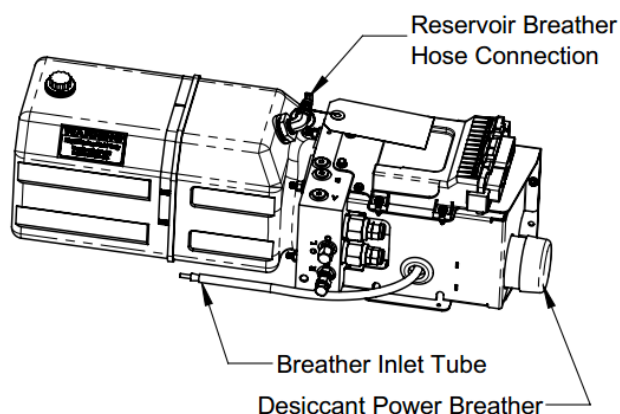


Figure 1. Breather tube connections.

1. Locate the Reservoir Breather Hose Connection.
2. Remove the tag.

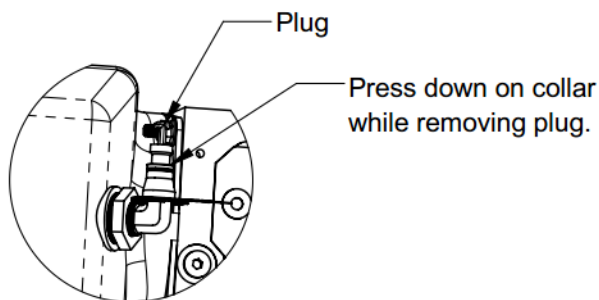


Figure 2. Reservoir Hose Connection.

3. Remove the plug by pressing down on the fitting collar while twisting the plug to remove. If the plug resists removal, release the collar and press the plug fully in. Then repeat pressing down the collar while twisting the plug to remove.
4. Locate the Breather Inlet Tube.
5. Remove the plug from the end of the tube.

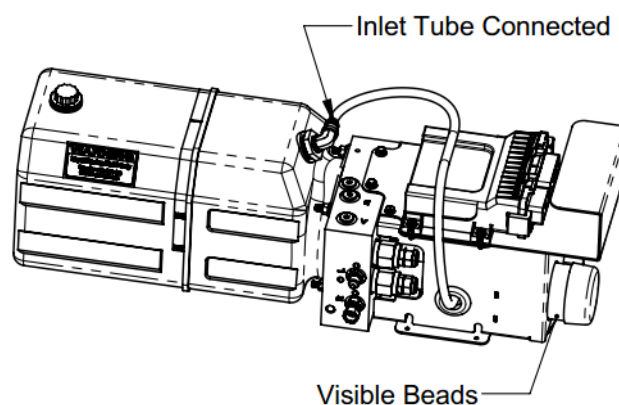


Figure 3. Example of Hose Routing

6. Route the inlet tube and insert, fully, into the Reservoir Breather Hose Connection fitting. Note: Hose routing varies based on fitting orientation. Route hose away from mounting brackets and -4 hydraulic hoses. The 90° Fitting in the reservoir may need to rotate slightly to route the hose away from mounts.

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Breather Maintenance

Media beads are visible between the grey cap and the power module enclosure. When the media turns bright pink, it is recommended to change the Desiccant Power Breather.

A color-change guideline is shown on the unit label.



Figure 4. New Desiccant Power Breather



Figure 5. Used Breather

Breather Replacement

1. Remove used breather by unscrewing counterclockwise.
2. Obtain replacement Desiccant Power Breather, LiquidSpring P/N 11789-001.
3. Remove rubber plugs and center tube plug prior to installation.
4. Install the replacement breather by threading on clockwise until tight.

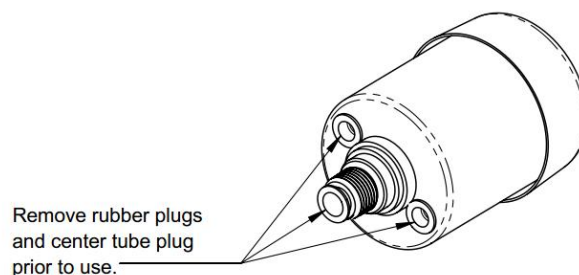


Figure 6. Plugs on new breather