

How to Bleed Hydraulic Lines on a KTI Pump for a Trailer

If you own a trailer equipped with a hydraulic system powered by a KTI pump, it's crucial to keep the hydraulic lines free from air bubbles to ensure optimal performance and longevity. Bleeding the hydraulic lines is a routine maintenance task that can easily be performed by following a few simple steps. In this guide, we will provide you with clear and concise instructions on how to bleed the hydraulic lines on a KTI pump for a trailer, allowing you to maintain a reliable and efficient hydraulic system.

Before You Begin

Before starting the bleeding process, gather the following tools and materials:

KTI Pump Manual: Familiarize yourself with the specific guidelines provided by the manufacturer for bleeding the hydraulic lines. The manual will contain valuable information about the process, safety precautions, and specific recommendations for your KTI pump model.

Personal Protective Equipment (PPE): Wear safety goggles and gloves to protect yourself from hydraulic fluid.

Hydraulic Fluid: Ensure that you have the correct type and grade of hydraulic fluid recommended by KTI for your trailer's pump.

Bleed Cycle Instruction Sheet:

1) Remove the breather cap with dip stick, so you may view the hydraulic fluid while operating the Hydraulic Power Unit.

a) Press the up button on the hand held remote pendant, to run the trailer bed up 1/3 of the way up. While running the bed up view the hydraulic fluid through the breather cap opening, you may see the fluid returning into the tank. If you see any air pockets or aeration of the fluid, please stop and allow the fluid to settle and continue to raise 1/3 of the way up.

b) Once you reach 1/3 of the way up, press the down button to return the trailer bed or deck to it fully seated position (down).

Please insure that the fluid level does not drop below the half full level of the reservoir while running the power unit.

2) Press the up button on the hand held remote pendant, to run the trailer bed up 2/3 of the way up.

a) While running the bed up view the hydraulic fluid through the breather cap opening, you may see the fluid returning into the tank. If you see any air pockets or aeration of the fluid, please stop and allow the fluid to settle and continue to raise 2/3 of the way up.

b) Once you reach 2/3 of the way up, press the down button to return the trailer bed or deck to it fully seated position (down).

Please insure that the fluid level does not drop below the half full level of the reservoir while running the power unit.

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3) Press the up button on the hand held remote pendant, to run the trailer bed up to the end of the stroke.

a) While running the bed up view the hydraulic fluid through the breather cap opening, you may see the fluid returning into the tank. If you see any air pockets or aeration of the fluid, please stop and allow the fluid to settle, and then continue to raise the bed to the end of the stroke.

b) Once you reach the full up position, press the down button to return the trailer bed or deck to its fully seated position (down).

**Please insure that the fluid level does not drop below the half full level of the reservoir while running the power unit.*

**You may have to repeat these 3 steps more than once to completely purge all of the air out of the system.*

Bleeding the hydraulic lines on a KTI pump for your trailer is a straightforward maintenance task that should be done regularly to maintain a reliable and efficient hydraulic system. By following the step-by-step guide and referring to your KTI pump manual, you can confidently bleed the hydraulic lines, ensuring your trailer's hydraulic system functions optimally. Remember to prioritize safety at all times and seek professional assistance if you encounter any challenges during the process. Regularly bleeding the hydraulic lines will extend the life of your KTI pump and contribute to trouble-free trailer operations.