

13224 FOUNTAINHEAD PLAZA
HAGERSTOWN, MD 21742
1-800-926-9666
www.jerr-dan.com

June 27, 2019

Jerr-Dan Product Owner
Company Name
Address
City, State, Postal Code

RE: Adjustable Performance Counterweight (APC), Part Number 1001210345,
1001210345S, or 1001210346S

Subject: Replacement of Mounting Hardware

According to our records, your company purchased an Adjustable Performance Counterweight (APC) with one of the above referenced part numbers from Jerr-Dan.

Jerr-Dan has designed a mounting hardware enhancement that needs to be incorporated into the mounting of your APC. The mounting hardware has been changed to a grade 8 bolt and the addition of Nord-lock washers. This new hardware will ensure the durability and longevity of the APC mounting hardware.

Resolution:

Please contact your Jerr-Dan Dealer as soon as possible to arrange a service date. You will need to share the attached rework procedure so that the dealer may order the necessary parts for the repair and understand the scope of work required.

Warranty:

Only a Jerr-Dan distributor can be directly reimbursed for any cost associated with the completion of this upgrade. Jerr-Dan will pay one and half (1.5) hours labor to complete the upgrade on each unit.

Should you have any questions or concerns, please contact Jerr-Dan Customer Support.

Jerr-Dan Customer Support
13224 Fountain Head Plaza
Hagerstown, MD 21742-2678
Phone (800) 926-9666
Fax: (301) 745-5375
Email: customersupport@JerrDan.com
www.JerrDan.com

Please feel free to contact Jerr-Dan Corporation for any further questions.

Sincerely,

Jerr-Dan Corporation

PROCEDURE: Adjustable Performance Counterweight (APC) Mounting Hardware Replacement

Tools and Equipment Required:

- Standard mechanic tools
- Loctite, 243 (Red)
- Torque wrench, capable of 770 ft lb.
- Adjustable Performance Counterweight Installation Manual, Revision B, March 21, 2019, Part number 5376000184 – Available at Jerr-Dan Online Express.

Personnel Required:

- Qualified equipment mechanic

Parts/Material Required:

Kenworth T880

Mounting Adapter replacement hardware:

- P/N 0682624, hex head cap screw 1-8 X 3 long – Qty 2
- P/N 0682632, hex head cap screw 1-8 X 4 long – Qty 2
- P/N 1001253788, Nord-lock Wedge Washer, 1 inch – Qty 4
- P/N 1001209638, Tow Hitch Adapter Weldment – Qty 2
- P/N 1001210455, 1-inch shoulder bolt, 3/4- 10, 2 1/2 long - Qty 2
- P/N 7660222601, Nyloc nut, 3/4 inch - Qty 2
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Peterbilt 567

Mounting Adapter replacement hardware:

- P/N 0682624, hex head cap screw 1-8 X 3 long – Qty 2
- P/N 0682632, hex head cap screw 1-8 X 4 long – Qty 2
- P/N 1001253788, Nord-lock Wedge Washer, 1 inch – Qty 4
- P/N 1001209623, Tow Hitch Adapter Weldment – Qty 2
- P/N 1001210455, 1-inch shoulder bolt, 3/4- 10, 2 1/2 long - Qty 2
- P/N 7660222601, Nyloc nut, 3/4 inch - Qty 2

CAUTION: USE ALL APPLICABLE SAFETY PRECAUTIONS WHILE WORKING ON, UNDER, OR AROUND ANY MACHINERY.

Procedure:

1. Position the truck on a firm level surface, level machine, ensure that wrecker boom and under lift are in the stowed positions.
2. Properly chock the wheels of the truck.

3. Place a "Do No Operate" Tag on the steering wheel and remove the ignition key.
4. Lower the counterweight to the horizontal position.
5. Properly support the counterweight.
6. Remove any weights as necessary to access the mounting hardware.
7. On the passenger side, remove the four bolts holding the valve and pump assembly as shown in Figure #1.
8. Loosen the steel line clamp to allow the movement of the valve and pump.

IMPORTANT: Do Not disconnect the hydraulic lines.

9. Move the valve and pump away from mounting plate to allow access to the adapter pin mounting hardware. Support pump and valve to prevent bending hydraulic tubing.

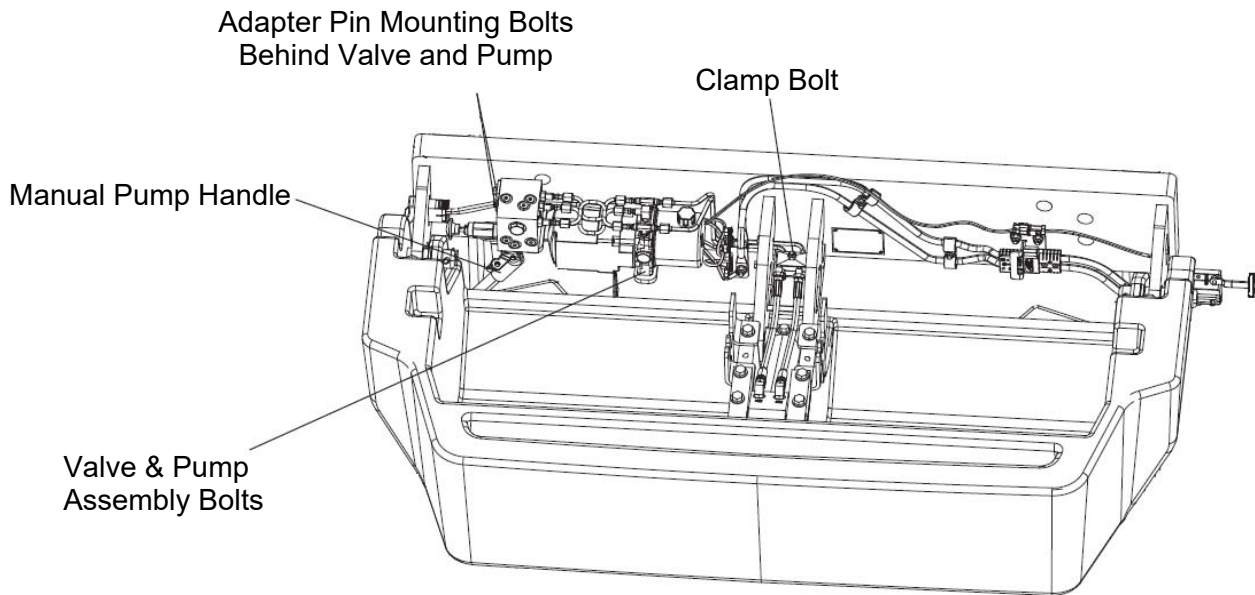


Figure #1

10. Remove the passenger side mounting bolts from the mounting pins. Do not remove the mounting pins from the truck chassis. If the hardware cannot be removed then the mounting pins will need replaced. If the hardware **CAN BE** removed proceed to step #11.

ONLY AS NECESSARY: If the mounting bolts cannot be removed from the mounting pins then the pins and hardware will need replaced.

- a. Properly support the counterweight with suitable lifting means.
- b. Remove the nyloc nuts and the shoulder bolts that are retaining the mounting pins.
- c. Remove the APC and mounting pins from the truck chassis.
- d. Remove the mounting hardware from the mounting plate and from the mounting pins. Heating of the mounting hardware may be necessary.
- e. Utilize the replacement mounting pins and follow steps #11 through #13 to install new mounting pins.

IMPORTANT:

Do not torque the driver side mounting pin hardware until the counterweight pins are reinstalled into the truck chassis. Ensure to torque adapter mounting pin bolts to 760 – 770 ft-lbs.

- f. When installing mounting pins to the truck chassis, utilize new shoulder bolts (#1001210455) and nyloc nuts (# 7660222601) supplied with kit and torque to 230 ft-lbs.
11. Using the Nord-Lock washers (# 1001253788) and bolts supplied with the kit, apply red Loctite 243 to the entire length of threads of the 1-inch X 3-inch (#0682624) and 1-inch X 4-inch (#0682632) bolts.

IMPORTANT: Insure the 4-inch-long bolt is used on top and the 3-inch-bolt is used on the bottom, Reference Figure #2.

12. Torque the mounting bolts to 760 – 770 ft-lbs.

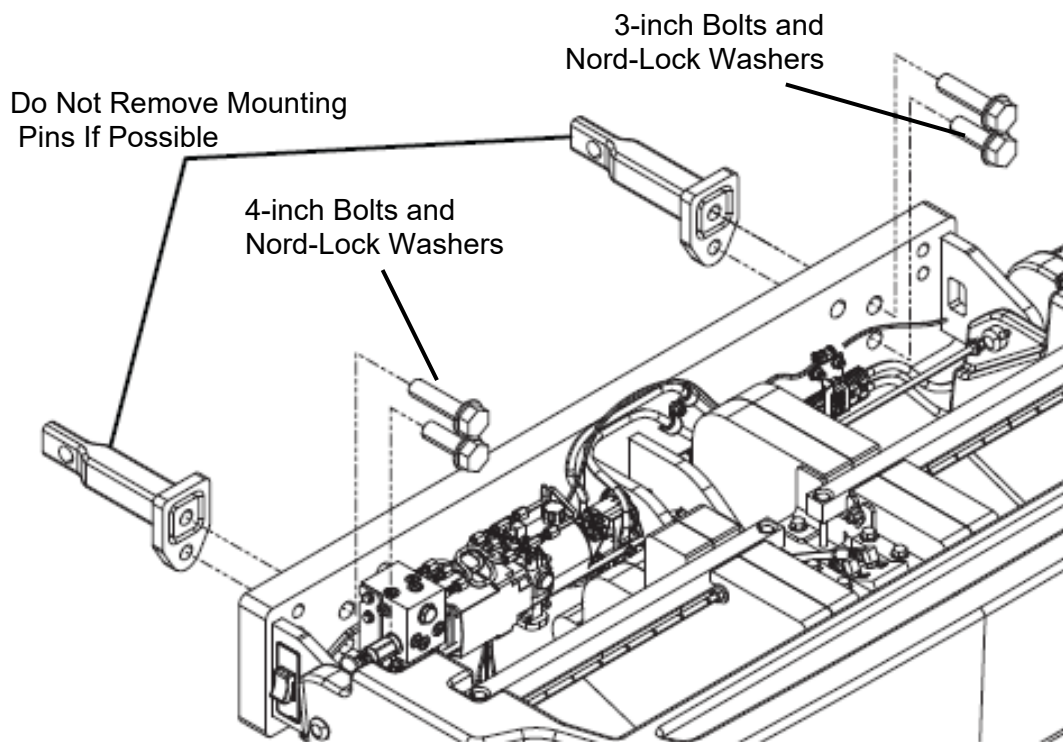


Figure #2

13. Repeat steps #10 through #12 for the driver side mounting hardware.
14. On the passenger side, reinstall pump and valve in reverse order and tighten line clamp.
15. Reinstall any removed weights from step #6.
16. Raise the counterweight to the vertical position.
17. The machine may be returned to service once proper operation is confirmed.