

DIRECT DODGE REPLACEMENT PUMP INSTALLATION INSTRUCTIONS

The FASS's DDRP 04 series is a complete replacement for the stock lift pump (2003 – 2004 Dodge)
Will not work with retrofitted in tank pumps

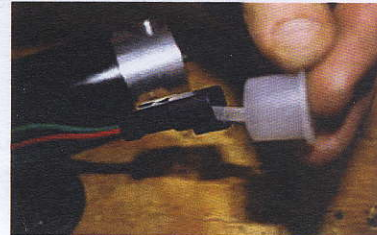
Note: Banjo Bolt Mesh Screen is contained in the covered wire connector.

Included with DDRP:

- **DDRP**
- **MC-990, Banjo Bolt Mesh Screen**
- **Frame Bracket**
- **3 Frame Bolts/Self Tappers**
- **3 Mounting Bolts**
- **3' of 3/8" Fuel Line**
- **2 Banjo Fittings**
- **2 Banjo Bolts**
- **4 Banjo washers**
- **Quick Disconnect**
- **Hose Clamp**
- **Fuel Pump Plate**
- **Fuel Pump Plate Fitting**
- **90° Fuel Line Fitting**
- **Wire Extension**

Needed:

- Angle Drill and Drill Bits
- Air Ratchet & Sockets
- Metric Wrenches
- Allen wrenches or sockets
- Razor Knife



Refer to photo below for steps
2, 3 & 4. ↓

2. Checking for clearance locate the Frame Bracket with the DDRP attached between the driver's side frame rail and starter. While holding this assembly in place mark the 3 mounting holes to the frame.
3. Drill 3 pilot holes at the locations marked in the previous set for the Frame Bolts.
4. Using an air ratchet screw the Frame Bolts into the pilot holes with the Frame Bracket in place.
5. Spray WD-40 on the push lock portion of the banjo fitting and on the inside diameter of the fuel line before inserting the push lock into the fuel line. Assemble this banjo fitting to the outlet port of the DDRP using the banjo bolt and 2 washers.



Note: Before next step spray some WD-40 into the inlet port of the pump (or comparable), to help prevent gear wear while priming.

6. Assemble the previously assembled fuel line to the outlet port of the DDRP using a banjo bolt and 2 banjo washers, one on each side of the banjo fitting. Tighten the banjo bolts with the fuel line aiming up and to the rear of the truck just clearing the mounting plate.



7. Using the 3 mounting bolts secure the DDRP to the Frame Bracket.



8. Attached to the back side of the fuel filter is the factory fuel pump. Unplug the factory fuel pumps wire connection and remove the 4 allen head socket bolts. Now remove fuel pump from filter housing. **Note:** There should be an o'ring located in the inlet port of the fuel filter when the fuel pump was removed. If not inspect the factory fuel pump where the outlet port of the fuel pump seals to the inlet of the fuel filter, if located here insert into inlet port of fuel filter.



9. Install the Fuel Pump Plate Fitting into the Filter Plate.



10. Apply oil to the outlet port of the Filter Plate, this is the part that enters into the inlet port of the filter. Carefully insert Filter Plate into the inlet port of the filter housing. Secure the Filter Plate using 2 of the 4 allen head bolts which held the factory fuel pump in place.



11. Now route the fuel line from the outlet port of the DDRP to Fuel Pump Plate Fitting and cut taking into account that the 90° Fuel Line Fitting will attach to this fitting.



12. Using the same procedures as in step 5 insert the 90° Fuel Line Fitting into the opposite end of the fuel line attached to the outlet port of the DDRP. Now secure this fitting to the Fuel Pump Plate Fitting.



13. Remove the factory feed line to the factory fuel pump.

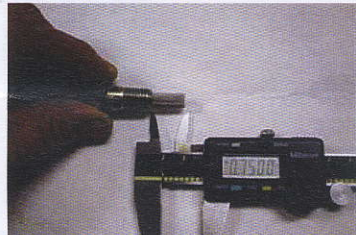


14. With intentions to measure and cut the remaining fuel line route it from the inlet of the DDRP to the steel feed line addressed in the previous step. Cut to proper length and install banjo fitting in one end (remember procedures covered in step 5) and install the Quick Disconnect in the other end securing it with a hose clamp.



Review Before Completing Next Step.

Very Critical - only insert the screen ¼" into the banjo bolt, leaving about ¾" of an inch exposed



15. Assemble the previously assembled fuel line to the inlet port of the DDRP using a banjo bolt and 2 banjo washers, one on each side of the banjo fitting. Tighten the banjo bolts with the fuel line aiming up and to the rear of the truck just clearing the mounting plate.



16. Connect the Quick Disconnect Fitting to the steel factory fuel line disconnected covered in step 12.



17. After everything is good and tight you can now plug the DDRP into your factory wiring harness using the Wire Extension.

To insure our extended 4 year warranty be sure to send completed warranty information in to Diesel Performance Products, Inc. 16240 Hwy o Suite B Marthasville, MO. 63357, with a copy of your receipt.