

# High Flow Banjo Bolt 7.3L



Page 1 of 2

**IMPORTANT:** Before starting installation, please be sure that all items which were supplied with the kit are accounted for.

## Parts Required:

[Riffraff Diesel High Flow Banjo Bolt- 7.3L](#)

## Recommended Tools:

Standard Metric and SAE wrenches and sockets.



## Instructions:

- 1) Disconnect the ground cables from each battery to prevent inadvertent electrical shock or hazard.
- 2) The drivers side Banjo Bolts are installed on the forward side of the head. You will need to loosen the alternator mount bracket to gain access to the bolts.
- 3) Using a ½" ratchet or breaker bar, release tension from the tensioner pulley by inserting the ½" drive tool into the square drive access. Apply a counterclockwise force to release tension. Some trucks have a tension lock clip below the tensioner to hold it in the "released tension" position. Slide the belt off of the alternator and power steering pump pulley's. (Fig 1)
- 4) Remove the (4) bolts holding the Alternator/Power Steering Pump bracket onto the engine using a 13mm. (You do not need to remove the alternator or pump) (Fig 2)
- 5) Shift the bracket forward from the engine to access the driver side Banjo Bolt in the head. You may want to use a bungee cord to hold it forward.
- 6) Clean any debris from around the banjo bolt to prevent entry into the fuel system.
- 7) Remove the drivers side Banjo Bolt using a ¼" drive ratchet. The bolt has a square drive recess to insert the ratchet into. (The recess is not fully deep enough to completely engage the ratchet into, so apply pressure while loosening to prevent the drive from slipping out of the recess) (Fig 3)



Fig 1



Fig 2



Fig 3

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Page 2 of 2

- 7) Insert the Riffraff Diesel High Flow Banjo Bolt into the bore and tighten to 12-15 ft-lb using a 10mm. (Fig 4)
- 8) Relocate the Alternator/Pump bracket back into position and reinstall the (4) bolts and tighten to 35 ft-lb using a 13 mm.
- 9) Place the serpentine belt onto the Power Steering Pump and Alternator pulley's. Once the belt is aligned, release the ratchet/breaker bar to apply tension to the belt through the tensioner pulley.
- 10) The passenger side head Banjo Bolts are installed on the aft side of the head. It is easiest to access this from under the truck. Follow the turbo downpipe up to the head and you will see the Banjo Bolt. (Fig 5)
- 11) Clean any debris from around the banjo bolt to prevent entry into the fuel system.
- 12) Using a ¼" drive ratchet, remove the Banjo Bolt.
- 13) Install the Riffraff Diesel High Flow Banjo Bolt into the bore and tighten to 12-15 ft-lbs using a 10mm. (Fig 6)
- 14) Reinstall the ground cables onto the batteries and turn the ignition on to pressurize the fuel system. Verify no leakage and enjoy better fuel flow.



Fig 4



Fig 5



Fig 6

Pictures and Instructions provided by Ken (Woodnthings) on FTE.

## Disclaimer of Warranties and Liabilities

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