

2008-2010 FORD 6.4L POWERSTROKE ALUMINUM DEGAS TANK PARTS LIST & INSTALLATION GUIDE



PARTS INCLUDED

- 1PC Aluminum Expansion Tank w/ Sight Tube
- 1PC Lower Coolant Hose
- 1PC Cover Plate
- 1PC 5mm Thick Steel Bracket
- 1PC Pre-installed 1/8" NPT Plug
- 2PC Worm Gear Clamps
Mounting Hardware

TOOLS NEEDED

- 7mm Socket
- 8mm Socket
- 10mm Socket
- 13mm Socket
- 19mm Socket
- 3/8" Drive Ratchet
- Pick Tool
- Pliers
- 5mm Allen Key
- Angle Grinder
- 3/8" Drill Bit
- Funnel

INSTALL TIME 2 1/2 Hours

INSTALL DIFFICULTY

DISCLAIMER

- Allow vehicle to cool completely prior to attempting installation.
- Do not run the engine or drive the vehicle while overheating; serious damage can occur.
- Please dispose of any liquids properly.
- Mishimoto is not responsible for any vehicle damage or personal injury due to installation errors, misuse, or removal of Mishimoto products.
- Mishimoto suggests that a trained professional install all Mishimoto products.

INSTALL PROCEDURE

1. Release the petcock on the bottom of the radiator. You will want to have a bucket ready underneath to catch the coolant as it comes out. Unscrew the expansion tank cap to expedite the draining process.



2. Remove the battery from the vehicle. (2x 8mm nuts, 1x 8mm bolt)
3. Compress the clamp that secures the coolant hose to the reservoir tank and slide the clamp down the hose. Separate the coolant hose from the reservoir tank. (1x spring clamp)



4. Pull out the clip that secures the upper radiator hose to the radiator. Slide the upper radiator hose off the radiator. You need to move the hose out of the way so you can successfully lift the battery tray. (1x spring clip)

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5. Pull off the vacuum lines clipped to the reservoir tank.



6. Disconnect the return hose from the bottom of the reservoir tank. (1x spring clip)
7. Remove the bolts that secure the battery box and reservoir tank retainer. (4x 13mm bolts)
8. Lift the battery tray and expansion tank. Undo the vacuum line from the bottom of the retainer. Now remove the retainer.



9. Compress the clamp that secures the return hose to the side of the engine and slide the clamp down the hose. Then separate the return hose from the side of the engine. (1x spring clamp)



10. Compare the stock and Mishimoto hoses for proper orientation.



11. Install the Mishimoto hose to the side of the engine. (1x worm gear clamp)
12. Cut where the battery box meets the reservoir tank. You will need to cut away at the bottom supports to separate the two pieces.



13. Sand the edges where you made your cut.
14. Position the provided paneling within the battery box and mark the three holes.

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15. Using the three markings, drill holes through the battery box. (3/8" drill bit and drill)



16. Align the paneling with the three holes recently drilled. Secure the Mishimoto expansion tank to the battery box using the provided hardware. (3x 5mm Allen head bolts)



17. Install the included bracket to the expansion tank. (2x 5mm Allen bolts)



18. Reinstall the battery box with the expansion tank. (4x 13mm bolts)
19. Install the return hose to the expansion tank's bottom port. (1x worm gear clamp)
20. Reconnect the upper radiator hose to the radiator. Secure it with the original clip. (1x spring clip)
21. Install the coolant hose to the top of the expansion tank. Use the clamp on the hose to secure the connection. (1x spring clamp)
22. Reinstall the battery. (2x 8mm nuts, 1x 8mm bolt)
23. Refill the cooling system. Seal it with the cap.

Congratulations! You have finished installing the Mishimoto 2008-2010 Ford 6.4L Powerstroke Aluminum Degas Tank.