

Indmar Products

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SERVICE PROCEDURE

Date: 5/30/14

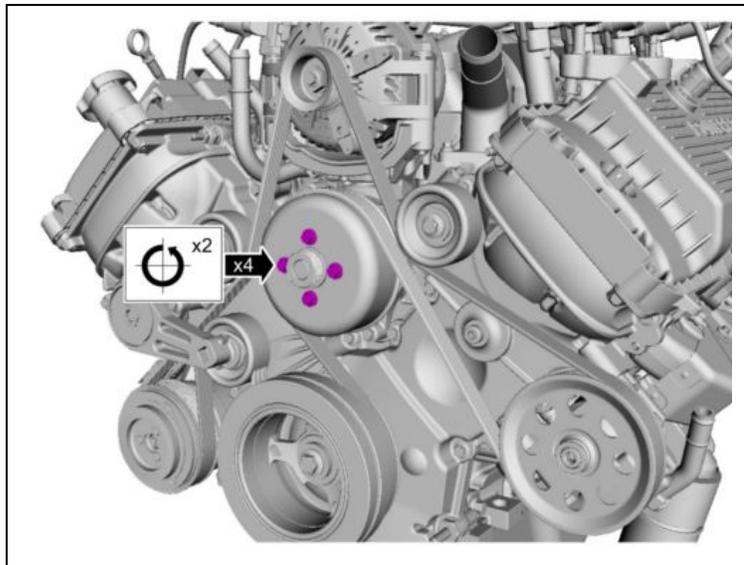
Alert: SP2015-5

Subject: 6.2L Indmar/Ford Circulating Pump Replacement

Parts/Supplies Needed

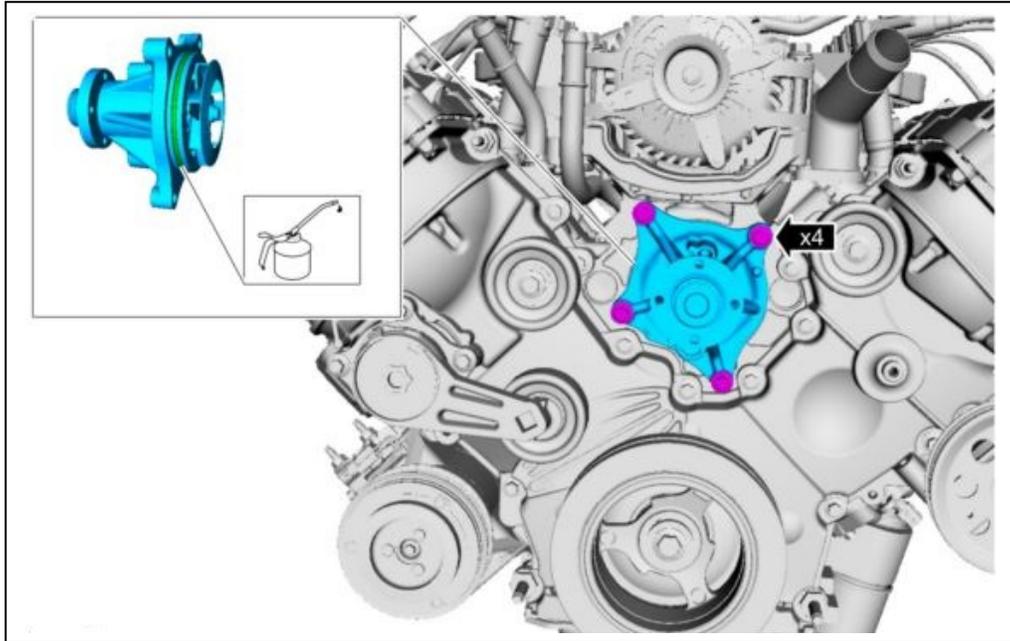
P/N 594215 Water Circulating Pump
Propylene Glycol Coolant As Required
Motor Oil To Lube Seal As Required

1. Drain the coolant from the closed cooling system. Refer to SA2015-4 for procedures.
2. Loosen (2 turns) the 4 screws that hold the smooth water pump driver pulley to the circulating pump.



3. Release the tension from the serpentine belt. Refer to SA2015-2 for procedures.
4. Remove the 4 screws and the circulating pump driver from the circulating pump.
5. Remove the 4 screws that hold the circulating pump to the engine block.
6. Remove the circulating pump from the engine block. Retain if the pump is being replaced under warranty. Scrap the pump if the replacement is out of warranty.
7. Lubricate the seal of the new pump with motor oil. Make sure the sealing surface in the engine block is clean and free of debris or burrs that could damage the seal.

8. Install the new circulating pump making sure the bolt holes in the pump align with the bolt holes in the engine block. If the holes do not align, do not rotate the pump. Remove the pump and reinstall with the holes aligned.



9. With the pump installed and the holes aligned, install the 4 screws finger tight. Tighten the screws in a criss-cross pattern to 177 lb-in (20 Nm) Using an angle torque gauge, tighten the screws an additional 45 degrees.
10. Reinstall the smooth circulating pump driver and tighten the screws finger tight.
11. Reinstall the serpentine belt. Refer to SA2015-2 for procedures.
12. Torque the 4 circulating pump driver screws in a criss-cross pattern to 18 lb-ft (25 Nm).
13. Refill the cooling system with propylene glycol coolant. Refer to SA1015-4 for procedures.