



FMK240SD508-8
2017-2019 Ford F250-550 Super Duty
6.8L V10 Gas / Triton 3 Valve
W-W/O AC, Requires 8 Groove Clutch

INSTALLATION NOTES

1. Disconnect negative battery cable. Drain the cooling system completely. Remove the fan and the fan shroud. (It is not necessary to remove the upper radiator hose, but it does make it easier to remove the fan shroud.)
2. Install the drive pulley with 3-10mm x 55mm flange bolts.
3. Disconnect the hoses from the radiator reservoir and remove the (3) bolts holding it in place. Install the main reservoir bracket with two 8mm x 12mm flange bolts. Install the reservoir brace over the ground wire located on the fender. Do not tighten at this time. Install the reservoir onto the main bracket as shown in the picture. Attach it to the brace on the fender with an OEM bolt and 8mm flange nut included in the kit. Install the 1" hose extension with clamps provided. The quick disconnect will need to have the plastic hose clamp removed in order to rotate the hose as shown. Replace the 3/8 hose with the one included in the kit and secure it with the loom clamp provided.
4. Remove the nut and the radio noise suppressor from the upper timing cover stud on the left side of the engine. Check OEM studs for proper torque. Install the clutch pump bracket with the three shoulder nuts provided. The longer nut goes in the lowest mounting hole. Tighten securely. Install the brace with the 8mm X 30mm flange bolt and 8mm X 20mm flange bolt. Bolt radio noise suppressor to the top of the bracket with the 8mm X 12mm flange bolt.
5. Add the 3/4 hose extension to the power steering reservoir to help keep the P/S hose away from the pump belt.
6. Install idlers and tensioner onto the bracket. Install the A/C compressor onto the bracket. Install the belt and route it as shown.
7. Install fan spacer onto the water pump. Replace the fan and fan shroud. (Connect upper radiator hose if removed and replace coolant.) Run engine and check for proper belt tracking.

IMPORTANT

Make certain all hoses or wires disturbed during the installation of this kit are properly secured away from any moving or hot objects on the vehicle.

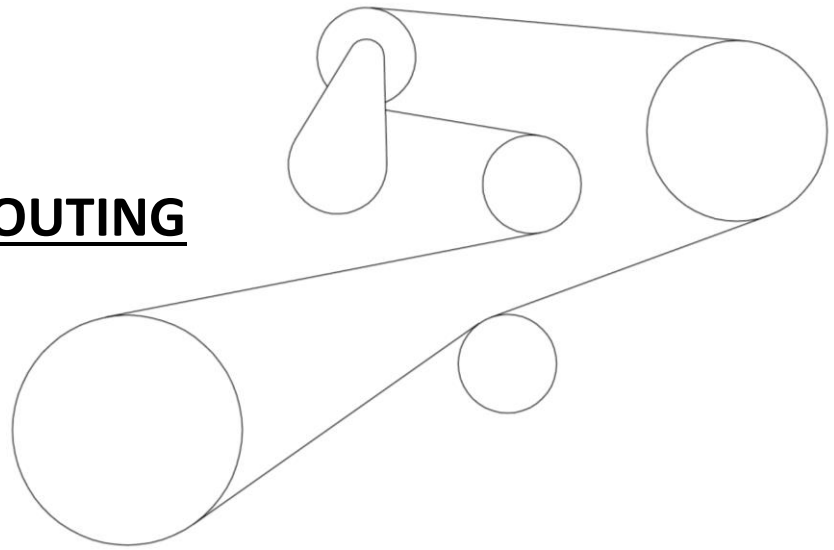
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BELT ROUTING



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BRACKET

- (1) FMP 240 (Main Bracket)
- (1) FMB240 (Brace)

PULLEY

- (1) FPC458

PULLEY HARDWARE

- (1) FPA45
- (3) 10mm x 20mm SHCS
- (1) 10mm x 40mm Flange Bolt
- (2) 10mm Flange Nuts

MOUNTING HARDWARE

- (2) 8mm Shoulder Nuts (short)
- (1) 8mm Shoulder Nut (long)
- (1) 8mm x 30mm Flange Bolt
- (1) 8mm x 20mm Flange Bolt
- (1) 8mm x 12mm Flange bolt

IDLER ASSEMBLY

- (2) 89016 [Dayco](#)
- (2) FMB531 Idler Bushing (.875)
- (2) 10mm x 50mm Flange Bolt
- (2) 3/8 FW's

TENSIONER

- (1) 89446-8 [Dayco](#) (Install a GPCD8)
- (1) 10mm x 75mm Bolt (Special)

BELT

- (1) 5080780 [Dayco](#)

FAN SPACER

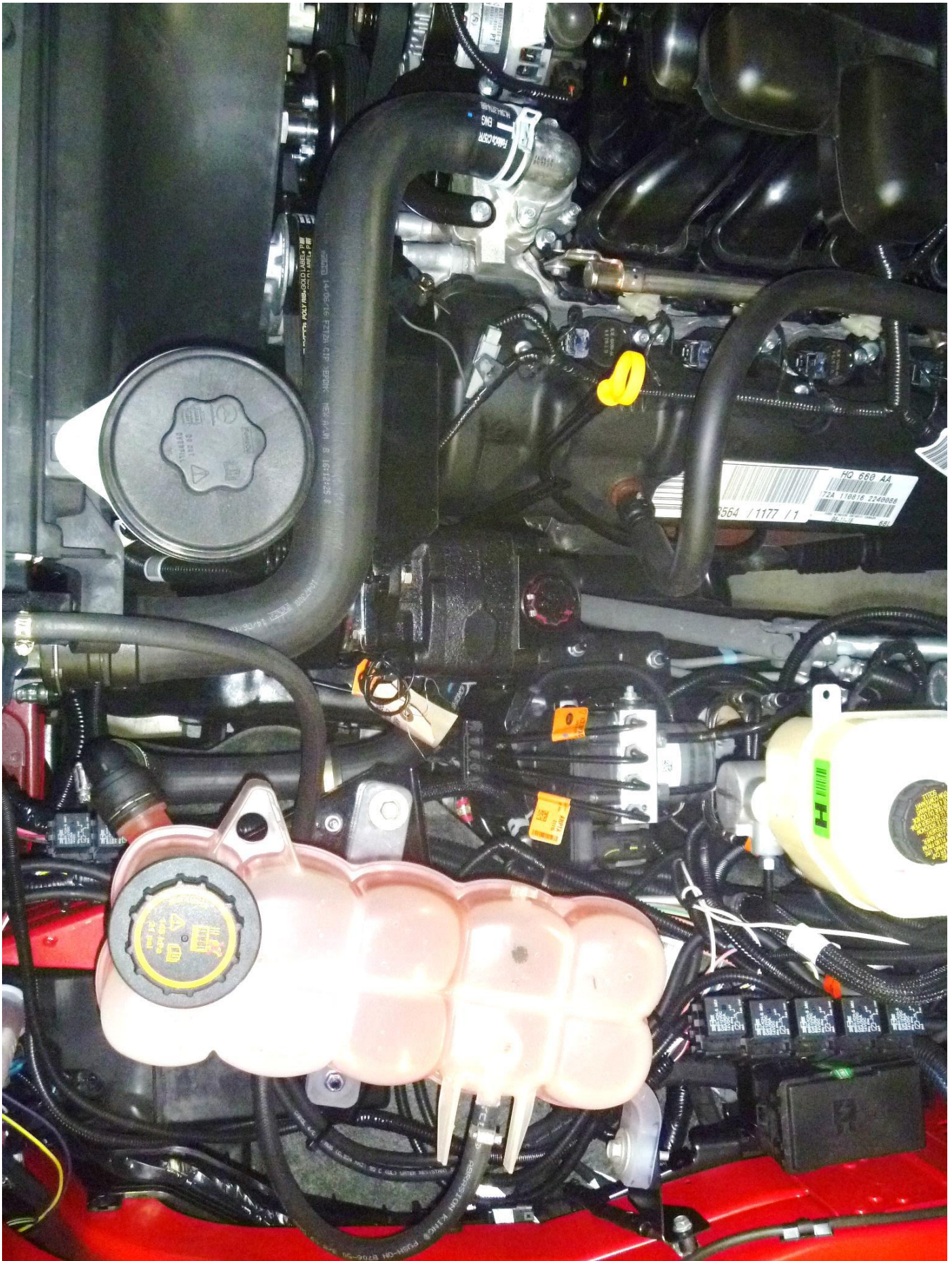
- FSK6.8B

PUMP BOLTS

- (2) 3/8 x 1 1/4 Bolts
- (2) 3/8 LW's

POWER STEERING HOSE

- (1) 3/4 Double Ended Hose Barb
- (1) 3" of 3/4 Oil Hose
- (2) #12 Hose Clamps



4/23/2019