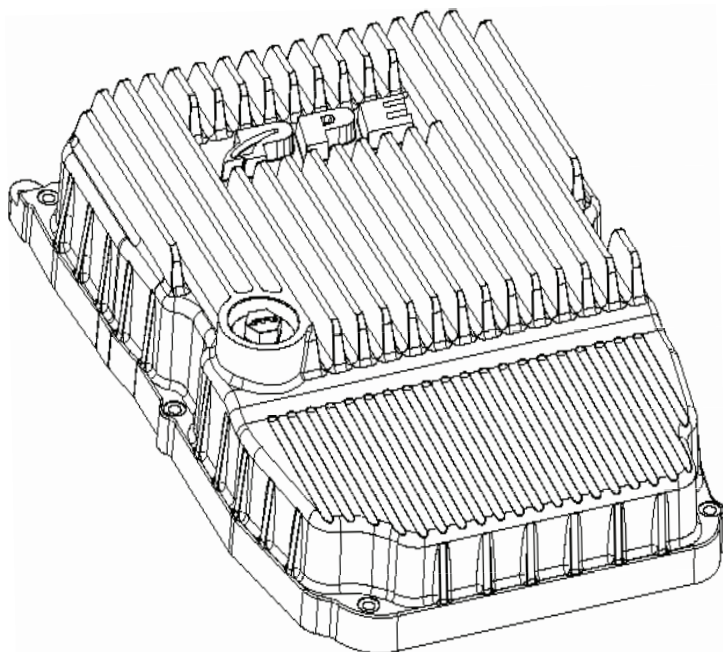


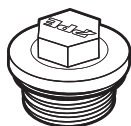


Heavy-Duty Cast Aluminum Transmission Pan WA580, W5A580, NAG1

(228053500, 228053510, 22805320)

Installation Guide

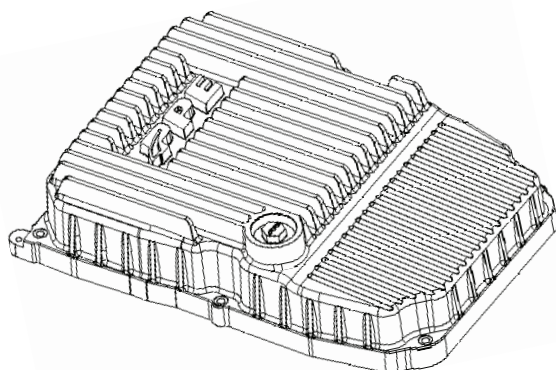
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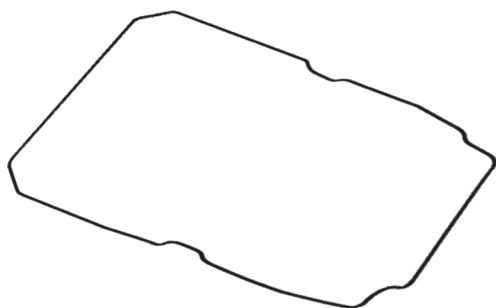
B



C



D



CONTENTS:

A (1) One-inch Neodymium Magnet equipped Drain Plug (installed)

B (1) 1/8" NPT plug (installed)

C (1) PPE Transmission Pan

D (1) Rubber seal

NOTE: Requires the use of an exhaust spacer kit or aftermarket Y pipe for 12-18 Jeep Wrangler JK's to clear bottom of transmission pan.

PREPARATION:

Step 1. Vehicle off. Engine cool.

*Step 2. If using a lift position the lift points in a way you can reach bolts to the cross members and transmission skid plate.
Safety jack or lift the vehicle up. Once the vehicle is at the appropriate height place jack stands underneath for added safety.*

Step 3. Remove the transfer case skid plate by removing the four bolts with a 18mm socket.

Remove the transmission skid plate by removing the three bolts with a 18mm socket.

Remove the three nuts securing the crossmember to the transmission mount with a 16mm socket.

*Step 4. Support the transfer case with a jack stand. **(Fig 1)***



Fig.1

Step 5. The remove crossmember by removing the four bolts and nuts.

*Remove the wire harness heat shield from the transmission pan with a 10mm socket. Set the stock bolt aside. **(Fig 2)***



Fig.2

*Step 6. There is no factory drain plug. Position a fluid drain pan underneath the transmission pan. Be cautious when loosening the bolts, fluid will spill over the factory pan edge. **(Fig 3)***

*Use a T30 torx to loosen the bolts on the rearward side first to allow some of the transmission fluid to drain. Partially drain the pan. Get help to level the pan then remove the remaining bolts. Use caution to prevent spillage.
Set the stock bolts aside.*



Fig.3

Install a new transmission filter if needed.

INSTALLATION:

Step 1. Clean and wipe down the mating surface on the transmission.

Step 2. Place the provided O-Ring onto the groove on the PPE Transmission Pan. Make sure that the O-Ring is completely seated in the machined groove. (Fig 1)



Fig.1

Step 3. Check the NPT Plug and Drain Plug. Tighten if necessary. The torque specs for the Drain Plug is 18 ft.lbs.

Step 4. Install the PPE Transmission Pan with the stock bolts with a T30 torx until finger tight.

Reconnect and tighten the heat shield to the PPE Transmission Pan with the stock bolt with a 10mm socket. (Fig 2)



Fig.2

Step 5. Tighten bolts in a crossing pattern as shown. Torque to 8 ft. lbs./89 in.lbs.

Reinstall the crossmember and transmission skid plate. Torque to 48 ft.lbs. (Fig 3)

Step 6. Remove the jack stand. With the vehicle level on the floor, fill the transmission with manufacturer recommended fluid. The fill is underneath the hood on the passenger side.

Start engine. Check for leaks.

Installation is complete.

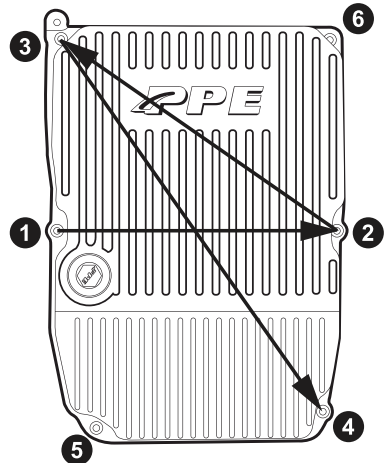


Fig.3

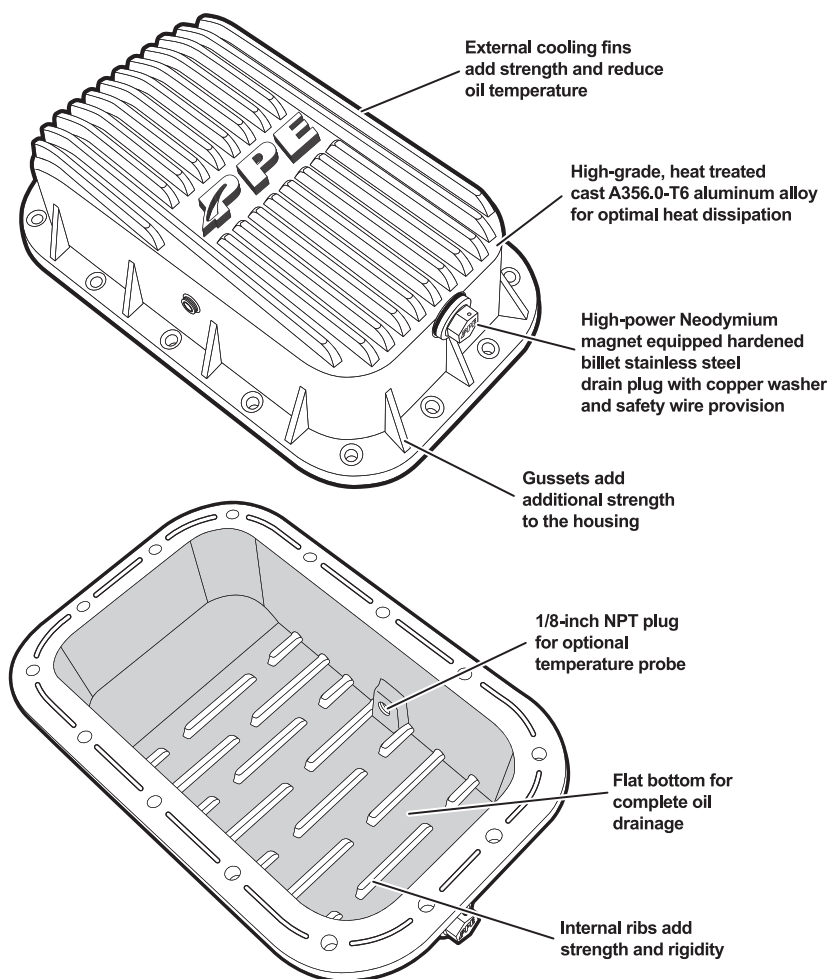


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Heavy-Duty Cast Aluminum Engine Oil Pan

Whether your factory stamped steel oil pan has become damaged, rusted, or you just want an easy bolt-on upgrade with better performance, the PPE Cast Aluminum Oil Pan is your best choice for increased strength and lower oil temps.

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