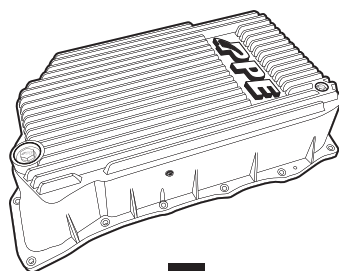


Heavy-Duty Cast Aluminum Deep Transmission Pan

GM 6.6L Duramax w/ 10L1000 Transmission

(128051400, 128051410, 128051420)

Installation Guide



A



B



C



D



E



F

CONTENTS

- A. (1) Transmission Pan
- B. (1) Magnetic Drain Plug
- C. (1) Fluid Level Check Plug
- D. (1) 1/8 NPT Plug
- E. (16) M6 SHCS
- F. (16) M6 Washers

INSTALLATION:

1. Vehicle off. Engine cool.
2. Remove the stock transmission pan plug to partially drain the transmission fluid. Note that this does not fully drain the fluid and some fluid will remain inside the pan. Use a catch pan to collect all old fluid for volume measurement.
3. Remove all transmission pan bolts but one in the front (**Fig. 1**).
4. Tilt the rear of the pan down to drain the remaining fluid. (**Fig. 2**) Remove the stock pan.

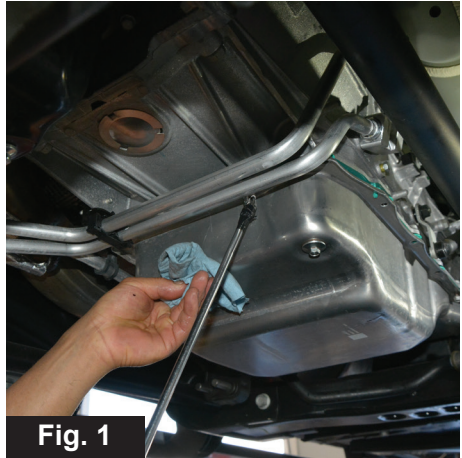


Fig. 1

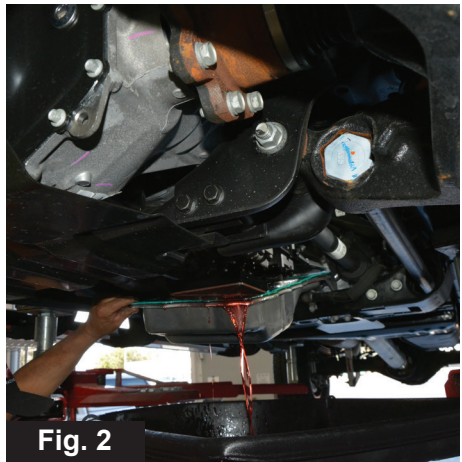


Fig. 2



5. Thoroughly clean the stock gasket and transfer the gasket onto the PPE pan (**Fig. 3**).
6. Install the PPE pan in place. Finger tighten all bolts along with the washers supplied.

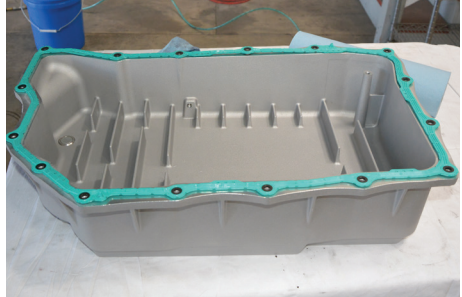


Fig. 3

7. Tighten all bolts in a crossing pattern shown in (**Fig. 4**) to 8-10 lb-ft (**Fig. 5**).
8. Tighten the large magnetic drain plug to 20 lb-ft. Tighten the level check plug to 12-14 lb-ft.

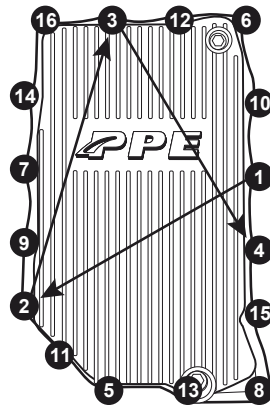


Fig. 4



Fig. 5

FLUID FILLING:

Follow GM Service Manual for detailed step-to-step instructions.

The following steps were performed for our test fitment on a 2020 GMC Sierra 2500 6.6L. Only the PPE pan and a replacement filter were installed during our testing.

For Reference Only:

1. Remove the fill plug on the passenger side of the transmission case. **(Fig 6)**
2. Roughly measure the amount of fluid drained into the catch pan, add an additional 4 quarts to it as the initial fill. Use a universal fluid dispenser to add fluid through the fill port.

In our testing, we added about 13 quarts as the initial fill.

3. Install fill plug back to the transmission case.
4. Start and idle the engine for 60s.
5. Shift through each shifter position (R, N, D, L). Stay in each position for at least 3 seconds. Shift back to P.





6. Brake torque the engine to raise the transmission fluid temperature to 167-175°F. To brake torque, press the brake pedal with left foot, shift to D, gently press the accelerator pedal with right foot and maintain the engine speed in the 1200-1500 RPM range. Do this in 10-second intervals (10 seconds brake torque, 10 seconds idle).
7. Once the transmission fluid temperature is in the 167-175°F range, remove the PPE fluid level check plug. Keep the engine running while doing this. Be careful as hot fluid might come out from the check port.
8.
 - A. If fluid starts flowing out from the level check port, wait until the fluid begins to drip.
 - B. If no fluid comes out, add more fluid through the fill port until fluid starts to flow out. Wait until the fluid begins to drip.
9. Reinstall the fluid level check plug to 12-14 lb-ft.

Installation Complete

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