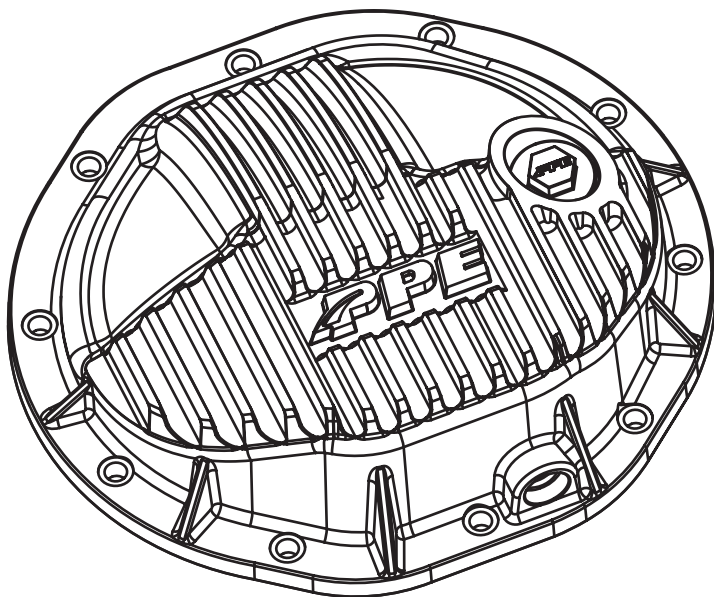




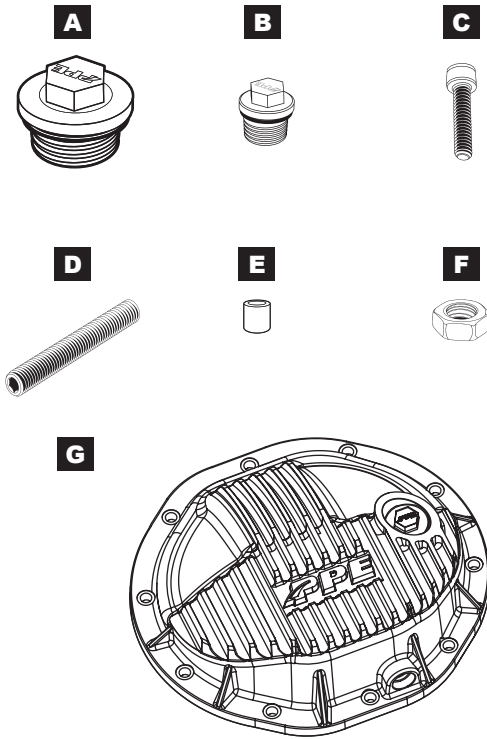
## **Heavy-Duty Cast Aluminum Rear Differential Cover**

***GM 1972-2013 K1500 10-8.5"***

***(138051300, 138051310, 138051320)***

### **Installation Guide**

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## **CONTENTS:**

- A. (1) One-inch Neodymium Magnet equipped Fill Plug (installed)
- B. (1) 9/16" ORB Neodymium Magnetic Drain Plug (installed)
- C. (8) M8 - 1.25 x 30mm Socket Head Cap Screws
- D. (2) M8 - 1.25 x 55mm Plated Steel Stud
- E. (2) Stainless Steel Spacer
- F. (2) M8-1.25 Steel Nut
- G. (1) PPE Cast Aluminum Rear Differential Cover

## INSTALLATION:

1. Vehicle off, secure, and cool.
2. Remove stock hardware and cover. Drain and recycle oil. **(Fig. 1)**

If your vehicle is equipped with a brake line bracket secured to the OEM differential cover, note the alignment and where the bracket is attached. It will be reinstalled.

3. Check if the factory has used a gasket. If the gasket is in good condition, carefully remove it from the old cover and clean it thoroughly. Transfer the cleaned gasket to the new cover. However, if the gasket is damaged or worn, it is recommended to replace it with a new one. In the absence of a gasket, gently scrape off any residual silicone from the mating surface of the pan housing. **(Fig. 2)**
4. Apply a continuous bead of RTV sealant onto the PPE diff cover flange and around bolt holes. **(Fig. 3)**
5. Install PPE diff cover on the housing by placing one M8 screw **(C)** on either side of the flange and finger tight for now. **(Fig. 4)**



6. If the vehicle is equipped with a brake line bracket, place an M8 stud (D) in place of screw (C). (Fig. 5)

Install remaining screws and torque to 20-25 lb-ft in crossing pattern as depicted. (Fig. 6)

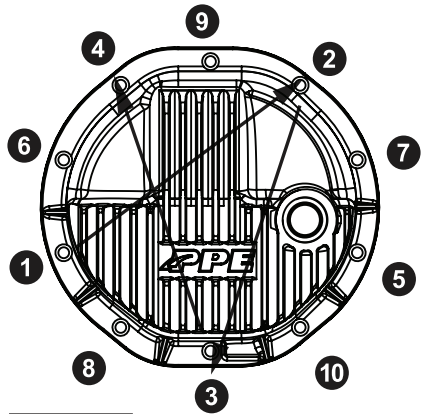
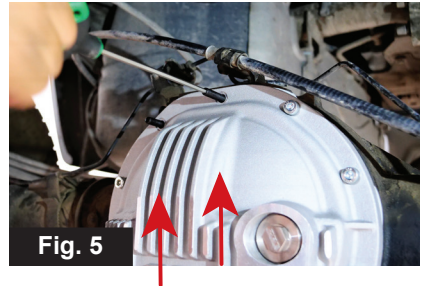
*Note: Allow for RTV manufacturer's recommended time for silicone setup.*

7. Slide spacers (E) over the studs followed by the brake line bracket and secure with M8 nut (F).
8. Torque Drain Plug (B) to 13-15 lb-ft.
9. Remove fill plug (A) and fill to manufacturer recommended level with manufacturer recommended differential fluid.

Torque fill plug (A) to 20-23 lb-ft

Check for leaks.

**Installation Complete**



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## **DISCLAIMER OF LIABILITY**

Performance products can increase horsepower above and beyond factory specifications. Additional horsepower creates more stress on the drive-train components, which could result in drive-train failure.

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