

Heavy-Duty Cast Aluminum Rear Differential Cover Ford 10 Bolt, 8.8-in.

(338051400, 338051410, 338051420)

Installation Guide



A



B



C



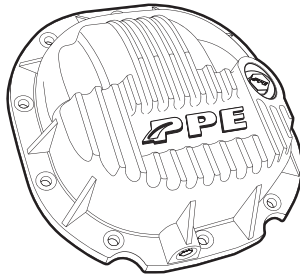
D



E



F



CONTENTS:

- A** (1) Neodymium Magnet-Equipped Fill Plug (installed)
- B** (10) 5/16-inch - 18 x 1.0 socket head cap screws
- C** (1) Neodymium Magnet-Equipped Drain Plug (installed)
- D** (10) 5/16-inch Flat Washers
- E** (1) 1/8-inch NPT plug (installed)
- F** (1) PPE Rear Differential Cover

INSTALLATION:

Step 1. Vehicle off and secure. Engine cool.

Step 2. Remove stock screws. Drain and recycle oil. Remove stock cover.

Step 3. Thoroughly clean the housing mating surface of old sealant.

Step 4. Apply a continuous bead of RTV sealant into the PPE Cover flange and around flange holes. Leave no gaps.

(Fig. 1)



Fig.1

Step 4. Position Cover in place. Do not smear RTV. Install Screw and Washer assemblies **(B, D)** on each side of the Cover to hold in place **(Fig. 2: Step 1, 5)**.

Finger tight for now.

Step 5. Install remaining Screw and Washer assemblies. Tighten in crossing pattern as depicted.

(Fig. 2).

Torque screws 8-10 ft. lbs.

Step 6. Tighten NPT Plug **(E)** snug.

Tighten Drain Plug **(C)** 15-19 ft lbs.

Step 7. Fill to sight level with manufacturer recommended oil.

Tighten Fill Plug **(A)** 18-22 ft lbs.

Check for leaks.

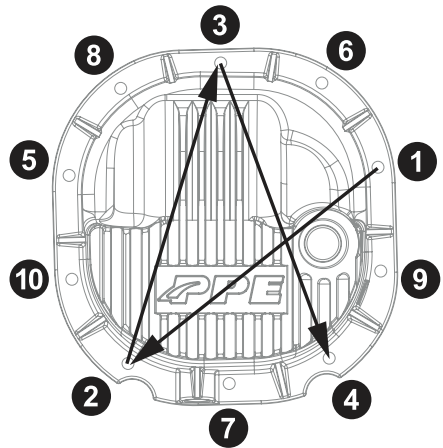


Fig.2

This completes the installation.

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