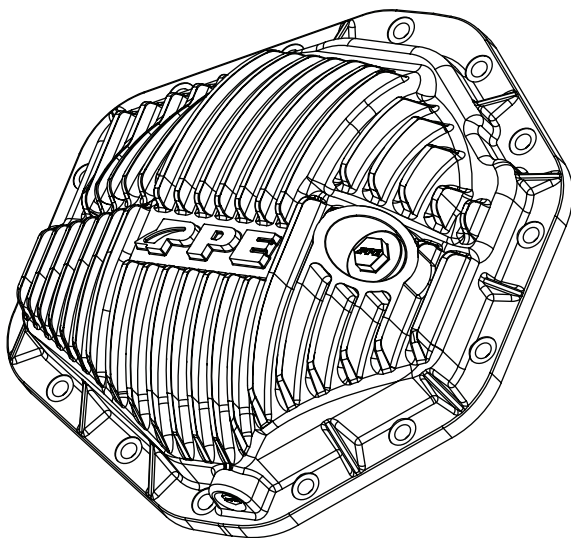
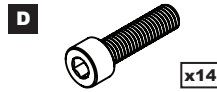
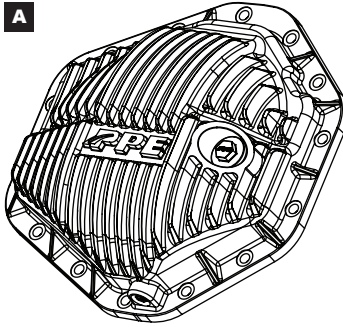




## Heavy-Duty Cast Aluminum Rear Differential Cover

**1988 - 2021 GM AAM 10.5" - 14 Bolt**



## CONTENT

- |                                        |                             |
|----------------------------------------|-----------------------------|
| A. Rear Differential Cover (1)         | D. M8-1.25 x 30mm SHCS (14) |
| B. Magnetic Fill Plug (Installed) (1)  | E. M8 Washer (14)           |
| C. Magnetic Drain Plug (Installed) (1) |                             |



**INSTALLATION  
VIDEO**



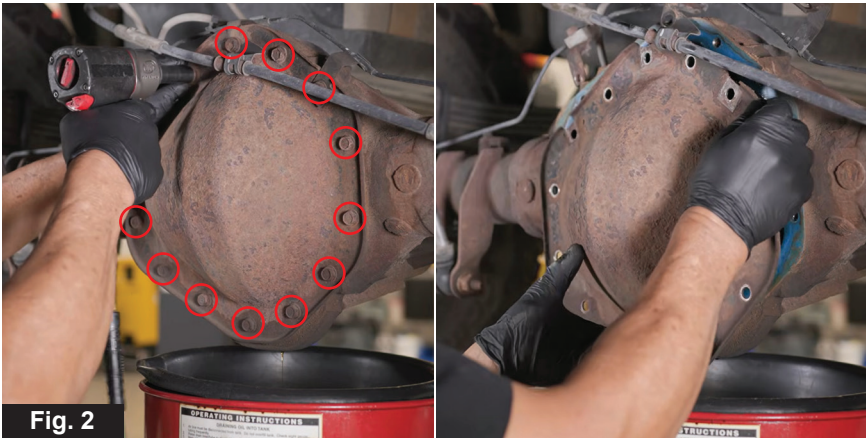
**PRODUCT  
RESOURCES**

## INSTALLATION

1. Turn off the vehicle and let it cool off.
2. Remove the drain plug on the rear differential and drain the fluid. **(Fig. 1)**



3. Remove the factory differential bolts and then the factory cover. **(Fig. 2)**



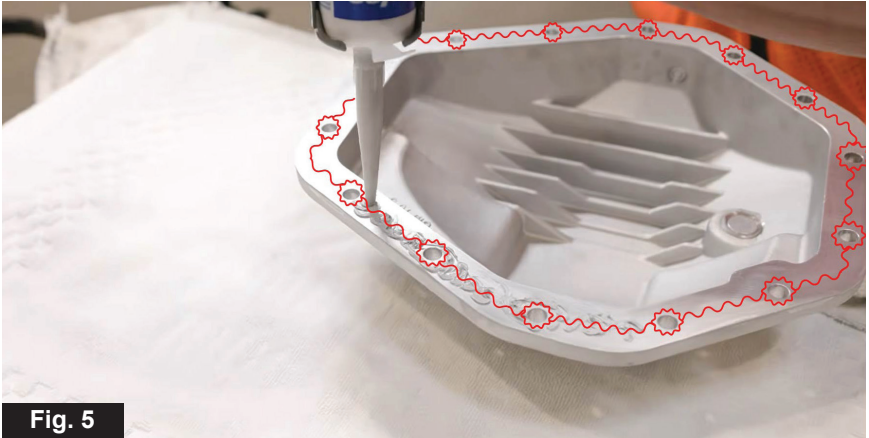
4. Remove the factory gasket if available and thoroughly clean the mating surface. **(Fig. 3)**



5. Pre install the washers (E) onto the socket head cap screws (D). **(Fig. 4)**



6. Use a new factory gasket or apply a continuous bead of RTV sealant onto the flange of the PPE cover (A) and around each bolt hole. **(Fig. 5)**



**Fig. 5**

7. Install the PPE differential cover (A) using the supplied hardware into all holes except the topmost hole, do not fully tighten. **(Fig. 6)**



**Fig. 6**



8. Tighten the screws in a crossing pattern torque all screws to 20 to 25 lb-ft.  
(Fig.7)



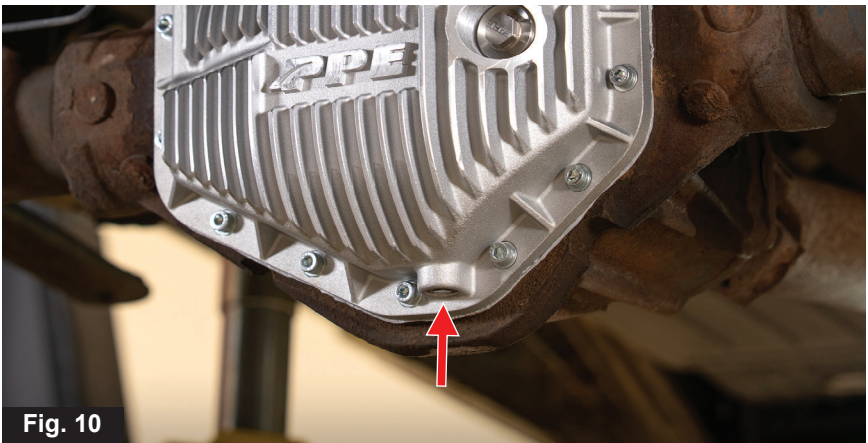
9. Install the last screw into the topmost hole and torque to 20 to 25 lb-ft.  
(Fig. 8)



10. Reinstall the drain plug into the rear differential. (**Fig. 9**)



11. Check and tighten the drain plug (C) on the PPE differential cover (A) to 13 to 15 lb-ft. (**Fig. 10**)



12. Remove the fill plug (B) on the PPE differential cover (A). **(Fig. 11)**



13. Fill the differential with factory recommended fluid wipe away any spillage from the surface of the cover. **(Fig. 12)**





14. Reinstall the fill plug (B) and tighten to 18 lb-ft. **(Fig.13)**

Check for any 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.

Note regarding emissions-related, non-E.O.-legal products: THESE PRODUCTS ARE LEGAL IN CALIFORNIA ONLY FOR RACING VEHICLES THAT MAY NEVER BE USED, OR REGISTERED OR LICENSED FOR HIGHWAY OR OFF-ROAD USE.

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