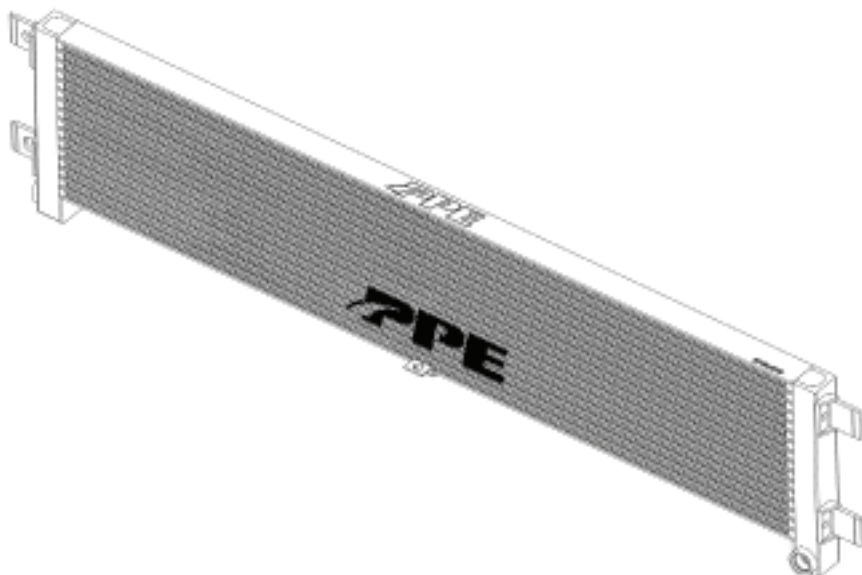


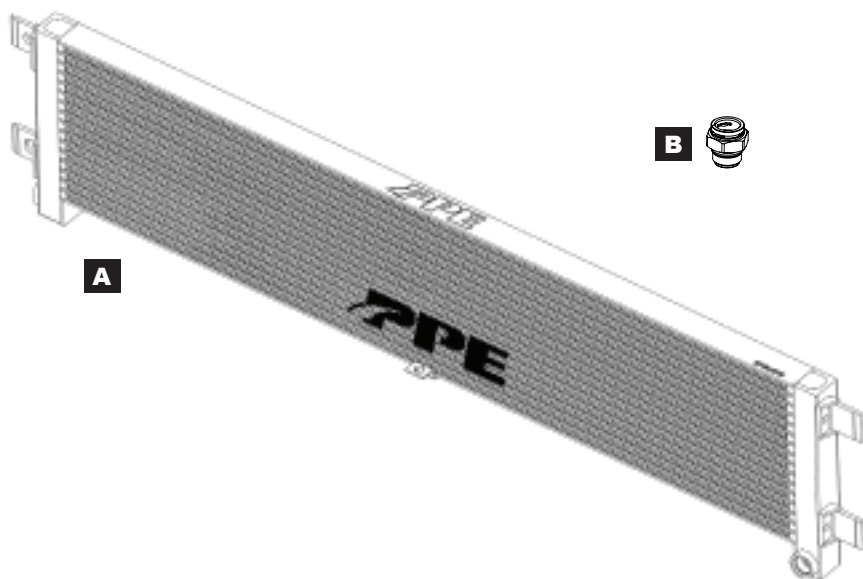


Performance Transmission Cooler Bar and Plate

2019 - 2025 RAM 2500/3500 6.4L Hemi w/ 8HP75
2019 - 2024 RAM 2500/3500 6.7L Cummins SO
w/ 68RFE

(224065000)

Installation Guide

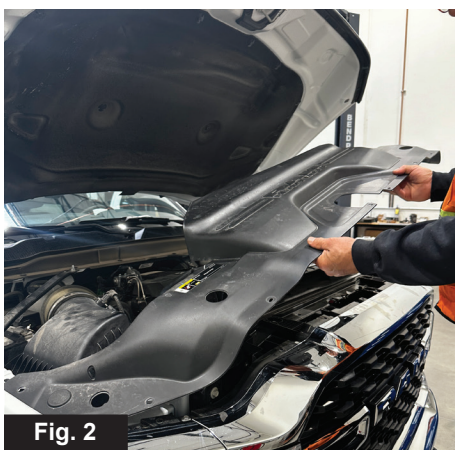


CONTENTS

- A. (1) Transmission Cooler
- B. (2) Transmission Line Fitting

INSTALLATION

1. Vehicle off and cool.
Disconnect both batteries.
2. Remove the clips securing the radiator shroud, then lift the shroud to remove it. (Fig. 1 & 2)



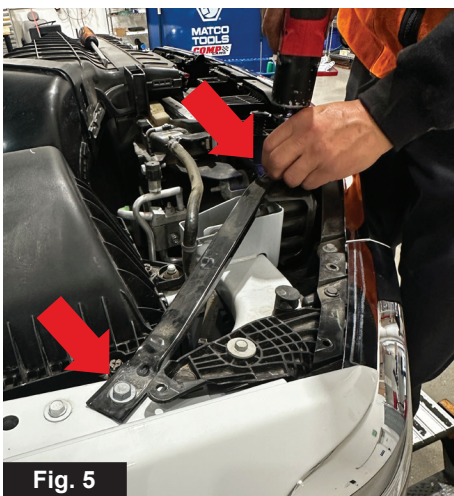
3. Disconnect the wiring harnesses for both sensors and remove any clips on the air box lid. (Fig. 3)



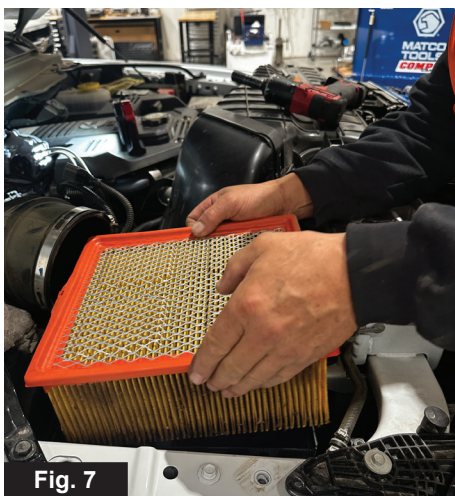
4. Loosen the hose clamp that connects the intake tube to the air box lid. **(Fig. 4)**



5. On the passenger side, remove the reinforcement beam. **(Fig. 5)**



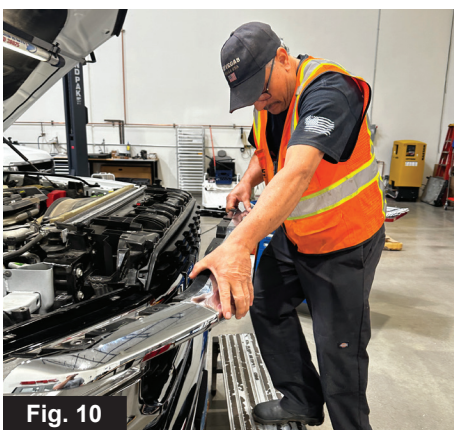
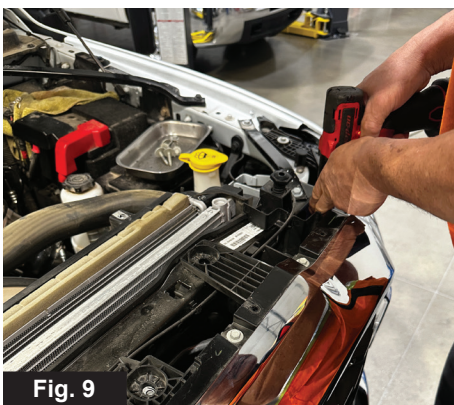
6. Loosen the screws on the air box lid, then remove the lid and filter. **(Fig. 6 & 7)**

**Fig. 6****Fig. 7**

7. Remove the screws securing the air scoop, then lift and remove the air box. **(Fig. 8)**

**Fig. 8**

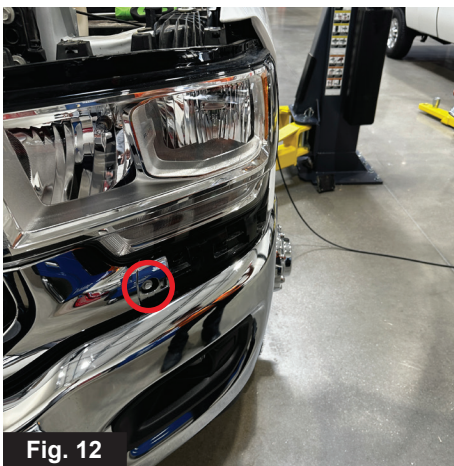
8. Remove the bolts and clips securing the upper grille trim, then remove it from the vehicle. **(Fig. 9 & 10)**



9. Pull the lower side panel to release the clips and expose the bolts securing the lower grille trim. **(Fig. 11)**



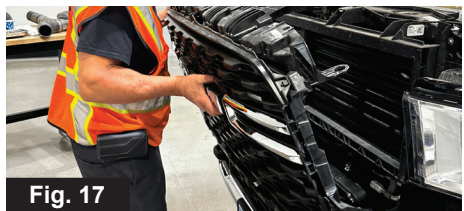
10. Remove the two bolts and loosen the five nuts accessible from under the vehicle that secures the lower grille trim. **(Fig. 12 & 13)**

**Fig. 12****Fig. 13**

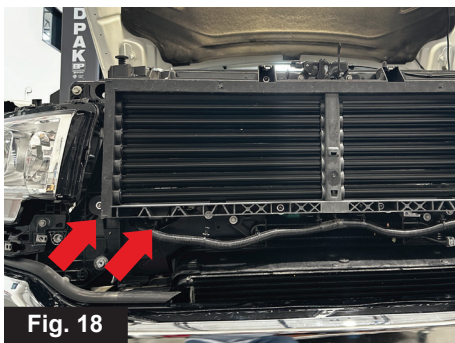
11. Pull to release the clips, then remove the lower grille trim. (Fig. 14 & 15)



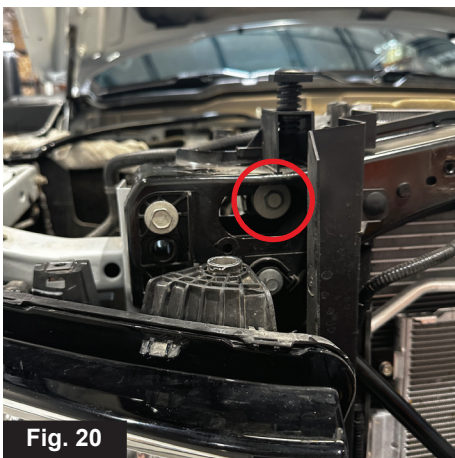
12. Remove all bolts securing the grille, then remove the grille. (Fig. 16 & 17)



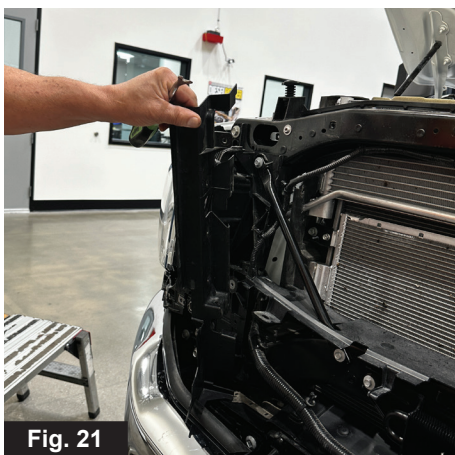
13. Disconnect any plastic clips on the grille active shutters, then remove the bolts. Once loose, rotate the grille active shutter forward and disconnect the sensor wiring harness before fully removing it. **(Fig. 18 & Fig. 19)**



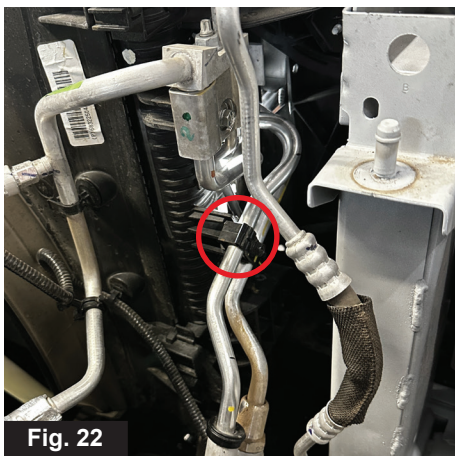
14. Remove the top two bolts securing the radiator. This will assist with installation and removal. **(Fig. 20)**



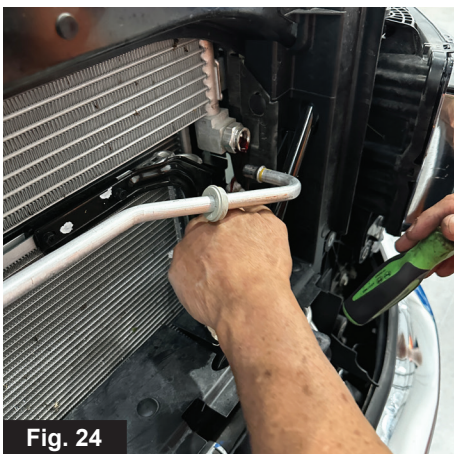
15. Remove the rubber air diverter. **(Fig. 21)**



16. Remove the bolt holding the transmissions line bracket to the radiator. **(Fig. 22)**



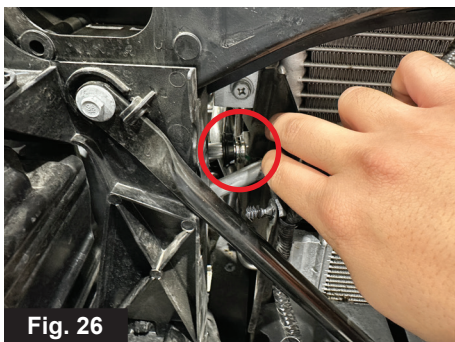
17. Disconnect the transmission line support clip and the driver side transmission line from the factory transmission cooler. (Fig. 23 & 24)



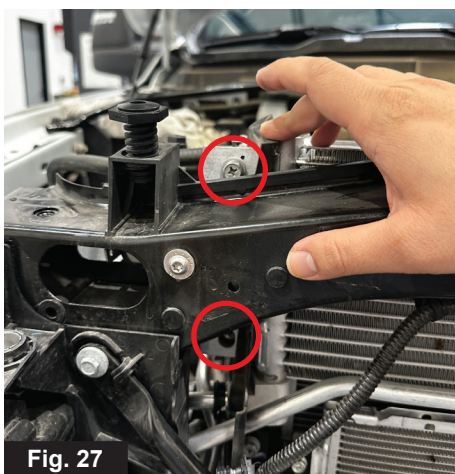
18. Remove the driver side transmission line fitting from the factory transmission cooler. (Fig. 25)



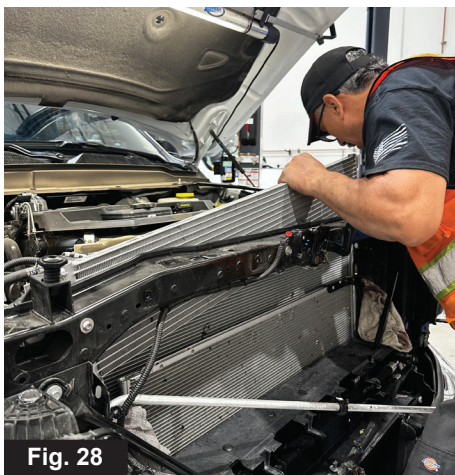
19. Disconnect the passenger side transmission line from the factory transmission cooler. (Fig. 26)



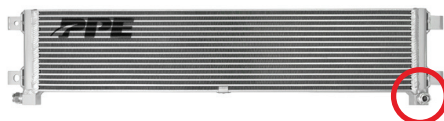
20. Remove the two bolts securing the factory transmission cooler. (Fig. 27)



21. Slide the transmission cooler towards the passenger side to free the tabs from the grooves, then rotate the driver side up. (Fig. 28 & 29)



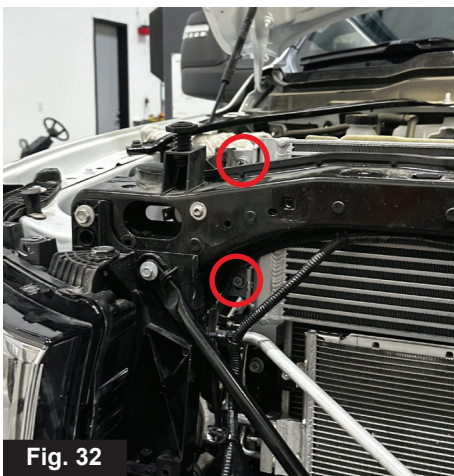
22. On the Transmission Cooler (A), remove the driver side Transmission Line Fitting (B). (Fig. 30)



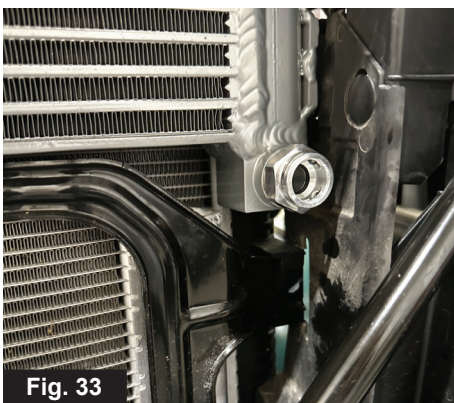
23. Install the Transmission Cooler **(A)**. First install the left side of the cooler as far towards the passenger side as possible to align the tabs located on the driver side. Then, slide the cooler to the right until the bolts holes align. **(Fig. 31)**



24. Tighten the factory bolts to secure the Transmission Cooler **(A)**. **(Fig. 32)**



25. Reinstall the Transmission Line Fitting **(B)** into the Transmission Cooler **(A)**. **(Fig. 33)**

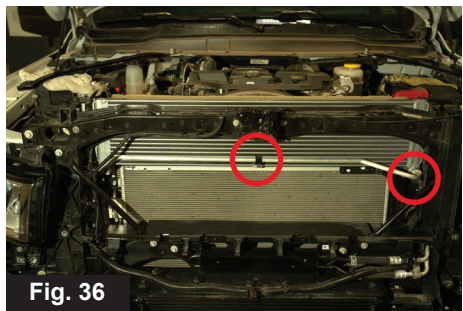
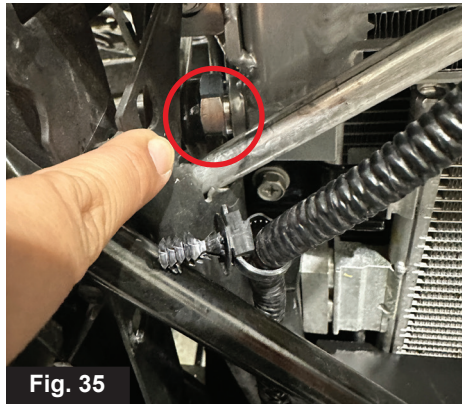


26. Reinstall the transmission line bracket. **(Fig. 34)**



27. Reinstall both transmission lines and the plastic clip onto the transmission cooler. **(Fig. 35 & 36)**
28. Reinstall all components removed during disassembly.

Installation Complete



DISCLAIMER OF LIABILITY

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