

Hot and Cold Side Intercooler Charge Pipe Kit

2019 – 2025 RAM 6.7L Cummins

(215022000, 215022010, 215022020, 215022030)

Installation Guide



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.

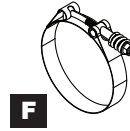
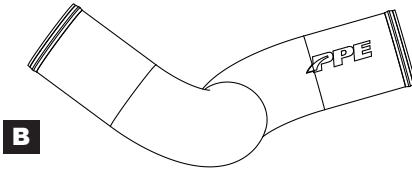
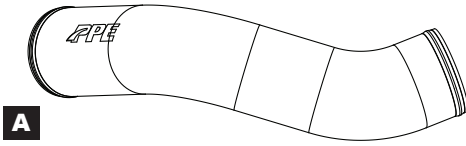
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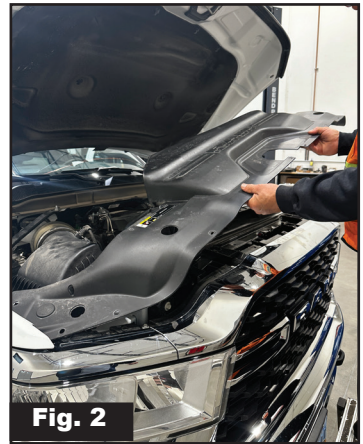
CONTENTS:

- A.** (1) *Hot Side Pipe*
- B.** (1) *Cold Side Pipe*
- C.** (2) *Silicone Coupler, 3.5" To 3.0"*
- D.** (1) *Silicone Coupler, 2.75" To 3.5"*
- E.** (1) *Silicone Coupler, 3.5" To 3.5"L*
- F.** (5) *Spring Clamp, 95-103mm*
- G.** (1) *Spring Clamp, 73-81mm*
- H.** (2) *Spring Clamp, 81-89mm*

DISASSEMBLY:

*Step 1. Vehicle off and cool.
Disconnect both batteries.*

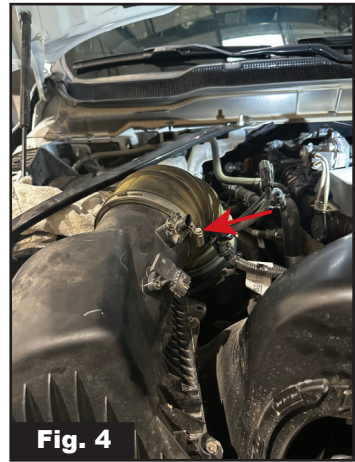
*Step 2. Remove clips securing the radiator shroud, then carefully lift it out (**Fig. 1 & 2**).*



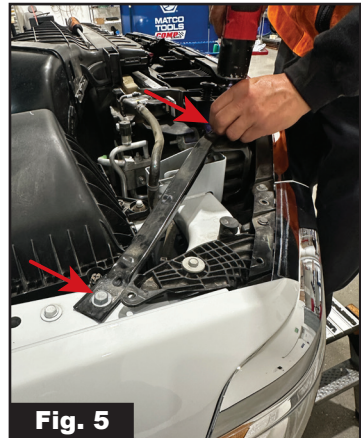
*Step 3. Disconnect the wiring harnesses from both sensors and remove any clips securing the air box lid and scoop (**Fig. 3**).*



- Step 4.** Loosen the hose clamp connecting the intake tube to the air box lid (Fig. 4).



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



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





Step 7. Remove the screws securing the air scoop then lift to remove the air box assembly (Fig. 8).

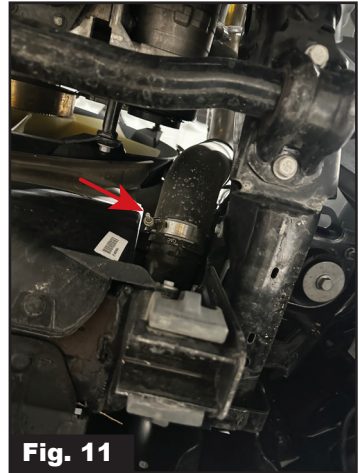
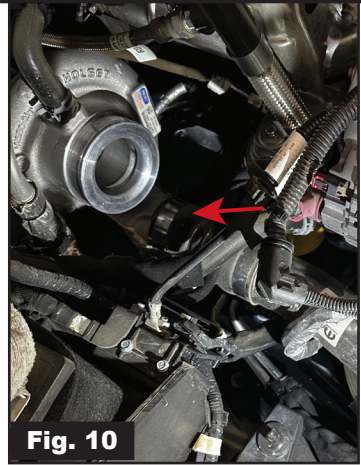


Step 8. Loosen the hose clamp connecting the intake tube to the turbo then remove (Fig. 9).



INSTALLATION

Step 9. On the passenger side, loosen the hose clamp at the turbo and intercooler, then remove the charge pipe through the bottom of the vehicle (**Fig. 10, 11, & 12**).



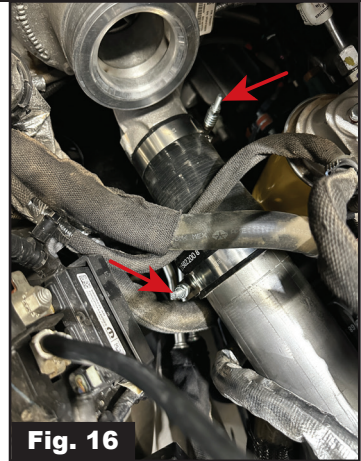
Step 10. Install Silicone Coupler (**D**) onto the turbo. Note the orientation of the coupler; the hump should be facing towards the passenger side (**Fig. 13**). Install Silicone Coupler (**C**) onto the intercooler (**Fig. 14**).



Step 11. Install the Hot Side Pipe (**A**) into Silicone Coupler (**D**) first then into Silicone Coupler (**C**) (**Fig 15**).



- Step 12. Install Spring Clamp (**G**) onto Silicone Coupler (**D**) on the turbo side and Spring Clamp (**F**) on the tube side (**Fig. 16**). Make sure the clamp is installed in a position where it does not come into contact with any components.



- Step 13. Install Spring Clamp (**H**) onto Silicone Coupler (**C**) on the intercooler side and Spring Clamp (**F**) on the tube side (**Fig. 17**). Make any adjustments needed to the hot side tube then tighten all spring clamps.



- Step 14. On the driver side, remove the bolt securing the power steering reservoir. Loosen the hose clamp at the throttle body (**Fig. 18**).



Step 15. Loosen the hose clamp at the intercooler then rotate the power steering reservoir out of the way and remove the charge pipe through the top (**Fig. 19 & 20**).



Fig. 19

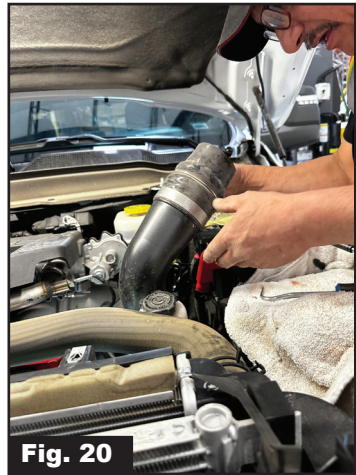


Fig. 20

Step 16. Install Silicone Coupler (**C**) onto the intercooler (**Fig. 21**).



Fig. 21

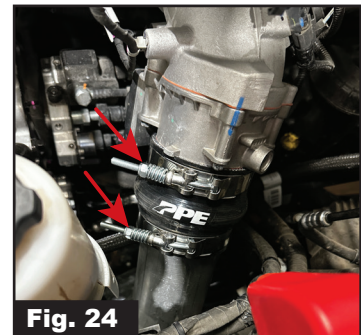
Step 17. *Install the Cold Side Pipe (B) into Silicone Coupler (D) (Fig. 22).*



Step 18. *Install Silicone Coupler (E) onto the throttle body and Cold Side Pipe (B) (Fig. 23).*



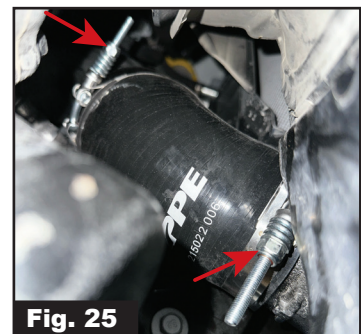
Step 19. *Install two Spring Clamps (F) onto Silicone Coupler (E) (Fig. 24).*



Step 20. *Install Spring Clamp (F) on the tube side and Spring Clamp (H) on the intercooler side. Make any adjustments needed to the cold side pipe then tighten all hose clamps (Fig. 25).*

Step 21. *Reinstall all necessary factory components and electrical connections.*

Installation complete.





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