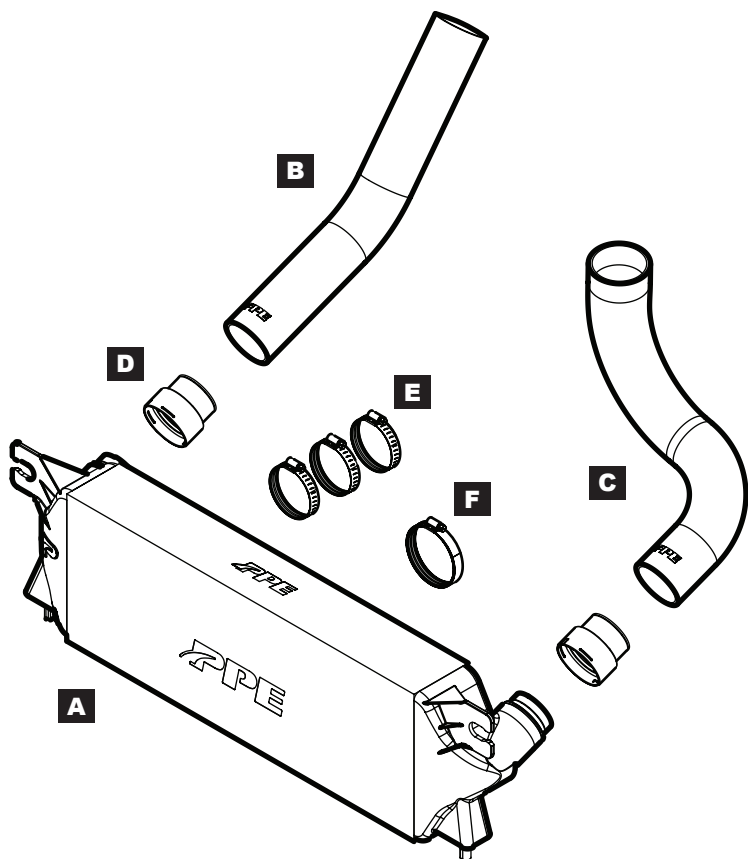


Intercooler Kit

2020-2023 RAM EcoDiesel 3.0L

(215032023)

Installation Guide

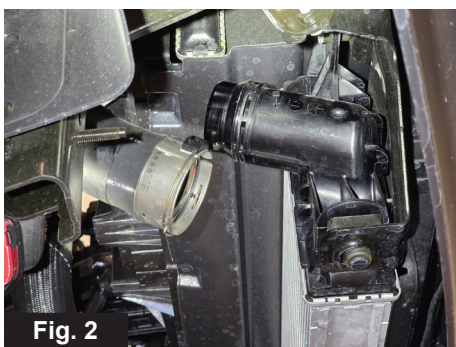
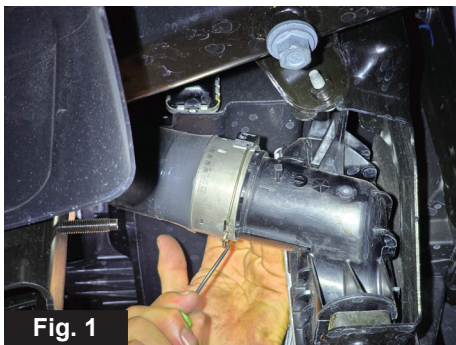


CONTENTS

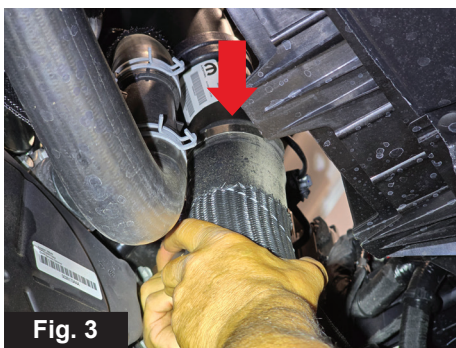
- A. (1) Intercooler
- B. (1) Passenger Side Intercooler Hose (Hot Side)
- C. (1) Driver Side Intercooler Hose (Cold Side)
- D. (2) Aluminum Quick-Connects
- E. (3) W-Style Hose Clamp, 52-76mm
- F. (1) W-Style Hose Clamp, 59-83mm

DISASSEMBLY

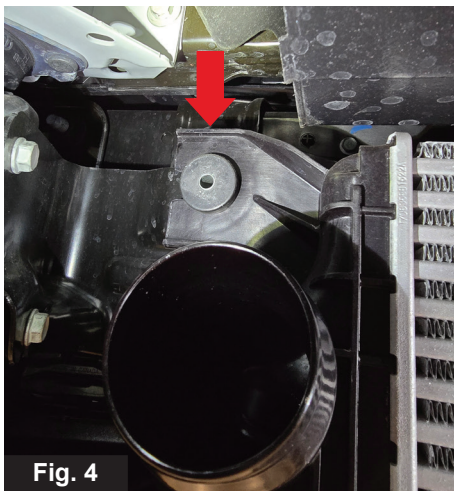
1. Vehicle off and cool.
2. Disengage the retaining clips from the factory intercooler connectors on both sides. Disconnect factory intercooler hoses from the intercooler. (Fig. 1 & 2)



3. For both sides, disconnect factory intercooler hoses from factory intercooler pipes. Remove both factory intercooler hoses. (Fig. 3)



4. Remove the two bolts securing the intercooler to the support brackets. Carefully lift the factory intercooler to unseat the grommets from the lower support. Remove factory intercooler. (**Fig. 4 & Fig. 5**)



INSTALLATION

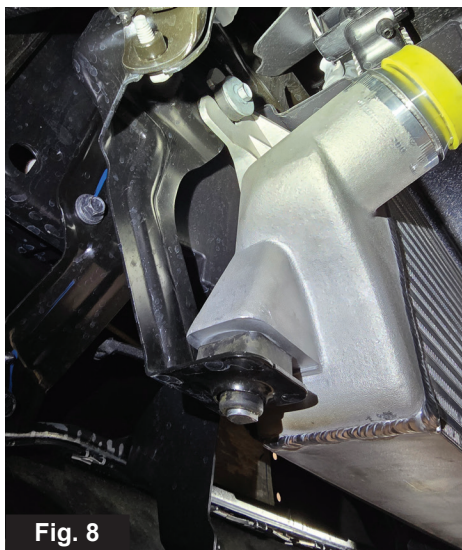
5. Transfer the two factory square peg grommets and the two round grommets with steel insert onto the PPE Intercooler. (**Fig. 6**)



6. Attach the two Aluminum Connectors (**D**) to the PPE Hot and Cold Side Intercooler Hoses, (**B & C**) with two Hose Clamps (**E**). Make sure the Aluminum Quick-Connects are installed to the correct end of the hoses. (**Fig. 7**)



7. Install PPE Intercooler onto the lower support. Make sure that the lower square grommets are fully seated securely. Reinstall the two bolts removed from Step 4. (**Fig. 8**)



8. Install both PPE Intercooler Hoses to factory upper plastic intercooler pipes. Use the larger Clamp (F) on the cold side connection. Install both Intercooler Hoses to PPE intercooler by connecting the Quick-Connects to the Intercooler. Tighten all clamps. **(Fig. 9 & 10)**

9. Adjust the positioning of the anti-abrasion sleeves over the intercooler hoses, secure sleeves with zip ties.



10. Place the supplied CARB E.O. label on a clean, visible surface under the engine hood. PPE recommends using the top side of the fan shroud.



Installation Complete

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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LIMITATION OF WARRANTY

The Seller gives Limited Warranty as to description, quality, merchantability, and fitness for a particular purpose, productiveness, or any other matter of Seller's product sold herewith. The Seller shall not be responsible for the products proper use and service and the Buyer hereby waives all rights other than those expressly written herein. This warranty shall not be extended, altered or varied except by a written instrument signed by Seller and Buyer.

The Warranty on PPE Manifolds and Up-Pipes Kits, OEM-Length Up-Pipes is three (3) years, a limited lifetime warranty on PPE cast aluminum pans and covers, and a limited lifetime warranty on PPE Transmission Coolers and one (1) year limited warranty on all other PPE products from the date of sale to original buyer and limited solely to the parts contained within the products kit. All products that are in question of Warranty must be returned prepaid to the Seller and must be accompanied by a dated proof of purchase receipt. All Warranty claims are subject to approval by Seller. Under no circumstances will the Seller be liable for any labor charged or travel time incurred in diagnosis for defects, removal, or re-installation - of this product or any other contingent expenses. Under no circumstances will the Seller be liable for any damage or expenses incurred by reason of the use or sale of any such equipment. In the event that the buyer does not agree with this agreement: the buyer may promptly return this product, in a new and unused condition in its original packaging, with a dated proof of purchase to the place of purchase within ten (10) days from date of purchase for a full refund. The installation of this product indicates that the buyer has read and understands this agreement and accepts its terms and conditions.



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