



Installation Manual

Transmission Oil Cooler Kit – Holden VY V6 & V8

PFEOCVY-KIT



Included Items	QTY
PFEOCVY-KIT Transmission Cooler 280x255x19mm 3/8" Barb	1
Long Steel Bracket	1
Short Steel Bracket	1
Male Hose Fitting	1
Female Hose Fitting	1
3/8" Hose Clamps	4
PFE400R-06BK Push Lock Hose 3/8" 700mm	1
PFE400R-06BK Push Lock Hose 3/8" 850mm	1
M6 x 12mm Screws	4
M6 Nylon Lock Nuts	8

WARNING: PLEASE READ ALL INSTRUCTIONS BEFORE PROCEEDING. PROFLOW WILL NOT BE RESPONSIBLE FOR ANY DAMAGE AS A RESULT OF THE INCORRECT INSTALLATION OF THIS PRODUCT. IT IS RECOMMENDED THAT A QUALIFIED AUTOMOTIVE TECHNICIAN PERFORMS THIS INSTALLATION.

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Typical Installation

1. Raise the front of the vehicle with a jack to assist you in removing the front bar.
2. Remove the 5 scrivets along the top of the vehicles radiator and the 3 screws attaching the top of the grille to the radiator support panel.
3. Remove the front bar by unscrewing the 2 screws on the outer corners near the front wheels. You may have to apply slight pressure to pull the bar from the retaining clips.
4. Remove the drivers side power steering cooler bracket. On V8 models, remove the engine cover and remove the engine air box and air intake to the throttle.
5. Mount the transmission cooler long bracket to the top of the oil cooler on the barbed side. Mount the short bracket to the bottom of the oil cooler as pictured below.

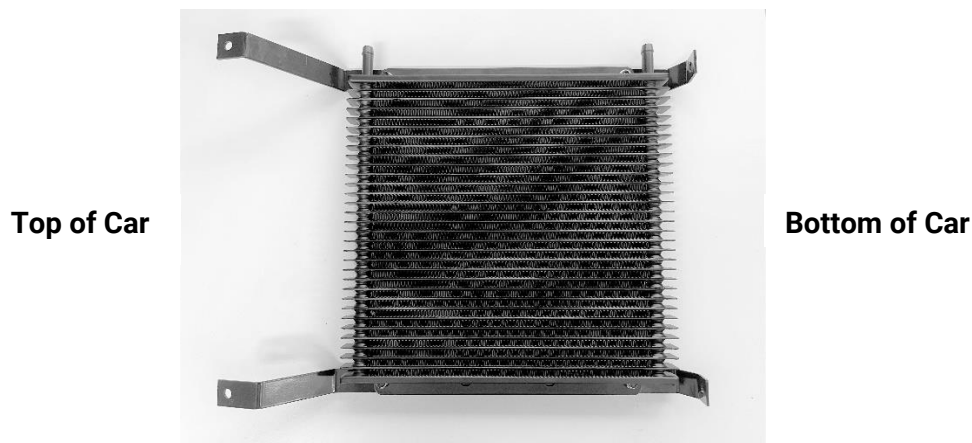


Figure 1: Oil Cooler Bracket Orientation

6. From the top grille opening, lower the transmission oil cooler core into place offset to the drivers side, with the outlets pointing to the passenger side of the vehicle.
7. Line up the left hand side bracket with the existing hole furthest towards the driver side. Drill a 6mm hole in the opposite top mount bracket and secure with the provided M6 bolts and nylon nuts.
8. With the top of the oil cooler now secured, proceed to drill 2x more 6mm holes into the bottom panel so they align with the bottom bracket feet. Secure this bracket to the vehicle with the provided M6 bolts and nuts.
9. On the rear side of the radiator, loosen the bottom transmission pipe and catch any oil lost in the process. Remove the sealing washer from the end of this pipe.
10. Place this sealing washer over the end of the male hose adapter and fit this adapter to the bottom transmission fitting in the radiator.
11. Connect this fitting to the bottom outlet of the oil transmission cooler with the 850mm long rubber hose and secure with the provided 2x 3/8" hose clamps.
12. Secure the female adapter to the end of the factory transmission pipe. Connect this to the top outlet of the oil cooler with the 700mm rubber hose and 3/8" hose clamps.
13. Tighten all connections and carry out a final inspection. Refit all components previously removed. Start the engine and inspect the system for any leaks.