

Performance Transmission Cooler Bar and Plate

(124062106)
2006-2010 GM Allison

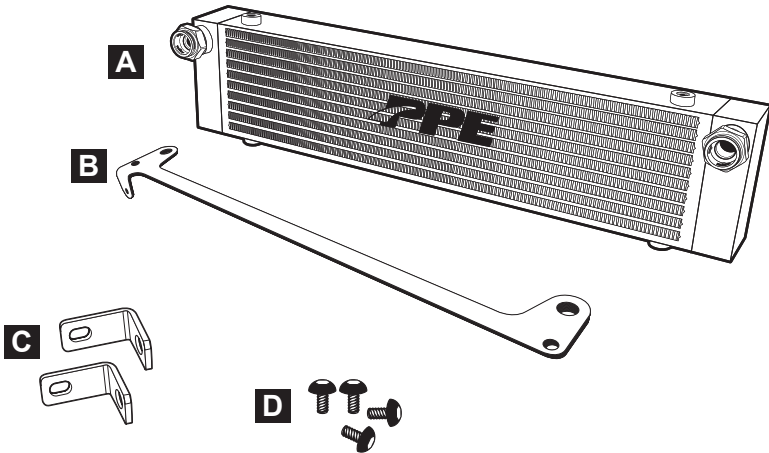
Installation Guide

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:

- 1 (A) Transmission Cooler
- 1 (B) Bottom bracket
- 2 (C) Top brackets
- 4 (D) Allen button-head bolts

TOOLS NEEDED:

- 1/4" or 3/8" ratchet
- 6" to 8" extension
- 10mm socket
- 7/16" socket and 7/16" combination wrench
- Flathead screwdriver (in some cases)

BEFORE BEGINNING:

Make sure vehicle is off and engine is cool.

**STEP 1**

Remove retaining clips and radiator cover.

**STEP 2**

Remove radiator cover.

**STEP 3**

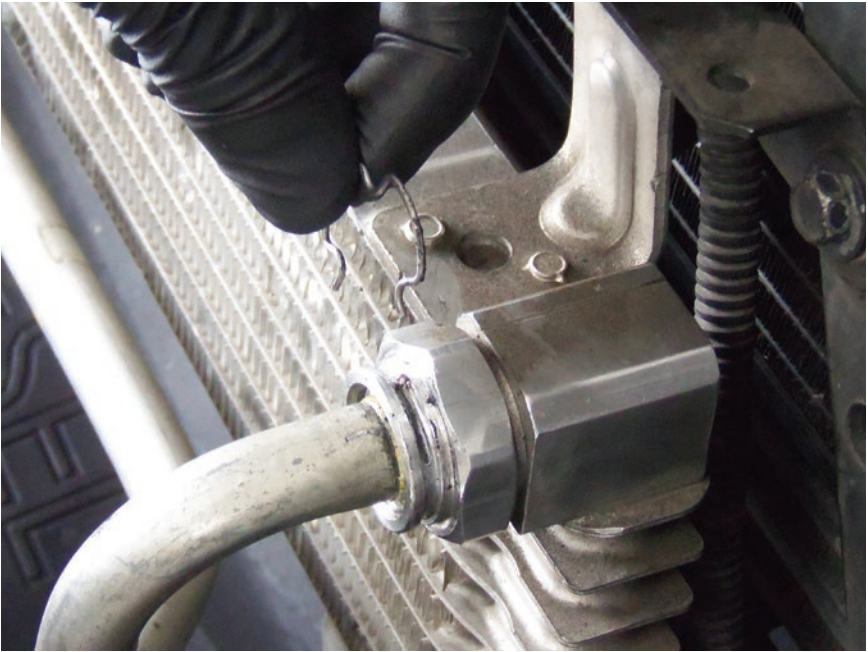
Remove the front grill bolts.

**STEP 4**

Pull grill clips.

**STEP 5**

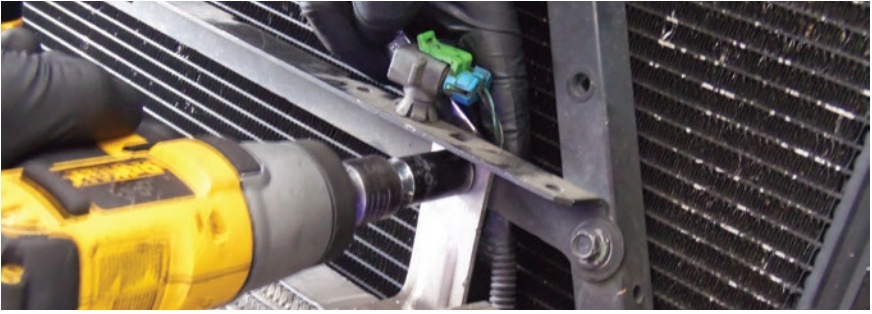
Remove grill.

**STEP 6**

Remove the retaining clips and oil lines. Place towels or a collection container below fitting to catch fluid.

**STEP 7**

Pull out oil lines.



STEP 8

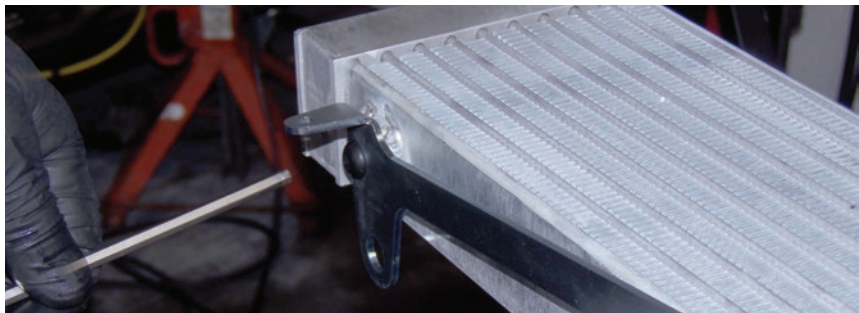
Remove bracket bolts and stock cooler. Save factory bracket bolts and clips and factory-installed rubber fittings located on the underside of the factory transmission cooler for later reinstallation.

NOTE:

First year LMM 2007.5 models require modification to the Trans Cooler Bracket. Trim approximately 3/4 inch to allow the larger PPE Transmission Cooler to fit.



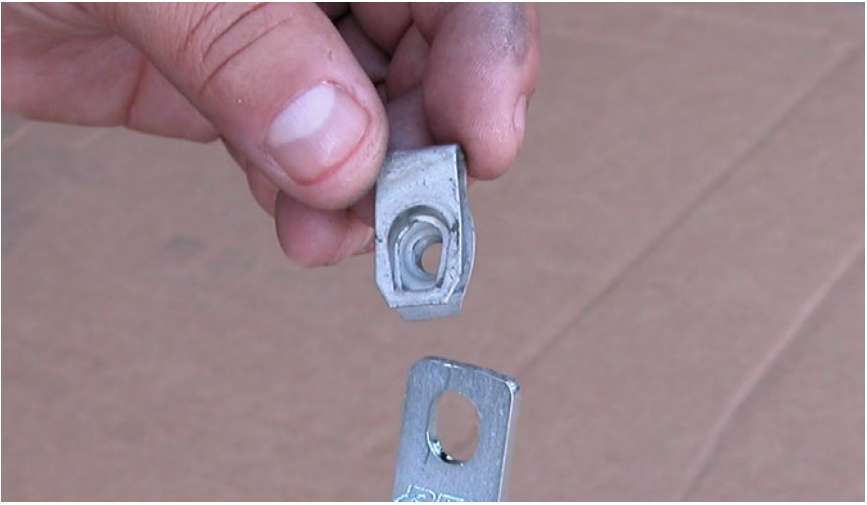
De-burr edge to finish.



STEP 9

Lower Bracket is oriented so tab is front-facing, on the passenger side of the Cooler. Install lower bracket (B) using hardware (D).

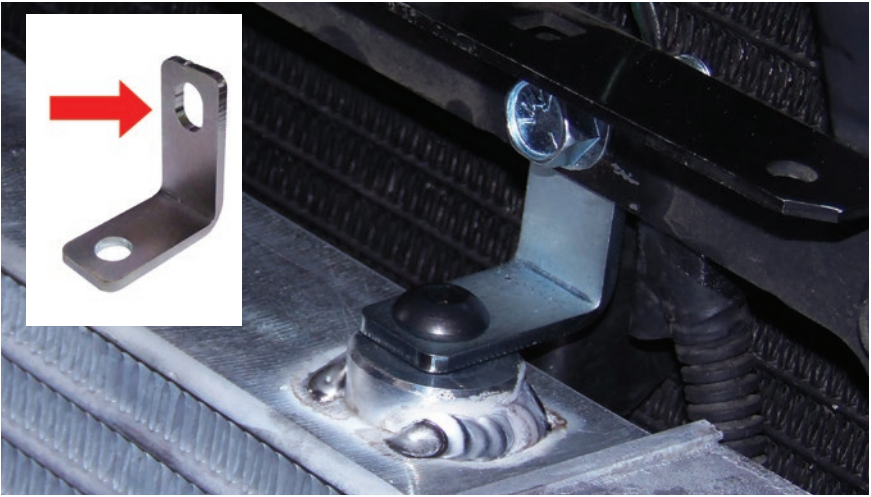
NOTE: The brackets are shipped installed but need to be re-installed as shown to fit properly.

**STEP 10**

Install both saved factory clips on the oval end of the top brackets (C).

**STEP 11**

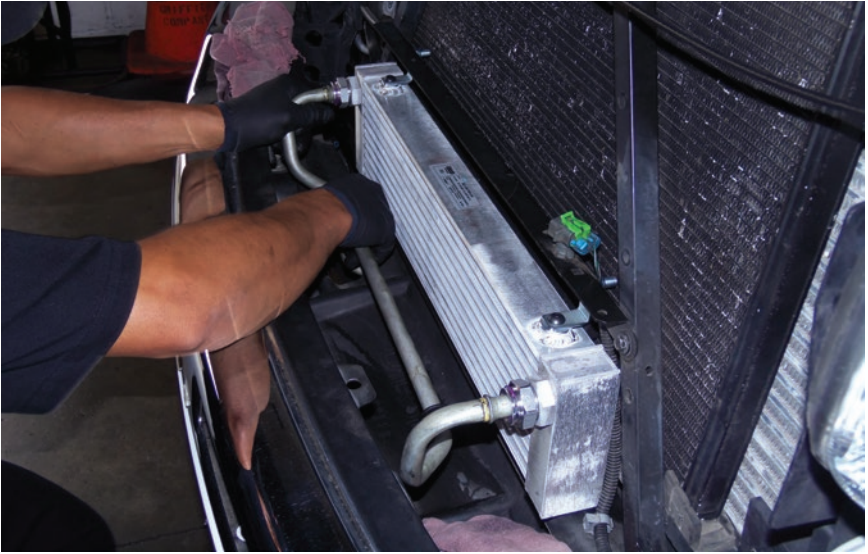
Install saved factory rubber fittings into each side of the bottom bracket (B) holes.

**STEP 12**

With the factory clips installed, orient the oval hole to the top. Install top brackets (C) to the Cooler using allen button-head bolts (D). Reuse factory bolts to fasten top brackets (C) to the factory transmission cooler bracket.

**STEP 13**

Secure cooler lines into the rubber holder. Secure rubber holder into bottom bracket (B) hole.



STEP 14

Snap-in and secure both cooler lines.



STEP 15

Slide the black retainers into position on both sides.

STEP 16

Start engine. Check fluid level. Fill as needed.
Check for leaks.
Install bumper, grill and cover.

Installation complete.