

## Lingenfelter GM Gen III & IV V8 Oil Cooler Adapter Block Kit



**PN: L300025297**

### Parts List

#	Part number	Description
1	XX09416-0005-E	LPE -10 AN (JIC) oil cooler adapter block
1	MKGM12x1.5	M12 x 1.5 magnetic oil pan drain plug bolt & crush washer
1	593202	1/8 NPT plug
2	M6X35SHCS	stainless oil cooler adapter block bolt, M6 x 1.0 x 35
1	15203889	oil cooler adapter gasket
1	L920010000	LPE decal
1		instructions

### Optional Items (contact LPE or your LPE distributor)

- oil cooler (heat exchanger)
  - 20 row, 16" x 6", PN: SET-920M22I
  - 13 row, 13" x 4", PN: SET-613M22I
- oil cooler mounting bracket
- oil cooler lines & fittings
- -10 line oil cooler thermostat
  - MOC-10AN, 180 degree thermostat
  - MOC-10ANHT, 200 degree thermostat
- 1/8" NPT fitting (for turbocharger and supercharger oil feed applications)
- turbocharger oil feed line restrictor and filter assembly (for turbocharger oil feed applications)
- oil temperature sensor, PN 15326388 or AC Delco 213-953 (if you are adding an oil temperature sensor to applications that don't already have one or if adding an additional temperature sensor)

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## PERFORMANCE ENGINEERING

### Tools and Materials Needed

- thread sealing compound (Loctite Pro Lock™ tight® anaerobic gel, part # 51604 or 51642, or equivalent)
- 5 mm Allen wrench/socket adapter
- 16 mm socket or wrench
- 3/16" Allen wrench or Allen wrench/socket adapter
- ratchet wrench
- torque wrench

### Fits the following GM vehicles:

- 1997-2004 C5 Corvette
- 2005-2009 C6 Corvette
- 2004-2006 Cadillac CTS-V
- 1998-2002 LS1 Camaro and Firebird
- 1999-2007 4.8, 5.3, 6.0 & 6.2L GM CK trucks
- **Note:** does **NOT** fit 2004-2006 Pontiac GTO
- Cast iron GM Performance Parts LSX block may require block and/or adapter clearance machining.



### Installation Instructions:

Clean the block mounting surface area and then install the supplied gasket and oil cooler adapter block. Install the oil cooler adapter bolts and tighten the bolts to 106 in-lbs (12 Nm).

Use thread sealing compound on the sensor or sensor plug threads along with the adapter block bolt threads. If you are using this adapter on a vehicle that does not have an oil temperature sensor or has the sensor mounted elsewhere, then you should plug the oil temperature sensor port with the supplied M12 plug and crush washer. If you are not using this adapter to supply oil to a turbocharger, supercharger or other application then you should plug the 1/8" NPT port with the supplied fitting.

The oil temperature sensor port plug can be used to add an oil temperature sensor to vehicles that don't already have an oil temperature sensor and gauge. The temperature reading at this location will be the engine out (pre-oil cooler) temperature.

**Note** - the oil cooler adapter is after the factory pan mounted oil filter in the production oil circuit so oil going out to the oil cooler is filtered oil.

This oil cooler adapter is designed to be used with an external oil cooler. If you are not using an external oil cooler LPE offers an adapter block kit with oil supply and sensor fittings that does not have the external oil cooler lines (LPE part # L300015297).

**WARNING:** You can NOT plug the -10 oil lines on this adapter and run the engine. This adapter does NOT have an internal bypass passage inside of it. You **must** connect the -10 lines to an oil cooler or loop the lines back to the other port on the adapter or your engine will not have proper oil pressure and will be damaged.

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