



INSTALLATION INSTRUCTIONS

ELECTRA-COOL TRANSMISSION COOLER KIT

PART # 15900

Please read these instructions completely before starting the installation.

KIT CONTENTS

| QTY. DESCRIPTION | QTY. DESCRIPTION |
|---------------------------------------|---------------------------|
| 1 Oil Cooler Assembly | 4 Hose Clamp |
| 1 -8AN Male x 1/2" Barb Fitting | 4 1/4"-20 x 1" Hex Bolt |
| 3 -8AN Female x 1/2" Barb Fitting | 8 1/4" Washer |
| 10ft 1/2" OEM Spec Hose | 4 1/4"-20 Lock Nut |
| 2 1/2" Compression Fitting | 4 6" Zip Ties |
| 2 1/2" NPT Female x 1/2" Barb Fitting | 1 #10 Blue Ring Terminal |
| 1 Thermostat Switch | 2 Blue Female Connector |
| 1 In-line Thermostat Fitting | 1 Blue Wire Tap Connector |

TOOLS NEEDED

| | |
|------------------------|------------------------|
| Standard Screw Driver | 7/16" Socket & Ratchet |
| or 5/16" Nut Driver | Teflon Tape |
| 15/16" Open End Wrench | Dyke Pliers |
| 13/16" Open End Wrench | Razor Knife |
| 3/4" Open End Wrench | Marker |
| 7/8" Open End Wrench | Tubing Cutter |

IMPORTANT

Always use backup wrenches when tightening fittings. The AN fittings supplied in this kit do not require any thread sealant. (See Diagram #1)

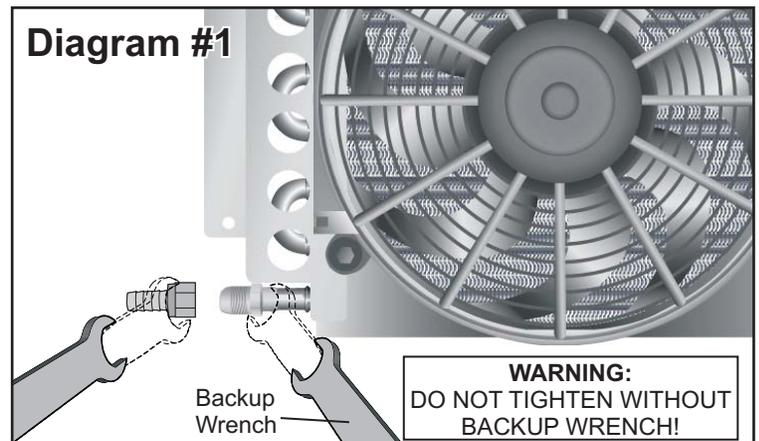
COOLER LOCATION

The purpose of a remote mount cooler is to be able to mount the cooler away from the front of the vehicle therefore not blocking airflow to the radiator/condenser.

This cooler can be mounted anywhere space permits. Always keep in mind that the cooler still needs access to airflow to perform at its peak.

COOLER INSTALLATION

1. Hold the Oil Cooler Assembly in the desired location.
2. Using a marker, mark the four hole locations.
3. Using a drill and 9/32" drill bit, drill the four mounting holes.
4. Identify the 1/4"-20 x 1" Bolts, 1/4" Washers & 1/4" Lock Nuts supplied and attach the Oil Cooler Assembly.



IN-LINE THERMOSTAT INSTALLATION

Mounting Location

The recommended location for the In-line Thermostat Fitting is on the INLET side of the oil cooler, so the oil line that provides the cooler fluid from the transmission.

Warning: Always use two wrenches when tightening the In-line Thermostat Fitting to the oil cooler; failure to use a back up wrench could cause damage to the cooler core.

There are two options for installing the In-Line Thermostat.

1. Cooler inlet installation (See Diagram #2)

The In-line Thermostat Fitting is provided with a -8AN male and female threads.

- a) Attach the In-line Thermostat Fitting onto the INLET fitting on the oil cooler.
- b) Using Loctite or suitable sealant, carefully HAND TIGHTEN ONLY the Thermostat Switch clockwise onto the In-line Thermostat Fitting.

Warning: Do not use a wrench or damage to the Thermostat Switch could occur.

2. Hose installation (See Diagram #3)

The kit provides two brass fittings that are only used with this option. They are designed to adapt the AN fittings to hose barsbs.

- a) Using the -8AN Male x 1/2" Barb Fitting provided, attach the fitting to the female side of the In-line Thermostat Fitting.
- b) Using the -8AN Female x 1/2" Hose Barb Fitting provided, attach the fitting to the inlet on the cooler.
- c) Using the OEM Spec Hose and Hose Clamps provided, cut the hose to the desired length and attach one end of the hose to the oil cooler inlet and the other to the In-line Thermostat.
- d) Using Loctite or suitable sealant, carefully HAND TIGHTEN ONLY the Thermostat Switch clockwise onto the In-line Thermostat Fitting.

Warning: Do not use a wrench or damage to the Thermostat Switch could occur.

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