



INSTALLATION INSTRUCTIONS

ATOMIC-COOL TRANSMISSION COOLER KIT

PART # 13950

Please read these instructions completely before starting the installation.

KIT CONTENTS

QTY. DESCRIPTION	QTY. DESCRIPTION
1 Oil Cooler Assembly	1 In-line Thermostat Fitting
2 -6AN x 5/8" Male Adapter	4 Hose Clamp
1 -6AN Male x 3/8" Barb Fitting	4 1/4"-20 x 1" Hex Bolt
3 -6AN Female x 3/8" Barb Fitting	4 1/4" Washer
10ft OEM Spec Hose	4 1/4"-20 Lock Nut
2 3/8" Compression Fitting	4 6" Zip Ties
2 5/16" Compression Fitting	1 #10 Blue Ring Terminal
2 3/8" NPT Female x 3/8" Barb Fitting	2 Blue Female Connector
1 Thermostat Switch	1 Blue Wire Tap Connector

TOOLS NEEDED

Standard Screw Driver	1 1/8" Open End Wrench
or 5/16" Nut Driver	Thread Sealant Tape
7/16" Socket & Ratchet	Dyke Pliers
5/8" Open End Wrench	Razor Knife
11/16" Open End Wrench	Marker
3/4" 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.

COOLER LOCATION

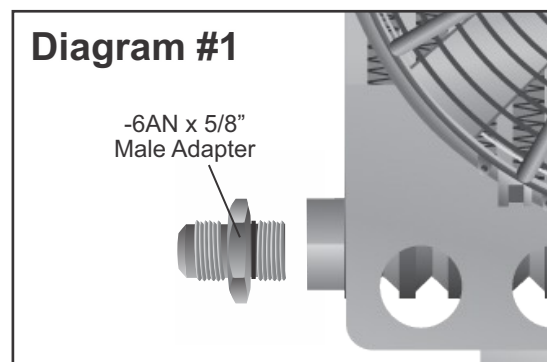
The purpose of a remote mount cooler is to be able to mount the cooler away from the front of the vehicle therefore not blocking airflow to the radiator/condenser. This cooler can be mounted anywhere space permits. Always keep in mind that the cooler still needs access to airflow to perform at its peak.

COOLER INSTALLATION

1. Identify the two -6AN x 5/8" Male Adapters.
 2. Install the fittings onto the cooler with the o-ring side toward the cooler.
- Note:** Thread sealant is not necessary on o-ring fittings.
3. Using a 1 1/8" Open End Wrench, tighten fittings.
 4. Hold the Oil Cooler Assembly in the desired location.
 5. Using a marker, mark the four hole locations.
 6. Using a drill and 9/32" drill bit, drill the four mounting holes.
 7. Identify the 1/4"-20 x 1" Bolts, 1/4" Washers & 1/4" Lock Nuts supplied and attach the Oil Cooler Assembly.

Diagram #1

-6AN x 5/8"
Male Adapter



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 -6AN male and female threads.

- a) Attach the In-line Thermostat Fitting onto the INLET fitting on the oil cooler.
- b) Install thermostat switch into the adapter fitting, we recommend using a small dab of liquid thread sealer. DO NOT USE thread sealant tape or dielectric grease as they block heat transfer. TIGHTEN THE SENSOR BY HAND ONLY. Overtightening with any tools may break the sensor and WILL VOID THE WARRANTY.

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 barbs.

- a) Using the -6AN Male x 3/8" Barb Fitting provided, attach the fitting to the female side of the In-line Thermostat Fitting.
- b) Using the -6AN Female x 3/8" Hose Barb Fitting provided, attach the fitting to the Male Adapter now installed 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) Install thermostat switch into the adapter fitting, we recommend using a small dab of liquid thread sealer. DO NOT USE thread sealant tape or dielectric grease as they block heat transfer. TIGHTEN THE SENSOR BY HAND ONLY. Overtightening with any tools may break the sensor and WILL VOID THE WARRANTY.

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Diagram #2

In-Line
Thermostat
Fitting

Inlet

Thermostat
Switch

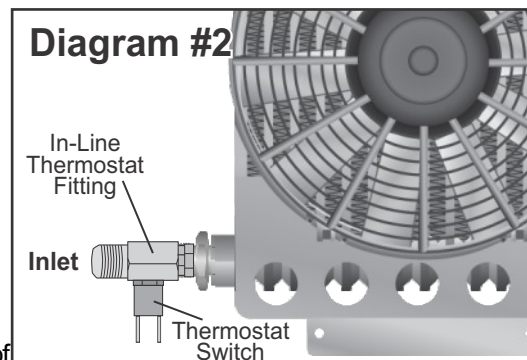


Diagram #3

In-Line
Thermostat
Fitting

Hose

Hose Clamps

Thermostat Switch

