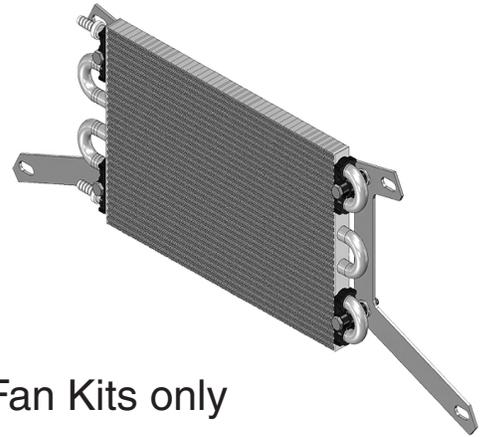




Flex-a-Fit[®]
ALUMINUM RADIATORS



COOLER KIT -

GM Truck / SUV 1999 - 2012

Part #4118GMT & 41186GMT

Use with #57291 & #57001 Rad. / Fan Kits only

“Auxiliary transmission cooler” - Automatic Transmission Only

Note: Always read instructions and verify kit contents prior to installation.

Cooler	1 ea.
Brackets, Cooler Mounting	2 ea.
Rubber Hose @ 4ft.....	2 ea.
(Hose Not Included With 41186GMT)	
Instruction Sheet	1 ea.
Flex-a-lite Decal.....	1 ea.
*Hardware Kit	1 ea.

*** Hardware Kit Includes:**

bolt hex head 1/4-20 x 2”(4ea), nut nylock 1/4-20 (5ea), flat washer 1/4” I.D. (12ea), gatorclip 1/2” (8ea), worm drive hose clamp (6ea), nylon tie straps (6ea), plastic spacer (4ea), screw PH 1/4-20 x 1/2” (1ea), bracket for temp sensor (1ea), self tapping bolts (2ea), barbed reduction coupler (2ea)

INSTALLATION INSTRUCTIONS

*Note: To view these instructions or to view a video of this product installation, visit www.flex-a-lite.com or call 1-800-851-1510 for assistance. It is **HIGHLY** recommended to read and review these instructions prior to installation.*

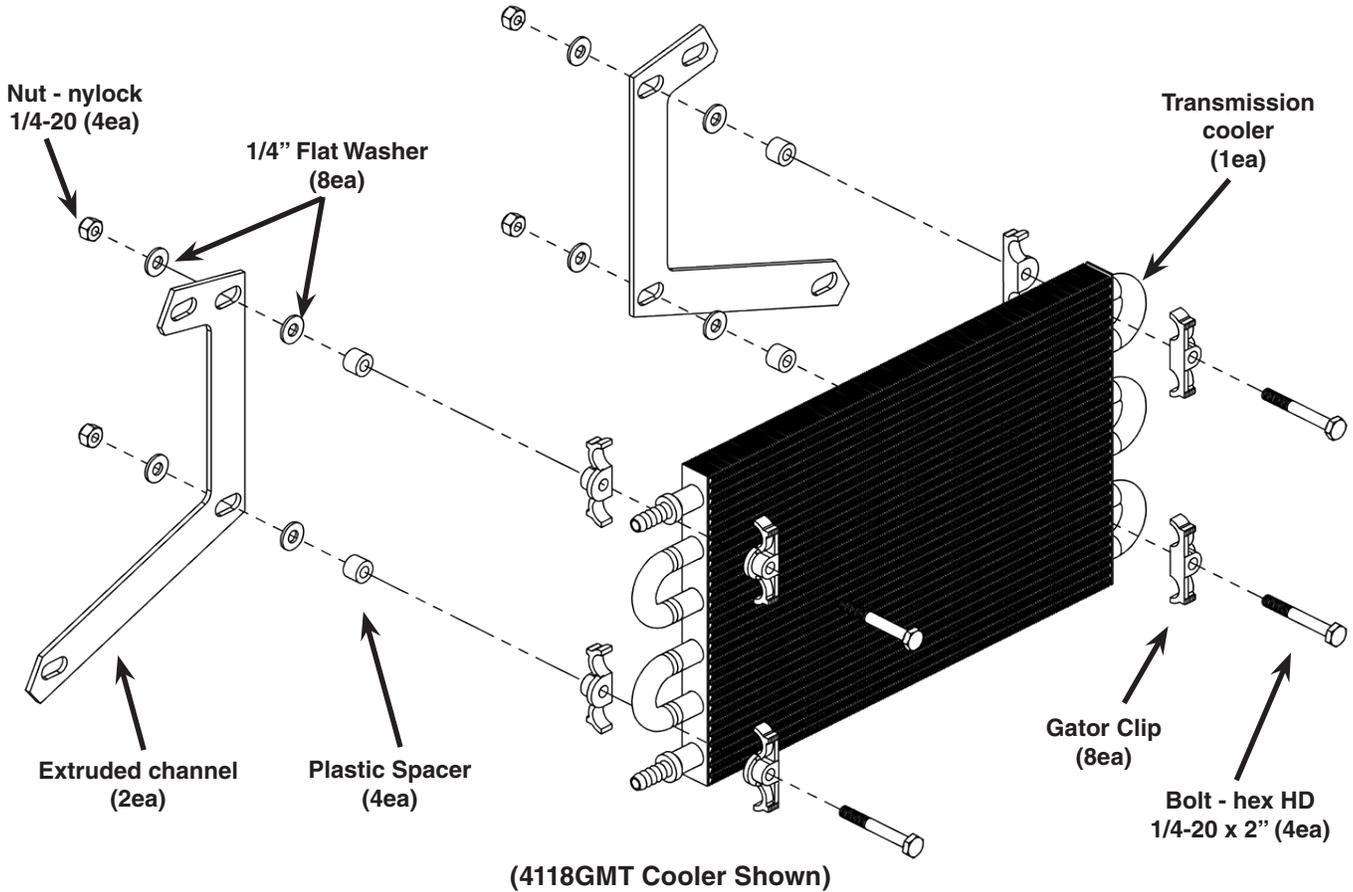
BE SURE THE ENGINE IS COOL BEFORE PROCEEDING!

1. Start work on vehicle by removing the factory grill to expose the front side of the A/C condenser area. This consists of twist-lock fasteners (4ea - 2 top and 2 bottom) turning counter-clockwise about 45 deg. to release. There is one bolt by the hood latch in the center. When these are loose, the grill has some snap clips (2ea - 1 right and 1 left side) out by the head lamps that can be “gently” pulled out to remove. The grill should come off in one piece. Note: this removal process works with the early generation. You may need to consult your maintenance manual for newer vehicles.
2. Remove existing cooler (if applicable): Because the existing cooler is designed to run through the radiator tank for additional cooling, there is no longer a place to connect the transmission coolant lines. The replacement Flex-a-lite cooler 4118GMT is a higher capacity direct transmission cooler that will better meet your transmissions’ cooling needs and improve its life expectancy.
3. Disconnect the tubes from the OEM cooler by pulling out the retaining “C” clips with a pick or small flat-head screwdriver and remove the oil lines. Keep a drainage container and rags handy as the factory cooler still contains fluid.
4. Remove all the bolts holding the transmission cooler and existing brackets. Retain the factory bolts for later installation.
5. Temperature sensor: There is an ambient sensor that “may” be located on the driver’s side of the cooler. Unbolt but do not remove. Finish removing the cooler.

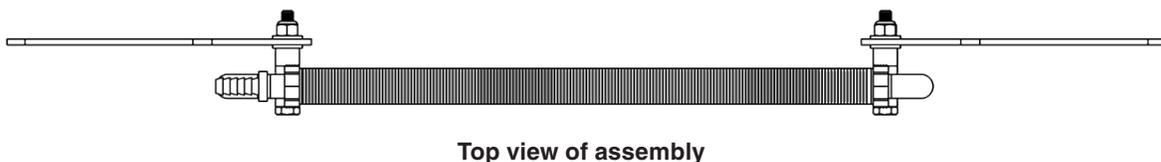
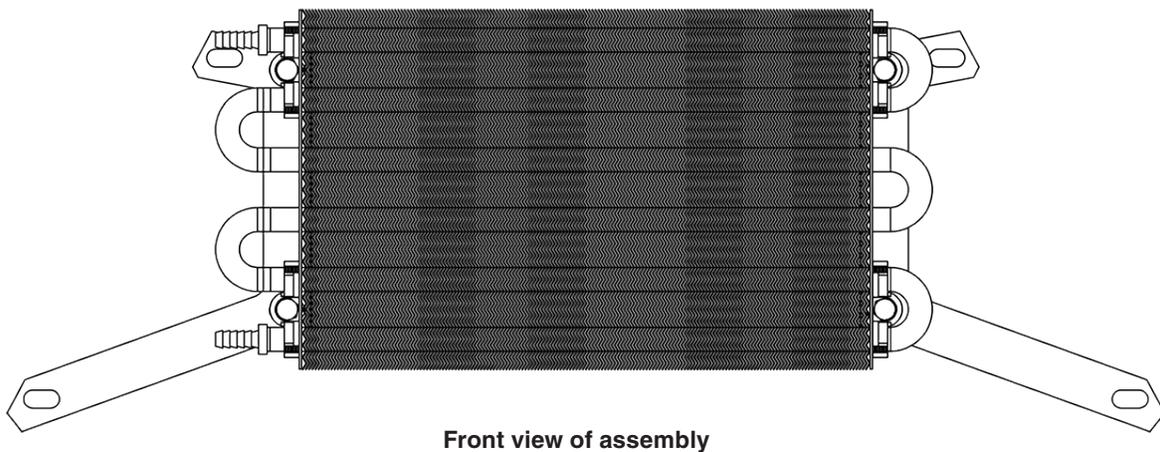
Installation instructions continued from previous page

6. Assemble the cooler / bracket assembly utilizing hex bolts 1/4-20 x 2" (4ea), gator clips (8ea), plastic spacer (4ea), 1/4" flat washer (8ea), cooler mounting bracket (2ea) and nylock nut 1/4-20 (4ea). Attach brackets to cooler as shown below.

"Cooler / Bracket Exploded Assembly"

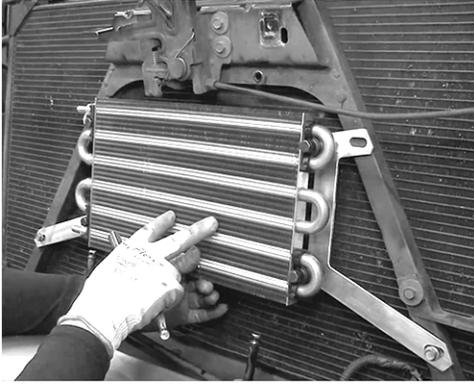


"Complete Cooler / Bracket assembly"



Installation instructions continued from previous page

7. Mount the cooler / bracket assembly into place at the lower factory mounting locations with the previously removed factory bolts. (see **Detail A**)
8. Mounting the upper portion, some models may require drilling a 7/32" hole into the support and using the provided self-tapping screws to mount. *Note: Caution!! Do not go ALL the way thru the cooler support; this could damage the A/C condenser. If this is not required, use the factory bolts for installation.* (see **Detail B**)



Detail A

Insert bolts at bottom of brackets while holding cooler assembly.



Detail B

If drilling of support is needed, use the top bracket slots as guides.

9. Re-Install temperature sensor: Use the bracket contained in the kit to sandwich between the bolt and the new cooler bracket in the lower driver's side. Attach the temp sensor with proper side facing the grill.
10. Connect cooler lines:
For 4118GMT: Splice into the factory lines coming from the transmission. Use the hoses, barbed reduction couplers (3/8" to 5/16" hose I.D.), and hose clamps provided in the kit to connect the lines to the new cooler.
For 41186GMT: Splice into the factory lines coming from the transmission. Attach line with 6AN female fitting (**Not Included**) to factory transmission lines using necessary hardware. Connect line to the new cooler.
Routing these lines to the passenger side is ideal. Trim hose length as necessary to provide clean fitment. Use provided nylon tie straps to secure routed hoses. Inspect hoses to be sure no rubbing occurs on sharp edges. **Note: BE SURE that all moving parts of the engine, cooling fan and transmission cooling line / hoses (where applicable) are clear of each other before proceeding!!**
11. We suggest following the vehicle manufacture's recommended transmission fluid level checking and filling procedure before operating the vehicle on the road.

The Flex-a-lite Limited Warranty

Flex-a-lite Consolidated, 7009-45th St. Ct. E. Fife, WA 98424, Telephone No. 253-922-2700, warrants to the original purchasing user, that all Flex-a-lite products to be free of defects in material and workmanship for a period of 365 days (**1 year**) from date of purchase. Flex-a-lite products failing within 365 days (**1 year**) from date of purchase may be returned to the factory through the point of purchase, transportation charges prepaid. If, on inspection, cause of failure is determined to be defective material or workmanship and not by misuse, accidental or improper installation, Flex-a-lite will replace the product free of charge, transportation prepaid. **Flex-a-lite will not be liable for incidental, progressive or consequential damages.** Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights and you may have other rights, which vary from state to state. The Flex-a-lite warranty is in compliance with the Magnuson-Moss Warranty Act of 1975.