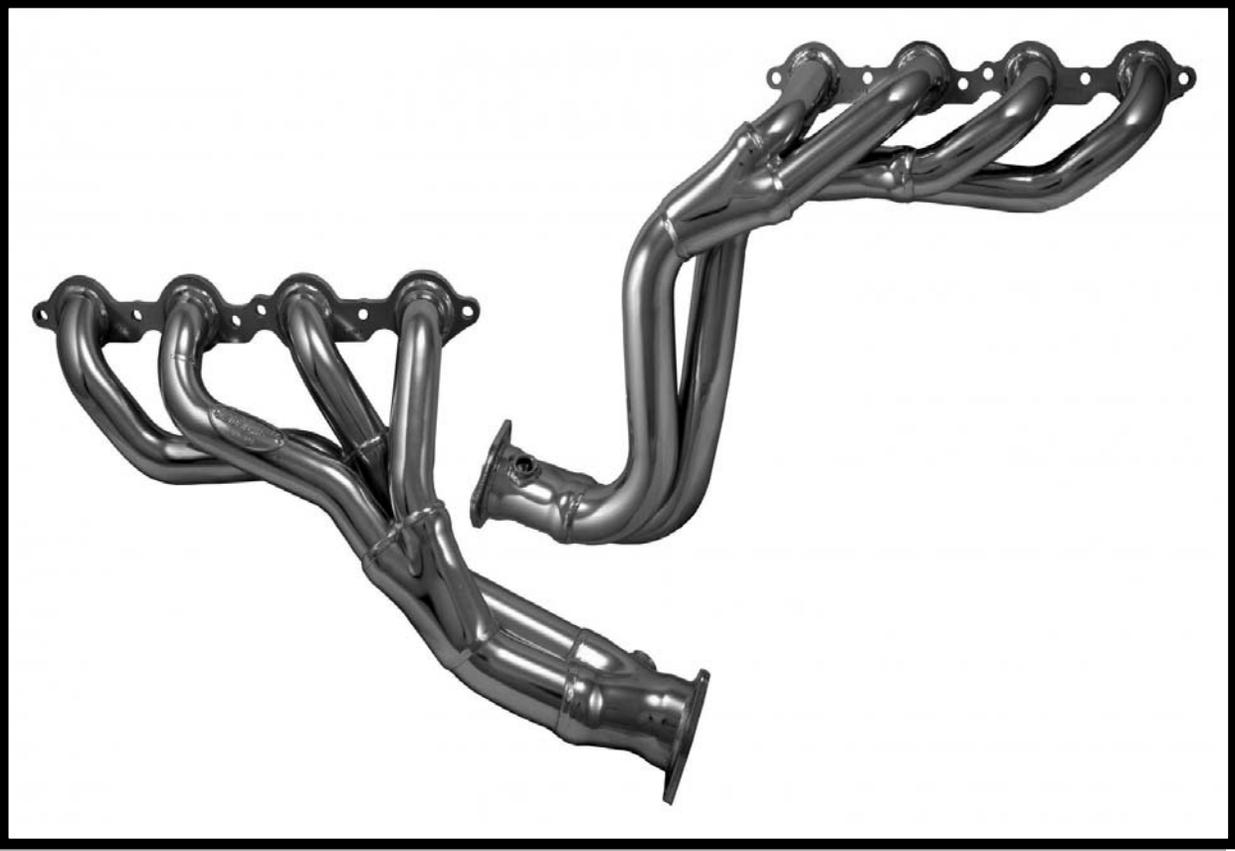


1999-2012 CHEVY/GM TRUCK/SUV, 4.8L-6.2L, 2/4WD



PARTS INCLUDED

Ref.	Part Number	Description	Qty
1)	00-901-02107	Driver Side Header Assembly	1
2)	00-901-00666	Passenger Side Header Assembly	1
3)	00-901-02108	Main Y-Pipe Assembly	1
4)	00-901-02109	Passenger Side Y-Pipe Extension Assembly	1
5)	07-31-37496	Donut Gasket, 2-1/2"	2
6)	05-31-46378	Crossmember Mounting Bracket	1
7)	07-15-46379	Rubber Isolator Strip	1
8)	01-10061612-2-27	Cap Screw, Hex Head, 3/8-16x1-1/2"	2
9)	01-10061614-2-27	Cap Screw, Hex Head, 3/8-16x1-3/4"	6
10)	01-310616-27	Hex Nut, 3/8-16	6
11)	01-4106-27	Flat Washer, 3/8"	14
13)	07-38-HPC350BP	Muffler Clamp, 2-1/2"	1

THY-310Y-1-C

(RACE ONLY) TRI-Y HEADER SYSTEM

1999-2012 CHEVY/GM TRUCK/SUV,
4.8L-6.2L, 2/4WD

TOOLS REQUIRED

Ref.	Description	Ref.	Description
1)	3/8" Drive Ratchet and Extensions	5)	8mm, 10mm, 12mm, 14mm Wrenches
2)	7/8" Box wrench or O2 Sensor Socket	6)	WD40 or Equivlant
3)	9/16" Box Wrench and Socket		
4)	8mm, 10mm, 12mm, 14mm Sockets		

WARRANTY NOTES

- 1) The utmost care is taken at Thorley Headers to maintain the highest standards of quality. However, Thorley Headers cannot control the installation of the product. For this reason, the Thorley Headers warranty covers only the replacement of the components - not the labor for the installation.
- 2) The use of any type of "header wrapping" voids the warranty. Using any sort of wrapping material on the headers destroys the tubing's ability to dissipate heat, causing very rapid deterioration of the metal and the subsequent failure of the headers.
- 3) The chrome plating applied to all Thorley headers is a high-nickel chrome finish applied to retard corrosion. This is a "heat" chrome to preserve the metal. This finish is not "show chrome" intended for the sake of appearance. This high-nickel chrome turns colors and approaches black as it cooks into the metal. The brilliance of the chrome finish is not covered under the warranty. Contamination of the surface by foreign substances may produce other color patterns. This can be prevented by routine cleaning.
- 4) Retain all paperwork pertaining to the purchase of your Thorley product. Save your receipt!
Your limited warranty is not valid without a receipt of purchase.

LEGALITY NOTE

The installation of headers onto any vehicle must be performed in accordance with all governmental regulations that might pertain to the particular vehicle receiving the headers. Please call your Thorley Headers distributor if there are any questions regarding the legality of the installation. **These headers are not legal for sale or use on pollution controlled vehicles and are intended for RACE use only.**

THY-310Y-1-C

(RACE ONLY) TRI-Y HEADER SYSTEM

**1999-2012 CHEVY/GM TRUCK/SUV,
4.8L-6.2L, 2/4WD**

INSTALLATION NOTES

- 1) It is important that you read the entire instruction sheet before initiating any installation.
- 2) Due to restricted room in the engine compartment, your headers may come close to certain body and chassis components. This is normal for an installation of this type. However, a careful inspection must be completed to insure that the distances and placement are reasonable and logical, especially with regard to electrical, fuel, and brake components.
- 3) Because of car-to-car variations, Thorley Headers strongly recommends that these headers be installed by a competent exhaust shop that has welding and fabrication capabilities.

DISASSEMBLY INSTRUCTIONS

- 1) Disconnect battery terminals.
- 2) Coat all hardware down with WD-40 or equivalent.
- 3) Remove the air cleaner and air cleaner ducting. It is recommended that the carburetor/throttle body air intake be covered to prevent foreign objects from entering the engine.
- 4) Note the locations of the spark plug wires.
- 5) Disconnect the spark plug wires by grasping and gently twisting the spark plug wire boots. Do not pull on the wires.
- 6) Remove the spark plugs.
- 7) Remove the oil dipstick tube bracket bolt. Unplug any temperature sensor wiring that may be associated with the spark plug wiring. Then rem
- 8) Disconnect the oxygen sensor wiring from the vehicle's wiring harness at the connector, and remove the wiring from any retention clips that may be present. (Note: Failure to disconnect the oxygen sensor wiring so that it is free to rotate with the oxygen sensor can seriously damage the oxygen sensor.) Remove the oxygen sensor.
- 9) Remove and retain the formed clamp on the headpipe located in front of the muffler.
- 10) Remove the stock exhaust manifolds and y-pipe (NOTE: Retain stock hardware, it will be used with new headers).

THY-310Y-1-C

(RACE ONLY) TRI-Y HEADER SYSTEM

**1999-2012 CHEVY/GM TRUCK/SUV,
4.8L-6.2L, 2/4WD**

INSTALLATION NOTES

- 1) Clean all traces of carbon deposits from the cylinder head exhaust port surfaces.
- 2) Because of the use of loc-tite on the factory hardware, it is advisable that you chase the threads on the cylinder head to reduce the risk galling or stripping the bolt holes.
- 3) With the factory manifold gaskets in place, install both headers from the bottom. Using the factory bolts loosely attach the header to the cylinder head.
- 4) Install the supplied donut gaskets into the headers. Install the Y-pipe assembly to the headers using the supplied 3/8-16x1-3/4" hex head bolts, nuts and washers. Place the supplied muffler clamp over the slip-fit connection. Do not fully tighten at this time.
- 5) Locate the bolts on the back side of the cross member. Loosen the two bolts and slide the slotted bracket between the bolts and cross member. Insert the rubber isolator strip between the slotted bracket and the bracket on the y-pipe. Attach the two using the supplied 3/8-16x1-1/2" bolts, nuts, washers, and split lock washers. (See Figure #1)
- 6) Re-install the formed clamp over the y-pipe and headpipe connection.
- 7) Reinstall the O2 sensors. Make sure that the front O2 sensors are going to the forward most bungs on the headers and the rear to the rear bungs. Route wiring in manner that will not make contact with the headers or y-pipe.
- 8) Starting with the center out, torque all header bolts to factory specifications.
- 9) Tighten the three bolts at header collectors, the bolts on the y-pipe mounting bracket, formed headpipe clamp, and muffler clamp on the y-pipe in that order.
- 10) Reinstall the spark plugs, spark plug wires and air cleaner ducting.
- 11) Reinstall dip stick tube and dipstick.
- 12) Reconnect battery and double check for any possible clearance issues between components and the headers.
- 13) Start engine and check for leaks. Re-torque all hardware after approximately 20 minutes of operation.

