

**1967-72 CHEVROLET PICKUP TRUCK / SUBURBAN
4.8L-6.2L (LS ENGINE SWAP, 1-5/8" PRIMARIES), 2WD/4WD, MANUAL/AUTOMATIC**



LEGALITY NOTES

The installation of exhaust headers onto any vehicle must be performed in accordance with all governmental regulations that pertain to the particular vehicle receiving the headers. Please call your Doug Thorley Headers distributor if there are any questions regarding the legality of the installation.

THY-324Y-C

TRI-Y HEADER SYSTEM

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PARTS INCLUDED

Ref.	Part Number	Description	Qty
1)	00-901-01040	Driver Side Header Assembly	1
2)	00-901-01041	Passenger Side Header Assembly	1
3)	00-901-00122	Header Adapter (3.0" : 2.5")	2
4)	07-31-36683	Header Flange Gasket	2
5)	07-31-36306	3-Bolt Flange Gasket, 3"	2
6)	01-5308125025-27	Hex Flange Head Bolt, M8-1.25x25mm	12
7)	01-10061610-27	Hex Head Bolt, 3/8-16x1-1/4"	6
8)	01-310616-27	Hex Nut, 3/8-16	6
9)	01-4006-27	Flat Washer, 3/8"	6

TOOLS REQUIRED

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

WARRANTY NOTES

- 1) The utmost care is taken at Doug Thorley Headers ("DTH") to maintain the highest standards of quality. However, DTH cannot control the installation of the product. For this reason the warranty covers only the replacement of the components, it does not cover labor for the installation.
- 2) The use of any type of "header wrapping" immediately 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 composition of the metal and the subsequent failure of the headers.
- 3) Any chrome plating applied to DTH header components is a high-nickel chrome finish applied to retard corrosion. This is a commercial quality "heat" chrome designed to protect the metal from the environment only. This finish is not "show chrome" and is not intended for the sake of appearance. This high-nickel chrome will turn colors and approach black as it cooks into the metal. The initial 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 DTH product. Save your receipt!
Your limited warranty is not valid without a receipt of purchase.

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INSTALLATION NOTES

- 1) It is important that you read the entire instruction sheet before beginning 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 ensure 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, DTH strongly recommends that these headers be installed by an experienced installation shop that has welding and fabrication capabilities.

INSTALLATION PROCEDURE

NOTE: Due to the fact that these headers are for the use with an engine swap, in custom applications, these instructions are intended as a guideline only. The determination regarding the specific needs of removal and installation of specific vehicle components must be left up to the installer.

Your engine position will also greatly affect the way these headers fit and because of this, minor modifications/fabrication may be necessary to the header, vehicle or both.

This header requires that you use the following:

Classic Performance Products (CPP) swap kit:

1959-70 Chevrolet rubber engine mounts (available at your local auto supply)
CPP mounting plate kit (LS1-K125)
CPP frame stands (6372MP-T)
CPP transmission cross member (CP9427)

-OR-

Early Classic Enterprises swap kit:

Engine swap mount kit (911-GENIII)
Transmission cross member (912-6372ATXPC)

Aftermarket spark plug wires, preferably 45 or 90 degree boots at the spark plug may be necessary for adequate boot-to-header clearance.

MSD

#32819 (red) or MSD #32813 (black)

We have found that some replacement spark plug wires for the 2002-2005 Chevrolet trucks with 4.8-6.0L motor will also work.

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INSTALLATION PROCEDURE

Headers also require the use of an aftermarket dip stick. You will need one of the following:

Lokar

ED-5020 (LS series engines w/ passenger car style oil pan)

ED-5021 (LS series engines w/ truck style oil pan)

Lastly, headers will not work with factory column shift configuration. If you have a column shifter, you must source an aftermarket cable shift conversion (Lokar) or a linkage kit (Kugel).

- 1) Clean all traces of carbon from cylinder heads if necessary.
- 2) Install supplied header gaskets.
- 3) Install headers from the top.
- 4) Start all bolts on headers. We recommend the use of anti-seize with aluminum heads.
- 5) Starting with the center out, torque all header bolts to 20-25 ft. lbs.
- 6) Install o2 sensors into the fittings on the headers.
- 7) Check for any possible clearance issues between the frame, components, and the headers.
- 8) Start engine and check for leaks. Re-torque all hardware after approximately 20 minutes of operation.