



A DIVISION OF SUMMIT INDUSTRIES, INC.

THY-324Y-C TRY-Y HEADER

1967-72 CHEVORLET PICKUP TRUCK / SUBURBAN

4.8L-6.2L (LS ENGINE SWAP, 1-5/8" PRIMAIRES), 2WD/4WD, MANUAL/AUTOMATIC



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 Doug Thorley Headers distributor if there are any questions regarding the legality of the installation. **There is no Executive Order ("E.O.") number for this part.**

WARRANTY NOTES

The utmost care is taken at Doug Thorley Headers to maintain the highest standards of quality. However, Doug Thorley Headers cannot control the installation of the product. For this reason, the Doug Thorley Headers warranty covers only the replacement of the components, not the labor for the installation.

- 1. 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.*
- 2. Retain all paperwork pertaining to the purchase of your Doug Thorley Headers product. Save your receipt, your limited life time warranty is not valid without the original proof of purchase.*

THY-324Y-C TRY-Y HEADER

PARTS INCLUDED

- Driver Side Header Assembly (1)
- Passenger Side Header Assembly (1)
- Header Adapter (3.0" : 2.5") (2)
- Header Flange Gasket (2)
- 3-Bolt Flange Gasket, 3 (2)
- Hex Flange Head Bolt, M8-1.25x25mm (12)
- Hex Head Bolt, 3/8-16x1-1/4" (6)
- Hex Nut, 3/8-16 (6)
- Flat Washer, 3/8" (6)

TOOLS REQUIRED

- 3/8" Drive Ratchet and Extensions
- 7/8" Box wrench or O2 Sensor Socket
- 9/16" Box Wrench and Socket
- 8mm, 10mm, 12mm, 14mm Sockets
- 8mm, 10mm, 12mm, 14mm Wrenches
- WD40 or equivalent

INSTALLATION NOTES

1. It is important that you read the entire instruction sheet before initiating any installation.
2. Thorley headers are designed to fit only factory installed engine and transmission combinations. We cannot guarantee that Thorley headers will fit in the case of "engine swaps" or "transmission swaps".
3. 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.
4. Because of the requirement to raise the engine to facilitate header installation, the engine mounts should be carefully inspected at that point of the installation. It is highly recommended that questionable or deteriorated engine mounts be replaced during the installation of the headers. In some cases, the engine mounts need to be loosened and repositioned to provide optimum header clearance from some components.
5. 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.

INSTALLATION PROCEDURE NOTES

WARNING! – DO NOT RELY ON BUMPER JACKS OR CHASSIS JACKS FOR SUPPORT DURNING HEADER INSTALLATION. THE VEHICLE SHOULD BE RAISED AND SUPPORTED WITH JACKING EQUIPMENT AND JACKSTANDS OR RAMPS INTENEDED FOR UNDERCARRIAGE AUTO MAINTENANCE. IT IS EXTREMELY DANGEROUS TO WORK UNDER ANY IMPROPERLY RAISED AND/OR SUPPORTED VEHICLE.

WARNING! – MAKE CERTAIN THERE IS AMPLE CLEARANCE AROUND CLEARANCE AROUND COMPONENTS SUCH AS BRAKE LINES, BRAKE PROPORTIUNING VALVES, FUEL LINES, HOSES AND PUMPS, AND ELECTRICAL COMPANENETS AND WIRES. IN SOME CASES IT MAY BE NECESSARY TO RELOCATE ITEMS THAT MAY BE ADVERSELY AFFECTED BY EXHAUST SYSTEM HEAT.

INSTALLATION PROCEDURES (**NOTE:** THESE PROCEDURES ARE DOCUMENTED ON FACOTRY STANDARD-EQUIPPED VEHICLES WITH ORIGINAL CONFIGURATION COMPLIANCE. **ANY** MODIFICATION OF THE SUBJECT VEHICLE MAY DICTATE MODIFICATION TO INSTALLATION PROCEEDURES.)

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.

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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.

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.

Enjoy your new headers and thank you for your purchase!

RETURN POLICY

Returns to Doug Thorley Headers (DTH) will only be accepted from direct sell customers within 30 days of the original invoice date. All returns will require a Return Merchandise Authorization (RMA) number provided by Doug Thorley Headers. Customers are responsible for all shipping charges unless other arrangements with Doug Thorley Headers have been made. Doug Thorley Headers reserves the right to refuse any package returned to our facility without prior authorization. Returned products can be subject to a 20% restocking fee.

Doug Thorley Headers does suggest that when shipping an item back to us, carriers such as UPS and FEDEX, or any providers that offers a signature requirement and insurance coverage be used. Doug Thorley Headers is not responsible for any lost or damaged packages along with the customer will be responsible for all shipping charges and risk of loss during the return shipment.

Doug Thorley Headers does not accept a return of an item that is damaged, used/installed, or special ordered parts. If you receive an item that has been damaged, please inform Doug Thorley Headers within 72 hours of delivery in order for Doug Thorley Headers to begin a claim.

Please keep the original packaging and contents as FEDEX and UPS may require an inspection of the item. If this inspection is required then the carrier in which your item was handled through may contact you to set up a time and date. All claims to sub-component shortages or missing parts must be made within 10 days of delivery.

If any you have any questions about returning or missing an item, please contact us at **951-739-5900** or email at info@doughorleyheaders.com

For Tech Support call 951-739-5900

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WARRANTY COVERAGE

Unless otherwise specified, Doug Thorley Headers header products are warranted against defective materials and workmanship for as long as the original consumer purchaser owns said header product. Doug Thorley Headers exhaust products defined as any component “downstream” of a Doug Thorley Header product or OE factory exhaust manifold, are warranted against defective material and workmanship for a period of five (5) years from the original consumer purchase date. These limited warranties are offered solely to the original purchaser and are non-transferable. Proof of purchase is required for all warranty claims.

These warranties shall be limited to the repair, adjustment, and/or replacement of defective parts at the discretion of Doug Thorley Headers. Authorized product return will be repaired or replaced at the discretion of Doug Thorley Headers. All warranties become void if any product shows evidence of any modification done without the express consent of Doug Thorley Headers and includes mishandling, bending, welding, mutilation of parts, and insulating wrap products. Doug Thorley Headers is not responsible for any other expenses involved in a warranty claim including any labor costs incurred by the customer in relation to defective parts and/or shipping cost to or from Doug Thorley Headers. Doug Thorley Headers is not responsible for any damages, whether consequential, special, contingent or otherwise, expenses or injury that may arise from the use of Doug Thorley Headers products.

The bluing and discoloration of chrome exhaust products is considered normal, as is the dulling of ceramic coated products, and as such, coating are not covered under the terms of the warranty. Environmental exposure and rust apparent during the extended life of products is also considered normal and excluded from the warranty. Any Doug Thorley Headers product that has been discontinued from new sales for a period of five (5) years or longer will no longer be eligible for replacement under the terms of warranty, the repair of any defective parts will be the only option. Any non-defective not-installed product may be returned for any reason within thirty (30) calendar days of receipt, and will be subject to a 20% restocking/repackaging fee.