

289-302W, 1966-76 FAIRLANE, RANCHERO, TORINO / 1966-78 MUSTANG
1965-74 GALAXIE / 1966-77 MAVERICK, COMET / 1967-70 COUGAR



LEGALITY NOTES

If your vehicle was manufactured on, or after, 1976 these exhaust headers **DO NOT** comply with California Air Resource Board regulations and are **NOT LEGAL** for sale or use on pollution controlled vehicles in the state of California. Any vehicles manufactured 1975 or older are not subject to California smog laws.

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-268-1-C

SHORTIE HEADERS

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PARTS INCLUDED

Ref.	Part Number	Description	Qty
1)	00-901-00660	Driver Side Header Assembly	1
2)	00-901-00661	Passenger Side Header Assembly	1
3)	00-901-01903	2-1/2" Flared Adapter	2
4)	07-31-48314	Header Flange Gasket Kit (set of 2)	1
5)	01-22061610-20	Header Bolt, 3/8-16x1-1/4"	16
6)	01-10061620-27	Hex Head Bolt, 3/8-16x2-1/2"	6
7)	01-310616-27	Hex Nut, 3/8-16	6
8)	01-4006-27	Flat Washer, 3/8"	6

TOOLS REQUIRED

Ref.	Description	Ref.	Description
1)	3/8" Drive Ratchet and Extensions	5)	Cut Off Saw
2)	8mm, 10mm, 12mm, 14mm Sockets	6)	MIG Welder
3)	8mm, 10mm, 12mm, 14mm Wrenches	7)	5/8" Spark Plug Socket
4)	High-temp Silicon Sealant	8)	Torque Wrench

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

- 1) Disconnect the battery.
- 2) Raise the front of the vehicle approximately 24 inches and support it with jack stands or other suitable supports.
- 3) Remove the spark plug wires and spark plugs..
- 4) Remove the stock exhaust manifold bolts and remove manifolds from top. Remove the exhaust system.
(Please note that your exhaust system will have to be modified to accommodate the new headers)
- 5) Clean all traces of carbon deposits from the cylinder head exhaust port surfaces.
- 6) Remove the two motor mount bolts from the driver side mount and jack motor up about 2".
NOTE: If the car has power steering, the ram will have to be lowered for this install.
- 7) *NOTE:* Install the driver side header and supplied header gasket from below the vehicle using the supplied 3/8"-16x1-1/4" Header Bolts Starting from the center of the header flange and working toward the ends, tighten the header bolts to 20-25 ft/lbs.
- 8) Lower the motor mount and torque to manufacture specification. Re-install power steering ram (if equipped) and re-tighten hardware to manufacture specification.
- 9) Remove the two motor mount bolts from the passenger side motor mounts and raise the motor up 2", paying close attention to oil filter and driver side header when jacking up passenger side as its possible to crush these components.

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INSTALLATION PROCEDURE

- 10) Carefully install the passenger side header and supplied header gasket from below the vehicle using the supplied 3/8"-16x1-1/4" Header Bolts. Starting from the center of the header flange and working toward the ends, tighten the header bolts to 20-25 ft/lbs.
- 11) Re-install motor mount bolts and torque to manufacture's specs.
- 12) Attach the supplied reducers to the header collectors using the supplied 3/8"-16x2-1/4" Hex Head Bolts, Nuts and Flat Washers
- 13) Cut the exhaust head pipes appropriately and weld them to the reducers.
- 14) Reinstall the spark plugs and wires.
- 15) Pay close attention to transmission lines, hoses, and wires that may be affected by heat.
- 16) Reconnect the battery. Start the engine and check for leaks.
- 17) Because the header bolts will initially stretch when hot, we recommend adhering to the following steps:
 - A) Re-torque the header bolts to 20-25 ft/lbs after approximately twenty minutes of operation.
WARNING: Remember the engine will be hot at this time. Protect yourself accordingly.
 - B) Check and retighten the header bolts to 20-25 ft/lbs after the first month of operation.