



THE PERFORMANCE EXHAUST COMPANY™

12100 FLOWTECH I Std Finish - 32100 FLOWTECH II Ceramic Finish

FORD	FAIRLANE	66-73	255-302W (351W 69-73)
	FALCON	66-73	255-302W
	MUSTANG	71-73	255-302W (351W 69-73)
	MAVERICK	70-77	255-302W
	RANCHERO	66-73	255-302W (351W 69-73)
MERCURY	TORINO	68-73	255-302W
	COMET	66-77	255-302W
	COUGAR	71-73	255-302W (351W 69-73)
	CYCLONE	68-73	255-302W
	MONTEGO	66-73	255-302W

12102 FLOWTECH I Std Finish - 32102 FLOWTECH II Ceramic Finish

FORD	MUSTANG	64-70	289-302W
MERCURY	COUGAR	67-70	289-302W

We realize that you had many choices when you chose your headers, and we thank you for choosing ours. At FLOWTECH® we put many years of performance exhaust experience into every product we build. We feel and know you will agree that FLOWTECH® Headers are the best you can buy at any price.

As a result of the restricted room available in some engine compartments, you may experience a close fit to some body and chassis components. This is a normal condition. If this is your first time installing a set of headers, it may be time consuming. While not complex, stick with it. As soon as you start your engine, the reward of additional horsepower and performance will be well worth your efforts. Proper installation and periodic maintenance will result in maximum performance and life from your FLOWTECH® Headers.

READ THESE INSTRUCTIONS CAREFULLY BEFORE STARTING:

For ease of installation, your vehicle must be raised a minimum of 24". Warning: Should you decide to install any exhaust product yourself, be warned that the original equipment jack that came with the vehicle is intended for emergency use only. The use of a frame jack in conjunction with a floor jack as the main support is highly recommended to minimize the accidental dropping of a vehicle while the installation proceeds. Never go under any vehicle that is supported by a bumper jack!

INSTALLATION NOTE: If it is required that you retain the heat stove connection to the air cleaner (TAC), purchase FLOWTECH® hot air kit #10100.

INSTALLATION NOTE: Power steering equipped vehicles will require the purchase of FLOWTECH power steering bracket #10041

1. PREPARE THE CAR FOR INSTALLATION:

- A. Disconnect the battery to prevent accidental damage to the electrical system.
- B. Remove the spark plugs and clutch linkage, if so equipped.
- C. Disconnect the power steering arm where it bolts to the frame.
- D. Unbolt the headpipe from the exhaust manifold and move aside. Remove manifold.

2. CHECK THE CONDITION OF THE MOTOR MOUNTS

It is recommended that new motor mounts be installed before installing headers.

3. LEFT SIDE HEADER INSTALLATION:

A. Starting from below, work the header into position over the exhaust ports.

INSTALLATION NOTE: On Mavericks and Comets, it may be necessary to raise the engine two inches. This may be done by removing the center engine mount bolt and using a floor jack under the oil pan. **Caution:** be sure to use a board between the jack and the oil pan to prevent damage to the pan.

B. While the header is still loose, replace the clutch linkage if necessary.

C. Place the gasket into position. Install the front and rear header bolts. Do not tighten.

D. Install the balance of the bolts. Do not tighten.

INSTALLATION NOTES:

- 1. Some applications may require that the engine mount be trimmed for clearance.
 - 2. 1969 vehicles may require bending the firewall for clearance if the back left side tube is in contact.
 - 3. Vehicles equipped with Cobra oil pans may require modifying the header tube for clearance to the pan.
 - E. Tighten all header bolts progressively and evenly until they are tight.
 - F. Install the FLOWTECH® power steering bracket (part #10041 purchased separately) to frame. Reconnect power steering ram. Reroute power steering hoses for clearance.
- INSTALLATION NOTE:** For 70-77 Mavericks/Comets, check the tubes for clearance to the power steering arm. Dent tubes for clearance, if needed.
- G. On vehicles equipped with automatic transmissions, check the kick-down linkage. It may be necessary to bend it toward the engine, until it works properly. Also check the steering column lockout rod, which may also require bending for proper fit.
 - H. Replace the engine mount bolt and tighten.

4. RIGHT SIDE HEADER INSTALLATION:

A. Starting from below, work the header into position over the exhaust ports.

INSTALLATION NOTES:

- 1. On 1976 Mavericks and Comets, the vacuum canister must be relocated at least ½" to clear the #4 tube and remounted.
 - 2. Check automatic transmission cooling lines and starter cables for clearance. Reroute, if necessary.
 - B. Place the gasket into position. Install the front and rear header bolts. Do not tighten.
 - C. Install the balance of the bolts. Do not tighten.
 - D. Tighten all header bolts progressively and evenly until they are tight.
- INSTALLATION NOTE:** Check the emergency brake cable clearance between it and the collector. If cable hits the collector, it is necessary that you relocate the cable hanger at the frame for clearance.

5. AFTER HEADERS ARE IN PLACE:

- A. Inspect all points with limited clearance. Relocate any points that have direct contact with the headers. Make sure there is adequate clearance around lines (transmission, brake, fuel and electrical wires). Reroute as necessary. Before installing your exhaust system, replace any fluids that may have been removed or lost.
- B. Reinstall the oil dipstick tube, spark plugs, and reconnect the battery cable.

When you have finished installing your FLOWTECH® headers, take the vehicle for a road test. Listen carefully for any exhaust leaks or other strange noises and make corrections. When the vehicle has been driven for a few days, retighten the header bolts. We find that periodically checking the bolts will prevent the flange from warping and the burning out of the header gaskets.

LIMITATION OF LIABILITY - DISCLAIMER: The regulation of emissions production, noise levels and safety standards is undertaken by the federal government, each of the fifty state legislatures, and by many local municipalities, towns, and counties.

FLOWTECH® by Holley makes no warranties of merchantability, of fitness for particular purpose, Or that its products are approved for general use, or that its products comply with laws, regulations, or ordinances in the states where they may be sold to the ultimate purchaser, the consumer.

Unless expressly stated to the contrary in the *FLOWTECH*® catalog, instruction sheet, or price list, the entire risk as to the conformity of any company product in any such state and as to repair should the product prove to be defective or nonconforming, is on the retail purchaser, the buyer, the ultimate consumer, of such product and it is not upon the seller, distributor, or manufacturer.

In the connection retail purchaser, the buyer, the ultimate consumer assumes the burden of the entire cost of any and all necessary service, alterations or repair.

The foregoing statement limits the liability of the manufacturer. California vehicle code sections 27156 and 38391 prohibit the advertising. Offering for sale, or installation of any device which modifies a vehicle's emissions control system unless exempt and unless otherwise noted, *FLOWTECH*® headers have not received an exemption from these code sections and are not legal for sale or use in California on vehicles originally equipped with catalytic converters. It is illegal, except for racing vehicles, which may never be driven upon a highway, to remove or otherwise render inoperative any emission control device on regulated motor vehicles (Check catalog listings to insure proper application). In the other 49 states, unless otherwise noted, *FLOWTECH*® headers are not legal for pollution controlled motor vehicles, except for racing vehicles which may never be used upon a highway and are not intended or applicable for highway use.

***FLOW* TECH**
by **Holley**

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