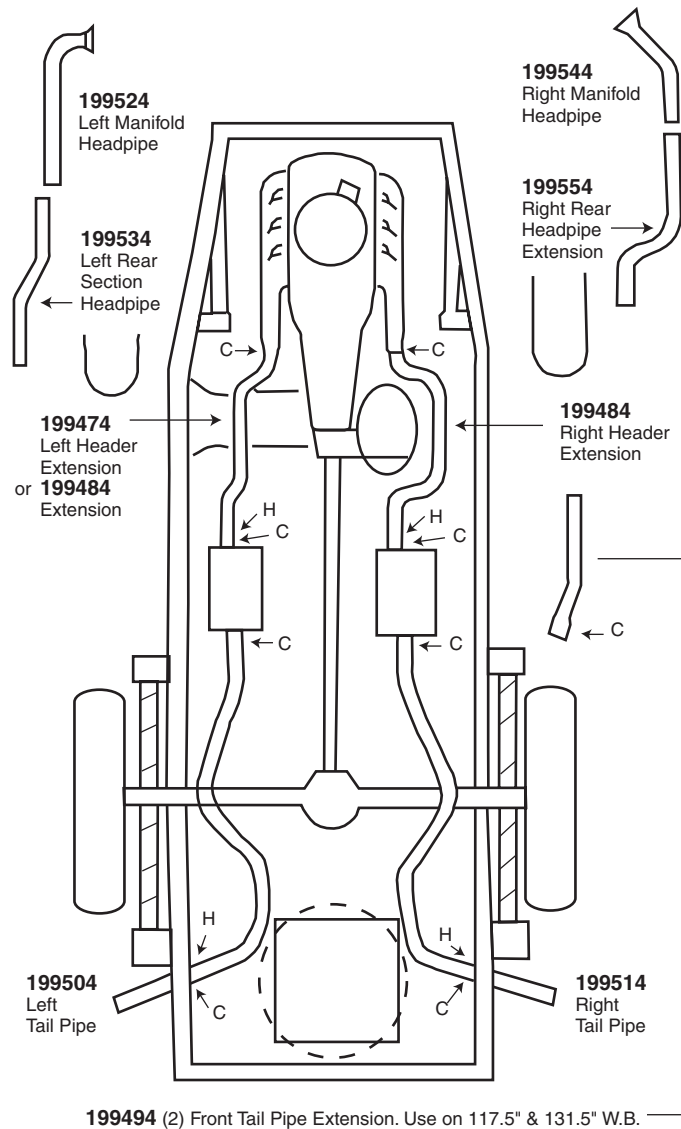


IMPORTANT: Unless certified or exempted by The California ARB, Headers are not legal for sale in California on 1975 or later model vehicles, except for racing vehicles which are not legal for use or operation on any highway. Pre-Catalyst vehicles must utilize original air injection system if so equipped. It is the responsibility of the customer to reinstall the air injection device to his vehicle.



2701 N. Dettman Rd.  
Jackson, MI 49201

**INSTALLATION INSTRUCTIONS**  
**NUMBER: 89004 & 89003**

1973-82 Pickup, 1/2, 3/4, 1 Ton  
Suburban Carryall  
4 W.D. only  
350-400 CID Eng.

**NOTE: HEADER DUALS.** THIS KIT WAS DESIGNED FOR DYNOMAX HEADER #85003. IF THE KIT IS BEING INSTALLED WITH HEADERS OTHER THAN LISTED ABOVE, MODIFICATION WILL BE REQUIRED. DYNOMAX WILL NOT ASSUME RESPONSIBILITY FOR FIT OR PERFORMANCE.

**NOTE: MUFFLERS AND MUFFLER U-CLAMPS ARE NOT SUPPLIED WITH THIS PERFORMANCE EXHAUST SYSTEM.** DYNOMAX HAS DESIGNED THIS KIT FOR USE WITH SUPER TURBO MUFFLER PART #17731, OR AN EQUIVALENT 2 1/4" I.D. INLET x 2 1/4" I.D. OUTLET, SINGLE OFF SET MUFFLER. GLASSPACK MUFFLERS MAY BE USED WITH SLIGHT MODIFICATIONS.

**DANGER WARNING:** SHOULD THE PURCHASER DECIDE TO INSTALL ANY EXHAUST PRODUCT AT HOME, BE WARNED THAT PASSENGER CAR OR LIGHT DUTY TRUCK/VAN "BUMPER" JACKS ARE INTENDED FOR EMERGENCY USE ONLY. THE USE OF FRAME CONTACT JACK STANDS IN CONJUNCTION WITH A FLOOR JACK AS MAIN SUPPORT IS HIGHLY RECOMMENDED TO MINIMIZE ACCIDENTAL DROPPING OF A VEHICLE DURING THE INSTALLATION PROCESS.

1. Remove existing Header crossover and single exhaust system. Save old gaskets and sleeves from stock exhaust head pipes. Remove old hangers.
2. Install new head pipes using old gaskets and sleeves. **Tighten** only enough to hold in place. Install left and rear section head pipe. On Header Duals, install header extensions using 2½" U-Clamps. **Do not tighten.**  
**NOTE:** Two pieces of right extension pipe #199484 are included. On some applications, extension **199484** fits best on the left side. Test fit **199474** and **199484** on the left side to see which is correct.
3. Install mufflers on the head pipes or header extensions as shown in illustration. Put clamp in place but **do not tighten.** Rotate head pipes and muffler to clear transfer case, drive shaft and frame. Over the front or rear of the muffler you will find a cross member or body mount that a hole can be drilled to accept 5/16" bolt and rubber hanger.
4. Models with a 131.5" and 117.5" WB, install front tail pipe extension #199494. On 117.5" WB, cut approximately 14" off front. See illustration.
5. Install tail pipes and center bump over rear axle housing for maximum clearance.
6. As the tail pipe goes under the frame on its way out to the rear of the vehicle, find a hole in the area, or drill a new hole, to bolt the 90° metal bracket and rubber hanger. see illustration for tail pipe location. Cut the end of the tail pipe for desired length.
7. Make sure that all parts of the system are clear of frame members, all hoses, suspension and brake lines. Starting at the exhaust manifolds or Headers, tighten all connections making sure all parts are clear and will not leak or rattle.
8. Periodically check tightness of all Header Bolts.

## Parts List

### HEADER DUALS 89004

|   |                         |    |                               |
|---|-------------------------|----|-------------------------------|
| 1 | 199474 Left Ext.        | 4  | 2¼" Clamps                    |
| 2 | 199484 Right Ext.       | 4  | 520862 Hangers                |
| 1 | 199504 Left Tail Pipe   | 2  | 107097 Brackets               |
| 1 | 199514 Right Tail Pipe  | 6  | 5/16" x 1¼" Bolts             |
| 2 | 199494 Tail Pipes Exts. | 8  | 5/16" Nuts                    |
| 2 | 143161 Male Grommets    | 8  | 5/16" Lock washers            |
| 2 | 143171 Female Grommets  | 10 | 145061 - 5/16" Fender Washers |
| 2 | 5/16" x 1½" Bolts       | 2  | 160701 Brackets               |
| 2 | 2½" Clamps              |    |                               |

### Use on Header Duals 89004

### MANIFOLD DUALS 89003

|   |                             |    |                               |
|---|-----------------------------|----|-------------------------------|
| 1 | 199524 Left Head Pipe       | 4  | 2¼" Clamps                    |
| 1 | 199534 Right Head Pipe      | 4  | 520862 Hangers                |
| 1 | 199544 Left Rear Head Pipe  | 2  | 107097 Brackets               |
| 1 | 199554 Right Rear Head Pipe | 6  | 5/16" x 1¼" Bolts             |
| 1 | 199504 Left Tail Pipe       | 8  | 5/16" Nuts                    |
| 1 | 199514 Right Tail Pipe      | 8  | 5/16" Lock Washers            |
| 1 | 199494 Tail Pipe Ext.       | 10 | 145061 - 5/16" Fender Washers |
| 2 | 143161 Male Grommets        | 4  | 160901 Flanges                |
| 2 | 143171 Female Grommets      | 2  | 160701 Brackets               |
| 2 | 5/16" x 1½" Bolts           |    |                               |

### Use on Manifold Duals 89003