



**91945FLT (painted) & 91945-1FLT (ceramic coated)  
For 96-03 Dodge Dakota/Durango/Ram Trucks w/ 5.2L-5.9L**

California Air Resources Board EO Number D-439-1

**IMPORTANT: READ INSTRUCTIONS COMPLETELY BEFORE BEGINNING INSTALLATION.**

**WARNING!** Breaking in an engine with ceramic-coated headers **WILL result in damage to the coating and will VOID all warranties.** Ceramic-coated headers require several heat cycles to fully cure before they will withstand extreme heat. FLOWTECH® recommends using cast iron exhaust manifolds or old headers to break in new engines to avoid coating damage. Please call tech service at 270-781-9741 for additional information regarding ceramic-coated exhaust products.

Thank you for making FLOWTECH® Headers your choice in high-performance exhaust systems. Extensive dyno/track testing has enabled FLOWTECH® to offer the most advanced design in exhaust systems. The installation, while not complex, will take a certain amount of time. However, the additional horsepower and improved performance will more than justify your efforts. Proper installation and maintenance will ensure a long life and maximum performance from you FLOWTECH® exhaust system. This part is 49 state emissions legal.

**BEFORE STARTING:**

Your vehicle must be raised a minimum of 36 inches. A floor hoist is ideal. If no hoist is available, we strongly urge the use of axle stands as a safety measure.

**CAUTION!** Your vehicle should not be supported on a bumper jack. We recommend welding all pipe slip joints. If no welding equipment is available at the time of the installation, use the furnished clamps to secure the pipes, until they can be welded.

**PARTS LIST:**

- (1) Driver's Side Header Assembly
- (1) Passenger's Side Header Assembly
- (2) Header gaskets
- (4) 3/8-16 hex nuts
- (4) 3/8-16x2 bolts
- (4) 3/8 flat washers
- (8) 5/15-8x1 bolts

**INSTALLATION:**

1. Disconnect the battery to prevent accidental damage to the electrical system.
2. From below, remove the exhaust pipes from the manifolds.
3. Remove the spark plug wires from the spark plugs and position out of the way.
4. CHECK THE CONDITION OF THE ENGINE MOUNTS. It is recommended that new engine mounts be installed before installing the headers.

**LEFT SIDE HEADER INSTALLATION:**

1. Remove the factory manifold. Save the fasteners for reinstallation.
2. Clean the cylinder head of any grease, rust, and gasket material that may be present.
3. From above, install the header and gasket into place. Use the two factory washers, nuts, and supplied header bolts to fasten the headers. Torque to factory specs.

## **RIGHT SIDE HEADER INSTALLATION:**

1. Remove the bolts holding the EGR tube to the exhaust manifold (if equipped).
2. Remove the factory manifold. Save the fasteners for reinstallation.
3. Clean the cylinder head of any grease, rust, and gasket material that may be present.
4. From above, install the header and gasket into place. Use the two factory washers, nuts, and supplied header bolts to fasten the headers. Torque to factory specs.
5. Apply silicon to the base of the EGR tube (if equipped) and reinstall to the header using the supplied hardware.

## **CONNECT THE EXHAUST SYSTEM:**

1. From under the vehicle, reinstall the exhaust system to the headers using the supplied bolts and nuts.

**NOTE:** Before installing your exhaust system, replace any fluids that you may have removed or lost.

2. Inspect all points with limited clearance. Relocate any points that have direct contact with the headers. Make sure there is adequate clearance around all lines (transmission, brake, fuel, and electrical wires. Reroute as necessary.
3. Reconnect battery cables and recheck everything!
4. Start the engine and let it warm up. Check for leaks. Shut engine off and let it cool down. Check to make sure all fasteners are tight.
5. When finished, give your vehicle a test drive, checking carefully for any new noises. After several days of driving, re-tighten all the bolts.

**ANY QUESTIONS?** Please contact the Technical Service department at 1-270-781-9741, fax to 1-270-781-9772, or for online help, please refer to the Tech Service section of our website: [www.holley.com](http://www.holley.com).

### **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® Industries 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 state where they may be sold to the ultimate purchaser, the consumer.

Unless expressly stated to the contrary in the 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 non-conforming, is on the retail purchaser, the buyer, the ultimate consumer, of such product and it is not upon the seller, distributor, or manufacturer.

In this connection, the 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, prohibits the advertising, offering for sale, or installation of any device, which modifies a vehicle's emission control system unless exempted. 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 ensure 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.

**91945-3901FLT**

**Date: 7-26-11 wf**