



LONG TUBE HEADERS
1999-2006 Chevy/GMC 1500 Trucks
V8-4.8L/5.3L (2WD)
P/N 11533FLT (Painted) & 31533FLT (Ceramic Coated)



NOTE: Read all instructions carefully before attempting the installation.

Thank you for making FLOWTECH HEADERS your choice in a high-performance exhaust system. Extensive dyno/street/track testing has enabled FLOWTECH to offer the most advanced design in headers for your application. Due to the restricted room available in the engine compartment, your headers may be close to some body and chassis components. This condition is normal. 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 long life and maximum performance from your FLOWTECH exhaust system.

WARNING! Breaking in an engine with ceramic-coated headers WILL result in damage to the coating and will VOID all warranties. FLOWTECH® recommends using a cast iron exhaust manifold or old headers to break in new engines to avoid coating damage. Please call tech service at 1-270-781-9741 or 1-866-464-6553 for additional information regarding ceramic-coated exhaust products.

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 truck should not be supported on a bumper jack prior to installing headers, take the time to make a careful and complete header fitting into your vehicle properly.

1. Place the vehicle in an adequately lit location where the floor is solid and flat. DO NOT work on a hot engine. Heat causes metal to expand and makes the removal of fasteners more difficult. Disconnect the battery cables from the battery to prevent electrical damage. Raise the front end for access to the exhaust manifold flanges. DO NOT DEPEND ON A JACK! Use jack stands and block the tires to safely support the vehicle.
2. Remove all four oxygen sensors from underneath the truck.
3. Spray WD-40 or equivalent on all accessible fasteners and fittings before removing them.
4. Disconnect the exhaust pipe from the Y-Pipe. Move pipe to the rear to clear all flange bolts.
5. Remove forward bolts from the frame strut rods (underneath factory exhaust manifolds), loosen the rear bolts and the swing rods outward to clearance the removal of the factory Y-pipe and exhaust manifolds.
6. Remove manifold and Y-pipe. You may need to remove the crossmember and driver side toe board heat shield.
7. Remove spark plug wires and move out of the way. Remove dipstick tube and dipstick.
8. On the driver's side, using a gasket scraper, remove all carbon deposits and high spots from the head surface. Install header from beneath the vehicle. Reinstall the driver side toe board heat shield after header is in place. Bolt the header in place.

9. While holding the header in place, slide the supplied gasket between the motor and the header. Start the bolts (most restricted first) and washers on the center holes before pressing the header to the head. Tighten the nuts and bolts to the factory specifications.
10. On the passenger's side, remove the exhaust manifold.
11. Like the driver's side, install header from beneath the vehicle. Bolt the header in place. Pay close attention to the clearance of the transmission cooler lines. You should have about 1" of space between header tube and transmission cooler line. If clearance is less than 1", you can bend the line to make additional clearance.
12. While holding the header in place, slide the supplied gasket between the motor and the header. Start the bolts (most restricted first) and washers on the center holes before pressing the header to the head. Tighten the nuts and bolts to the factory specifications.
13. Install pre-cat oxygen sensors in headers using copper anti-seize lubricant. Be careful not to get anti-seize lubricant on sensor tips. Reconnect all wires and attach.
14. Install spark plugs and wires and reinstall dipstick and tube.
15. Install Y-pipe to headers.
16. Reconnect the exhaust system to the Y-pipe.
17. Make sure there is adequate clearance on plug wires, battery cables, wire looms, brake lines, coolant lines, etc. If you loosened or removed the transmission crossmember, please reinstall and tighten the bolts at this time.
18. Reconnect the battery cables, rechecking everything in the process.
19. Start the engine and let it warm up. Check for leaks. Shut engine off and let it cool down. Check to make sure all connections are tight.
20. When finished with the installation, give your vehicle a test drive checking carefully for any new noises. After several days of driving, retighten all the bolts.

Any questions? Please contact Technical Service: 1-866-464-6553 or 1-270-781-9741. For online help, please go to 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™ makes no warranties of merchantability, of fitness for particular purpose, or that its products are approved for general use, 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 that have not received an Executive Order (E.O.) exemption from these code sections are not legal for sale or use in California on vehicles originally equipped with catalytic converters, except for racing vehicles, which may never be driven upon a highway. Check with your local authorities to determine if these headers are legal for use in your particular area.

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Date: 7-21-14