



## FLOWTECH HEADERS P/N 13131FLT & 13132FLT

2006-2010 Dodge Charger/Magnum & Chrysler 300C 6.1L Headers



**13131FLT**



**13132FLT**

**ATTENTION!** Some applications may require modification to the exhaust system and we recommend this installation be done by a professional technician.

### INTRODUCTION:

Thank you for making Flowtech™ Headers your choice in a high performance exhaust system. Extensive dyno/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. While the installation is not complex, it may be time consuming. However, as soon as you start your engine, 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 your Flowtech™ Headers. If you have any questions, please call Technical Service line at 1-270-781-9741 or 1-866-464-6553.

### 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 car should not be supported on a bumper jack. Prior to installing the headers, take the time to make a careful and complete inspection of both the engine and transmission mounts. Replace them, if they look worn or damaged. Otherwise, this may affect the header fitting into your vehicle properly.

### HELPFUL HINTS FOR HEADER INSTALLATION AND MAINTENANCE:

1. Verify the header part number with the part number on the box and invoice.
2. Unless otherwise noted, Flowtech™ Headers are designed to fit without modifying the header (denting, cutting). **DO NOT** modify the header. **Call the Technical Department at 1-270-781-9741 or 1-866-464-6553.**
3. Unless otherwise noted, Flowtech™ Headers are designed to fit with original equipment (i.e. oil pan, cylinder heads, mounts, bell housings, starter, etc.).
4. When using Flowtech™ Headers, it is recommended to use Flowtech™ gaskets for correct port match. When using other than the recommended Flowtech™ gaskets, match the gaskets to the head ports for a good seal.
5. Heat wrapping the header is not recommended, because it will prematurely fatigue the header.
6. We recommend high-temperature, red RTV silicone (sensor-safe) on both sides of the gasket to further ensure a proper seal.
7. Headers that are subjected to extreme conditions (mud, road salt, etc.) should be cleaned on a regular basis to help prevent corrosion.
8. When installing headers use anti-seize on header bolts and Y-pipe bolts.

## DISASSEMBLY & HEADER INSTALLATION PROCEDURE:

### PLEASE READ NOTES AND TEXT THOROUGHLY & CAREFULLY.

**NOTE:** Both 13131FLT and 13132FLT are for **OFF ROAD USE ONLY**. Oxygen sensor extension harnesses are not included and the customer is responsible for ensuring the factory ECU is adjusted to function properly with these products installed.

### DISASSEMBLY:

1. Disconnect the battery and remove the front wheels.  
TOP SIDE:
2. Remove the air cleaner assembly for access to the top bolts. Disconnect and remove the junction box (power distribution).
3. Remove the 3 bolts at junction box bracket. The bracket doesn't have to be removed, only positioned aside.
4. Optional – Remove the AC line bracket nut on the driver's side strut tower. Position the lines aside for access.  
UNDER CAR:
5. Disconnect all the oxygen sensors.
6. Remove the converter assembly on both sides.
7. Remove the starter and both knock sensors.
8. Remove the mid pipes from the exhaust manifolds and save the clamps for later.
9. **Loosen** the bottom row of the manifold bolts.
10. Remove the top row of the manifold bolts.
11. Remove the manifolds from under the vehicle.

### HEADER INSTALLATION

**NOTE:** Some applications may require the driver's side engine mount to be trimmed slightly for clearance, requiring the heat shield to be re-installed with a single screw. Remove only as much material as needed to clear the header.

1. The driver's side engine mount may need to be trimmed slightly for clearance. To do this, remove the heat shield and trim as needed.
2. Re-install the driver's side heat shield with the remaining screw.
3. Install the driver's side header using the supplied gaskets and hardware.
4. Install the passenger's side header using the supplied gaskets and hardware.

### OFF-ROAD PIPE INSTALLATION (13132FLT ONLY)

1. Insert the off-road pipes into the existing exhaust (with factory clamps over pipe) and ensure fitment is snug while still allowing some movement to bolt the opposing ends to the headers. If the fitment is too tight, a pipe expander can be used to expand O.E. pipes **slightly** for proper fitment.
2. Using the supplied hardware, bolt the off road pipes to the headers and tighten the fasteners.
3. Tighten the factory clamps on the rear of the off road pipes.
4. Check for adequate clearance for all hoses, lines, etc.
5. 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.

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**Date: 5-28-15**