



**INSTRUCTION SHEET**  
**2006-10 DODGE MAGNUM, CHARGER,**  
**CHALLENGER, & CHRYSLER 300C**  
**6.1L HEMI SRT8 Models (auto transmission only)**  
**PART # 72610, 72616, 72630, 72636**  
**(Long Tube)**

**CAUTION!**

This is a custom designed exhaust header system, designed for this particular application (s). Do not bend, bang, cut, dent, drill or heat any portion of this header! Any alteration other than those suggested in this instruction sheet will void the Hedman Lifetime Guarantee!  
To prevent leaks, install your headers using Hedman Hedders exhaust gaskets ONLY and a spray copper gasket sealant.

**BEFORE STARTING INSTALLATION:**

It is necessary to raise the vehicle at least 36 inches from the ground. A floor hoist is recommended. If a floor hoist is not available, use a hydraulic floor jack with jack stands. DO NOT USE A BUMPER JACK!

**INSTALLATION INSTRUCTIONS:**

1. Disconnect the battery in the trunk of vehicle, and place a plastic bag over the end of the battery cable to avoid damage by battery acid (10mm nut).
2. Unbolt and remove the lower engine cover (four 10mm bolts). Set it aside for use later in the installation.
3. Place an oil pan on the ground and remove the oil filter.
4. Carefully unplug the O2 sensors on the cat-pipe assembly (four sensors).
5. Loosen the two clamps connecting the rear exhaust section to the catalytic converters (two 14mm bolts). Remove the stock cat-pipes with catalytic converters and carefully set it aside.
6. Remove the center support hanger (four 13mm bolts). Lower the center of the exhaust system to allow the cat-pipes to slide off the factory studs. You may need to remove the rubber hangers behind the muffler.
7. Before installing the headers apply anti-seize compound to the header bolts, and spray both sides of the new Hedman Hedder gaskets with copper gasket spray. Carefully clean all gasket surfaces with Brake Cleaner.

**DRIVER SIDE:**

8. If necessary, remove the factory air box and loosen the coolant tank for added clearance.
9. Support the engine using a floor jack and a block of wood under the oil pan. Remove the driver side block sensor and motor mount. **(Do not unbolt both mounts at the same time, remove one side at a time.)** Raise the engine for added clearance. Remove the stock exhaust manifold bolts and remove the factory manifold from below.
10. Install a new header gasket, and loosely install the top, front 3 header bolts, flat washers and lock washers into the head making sure they line up with the slotted holes in the header flange.
11. Position the front of the header, then rotate the rear of the header and loosely install the back header bolt and lock washer. Install lower header bolts and lock washers in the lower row and tighten all bolts evenly from the center out.
12. Lower the engine and reinstall the mount and block sensor. Reinstall the air box and coolant tank if removed in step 8.

**PASSENGER SIDE:**

13. With the engine still supported by the jack stands, remove the passenger side block sensor and motor mount. Raise the engine if necessary. **(Do not unbolt both motor mounts at the same time, remove one side at a time.)**
14. Remove oil dipstick and tube.
15. Remove the stock exhaust manifold bolts and extract the passenger side exhaust manifold from below.
16. Install a new hedder gasket, and loosely install the top 2 middle header bolts, flat washers and lock washers into head making sure they line up with the slotted holes in the header flange.
17. If necessary, install stock stud with dipstick tube mount loosely in the top front hole using the spacer provided in the hardware kit.
18. Rotate the header up into position and install the upper rear header bolt and lock washer. Install the lower bolts and washers then the top row. Once all header bolts are installed, tighten them evenly starting from the center and working outward.
19. Lower the engine, if raised, and reinstall the motor mount and block sensor removed in step 13.
20. Reinstall the dipstick tube onto the stock mounting stud using the stock nut. Replace the oil filter (pre-fill with oil), and check the engine oil level.

**REINSTALLATION OF EXHAUST:**

21. Bolt hedder collectors to the Hedman X-pipe (sold separately) or your custom pipes. Reconnect the center support hanger, and fasten the section to the factory exhaust. Tighten both rear clamps to factory specs. It may be necessary to extend the O2 sensor wire (not supplied).
22. Check to make sure there is sufficient clearance between the exhaust and all electrical lines, fuel lines, and hoses.
23. Reconnect the battery cable in trunk, making sure both cables are clean and tight.
24. Replace the lower engine cover and make sure all bolts are back in place.
25. Start engine, test drive vehicle, allowing engine to gain normal operating temperature, check for leaks, unusual noises or engine codes. After test drive is complete, re-tighten all header bolts from center out (Do not over tighten) and all fasteners previously loosen or removed.

**DO NOT WRAP YOUR NEW HEADERS!**

The use of thermal wraps will drastically shorten the life of your Headers, and will void the Hedman "Lifetime Guarantee".

**WARNING:** Removal of catalytic converters, O2 sensors and other factory air pollution control devices is illegal. We recommend you adhere to your state's local laws. Our testing indicates performance is not significantly affected by these devices.

12438 Putnam Street • Whittier, CA 90602 • tel (562) 921-0404 • fax (562) 921-7515  
website: [www.hedman.com](http://www.hedman.com) • email: [techsupport@hedman.com](mailto:techsupport@hedman.com)