



**INSTRUCTION SHEET**  
**CHRYSLER 300C**  
**DODGE = MAGNUM & CHARGER**  
**2005-07 5.7L HEMI (w/ automatic trans only)**  
**PART # 72580, 72506**  
**78580 & 78586**

**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 Hedderts 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 not available, use a hydraulic floor jack with jack stands. **DO NOT USE A BUMPER JACK!**

**INSTALLATION INSTRUCTIONS:**

1. Disconnect battery in the trunk of vehicle use a plastic bag over end of battery cable to avoid damage to material by acid in the trunk.
2. Remove lower engine cover by unbolting and set aside to be replaced later.
3. Place an oil pan on the ground and remove the oil filter.
4. Remove nut at end of stud that holds the dip stick in-place and remove dipstick and tube, save stud and nut.
5. Carefully unplug O2 sensors at rear of stock exhaust manifolds and y-pipe assembly.
6. Remove stock y-pipes complete with catalytic converters and carefully set aside.
7. Remove heat shields from back two bolts of the right and left stock exhaust and mark location for later use.
8. Remove exhaust manifold bolts and take down from below be careful not to damage the O2 sensors, and set aside.
9. Carefully remove O2 sensors from the rear of cast iron exhaust manifold and set aside.
10. Before installing headers Right and Left side using anti-seize install O2 Sensors into fittings located at the rear your new Hedman Hedderts.

**RIGHT SIDE:**

1. With spacer provided in kit install the original #1 stud into the cylinder just a thread or two top row ( the stud the oil dip stick attaches to) repeat the procedure # 2 and #3 bolt top row of cylinder head. From below with gasket in place using permatex carefully maneuver the right side into place, by aligning the slots at top of hedder behind the stud and bolts previously install and still loose.
2. To hold in proper position rotate header up and put in the back header bolt. Install lower header bolts in the lower row and tighten all evenly.

**LEFT SIDE:**

1. Install the front 3 bolts with just a few treads and install the same way as the right side.
11. Re-install the factory y-pipe assembly with catalytic converters in stock location (complete with heat shields previously removed.) Plug in any remaining O2 sensor wires unplugged previously.
12. Reconnect the battery cable in truck make sure they both are clean and tight.
13. Check to make sure there is sufficient clearance to exhaust all electrical lines, fuel lines, & hoses of any kind.
14. Replace the lower engine cover and make sure all bolts are back in place.
15. Start engine, test drive vehicle, allowing engine to gain normal operating temperature, check leaks, unusual noises or engine codes. After test drive is complete, re-tighten all header bolts and all fasteners previously loosen or removed.

**ENJOY YOUR HEADERS WHILE COMBINING INCREASED FUEL ECONOMY WITH BETTER PERFORMANCE.**

**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 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.