



CHALLENGER V6 HEADER INSTALLATION INSTRUCTIONS

Thanks for purchasing Stainless Works Muscleflow Headers for your Challenger V6. We have gone to great pains to make sure that our exhaust systems fit and sound great. Please follow these steps to ensure that your installation goes as planned.

Disassembly

1. Disconnect battery.
2. Raise and support vehicle.
3. Loosen and remove factory exhaust at factory connection point behind the transmission.
4. Remove service engine cover, four 10 mm bolts.
5. Remove two 15 mm bolts on head pipe cross brace.
6. Unplug and remove O2 sensors in head pipes.
7. Remove two 15 mm nuts on left head pipe heat shield.
8. Remove four 15 mm nuts holding head pipes on.
9. Remove air cleaner assembly - one 10mm bolt and two hose clamps.
10. Remove four 10 mm nuts (two per side), six 10 mm bolts (two per side) holding heat shields on manifolds. Then remove heat shields.
11. Unplug and remove O2 sensors.
12. Remove two 13mm bolts and four 10mm bolts per manifold and remove manifolds.

Installation

1. Apply high temp RTV to headers and install using six 13 mm bolts per header.
2. Install O2 sensors and extensions.
3. Install header outlets, cats (or eliminators) and lead pipes and clamps.
4. Install rear O2's and extension in left side
5. Install to factory catback or Stainless Works Catback system using supplied adapters and clamps.
6. Re install service engine cover four 10mm bolts.
7. Re-install air cleaner 10mm bolt and 2 clamps.
8. Be sure to have adequate clearance around all wires, hoses and lines. **If anything is in contact with the exhaust system, it will melt.** Make sure to have at least ½" of clearance and wrap any suspect areas with DEI thermal barrier wrap.
9. After double checking for clearance and making sure all lines, wires and hoses are secured, drive the car for 10-20 miles and re-check all clamps and clearances.