



PONTIAC G8 HEADER INSTALLATION INSTRUCTIONS

Thanks for purchasing Stainless Works Muscleflow Headers for your Pontiac G8. 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. Remove (4) 15mm bolts at mufflers and remove mufflers.
4. Remove (4) 15 mm bolts holding cross brace.
5. Disconnect and remove rear O2 sensors.
6. Remove (4) 15mm nuts at rear of cats and remove head pipes.
7. Disconnect and remove O2 sensors.
8. Remove (4) 15mm nuts holding cats on and remove cats.
9. Remove 15mm bolt from steering shaft and mark shaft and rack for realignment when reassembled and disconnect from steering rack.
10. Remove air box and engine cover.
11. Unbolt 15 mm bolt holding dipstick and remove dip stick tube.
12. Remove (12) 13 mm bolts (6 per side) on exhaust manifolds and remove manifolds.

Header Installation

1. Remove all plug wires from spark plugs and the plugs themselves.
2. Install (four) O2 extensions.

3. Seal and install headers using (12) 13mm bolts (6 per side) using ones removed earlier. Use High temperature silicon (RTV sealant) on header flanges and faces of heads.
4. Reinstall plug wires.
5. Re install steering shaft using 13mm bolt and lining up marks made earlier to steering rack.
6. Reinstall dipstick tube using 15mm bolt –will require some adjustment to fit.
7. Reinstall airbox and engine cover.
8. Install front O2 sensors.

Catback Installation Instructions for Headers

1. Seal and install cats or cat eliminators using 3” clamps
2. Seal and install lead pipes using 3” hanger clamps
3. Seal and install X pipe using 3” clamps.
4. Reinstall cross brace using (4) 15 mm bolts.
5. Seal and install front tail pipes using 3” clamps.
6. Seal and install rear tails using 3” hanger clamps.
7. Seal and install mufflers using 3” clamps.
8. Install tips and 3” hanger clamps.
9. Tighten clamps and adjust as needed.
10. Reinstall rear O2 sensors.
11. Reconnect battery and lower vehicle.
12. 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.
13. 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.