



2002-2009 TRAILBLAZER 6 CYL. HEADER INSTALLATION INSTRUCTIONS

Thanks for purchasing Stainless Works Muscleflow Headers for your 2002-2009 Trailblazer 6 Cyl. 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. Loosen (11) manifold bolts using 13 mm socket.
3. Remove air intake with filter.
4. Completely remove oil dipstick with the tube.
5. Raise and level vehicle and support as necessary.
6. Remove transmission cross-member and transmission mount in order to remove lead pipe. (12) bolts using 15 mm socket.
7. Take off cross-member exhaust hanger. (2) bolts using 15 mm socket.
8. Unbolt leadpipe at connection in front of catalytic converter and remove leadpipe.
9. Lower the vehicle.
10. Unbolt manifold, pull out through top of the vehicle.

HEADER INSTALLATION

1. Header is made in two pieces and installed from the top.

2. Thread in two bolts a couple turns at the furthest end of the holes in the head (The holes in flanges are slotted to allow for the two header sections to hang on these bolts while the remaining bolts are assembled).
3. Place a small bead of high temp RTV sealant on the header flanges
4. Install front part of header and leave unbolted, then install back half of header.
 5. Slide headers onto bolts in head and insert rest of header bolts. Torque to factory specs.
 6. Use transmission dipstick bracket (supplied, along with 5/16" hardware) to remount dipstick tube.
 7. Reinstall air intake with filter.

HEADER TO FACTORY CONNECTION POINT INSTALLATION

1. Reinstall factory transmission cross member exhaust hanger. (2) bolts using 15 mm socket.
2. Install y-pipe to header using (2) 2.5" Accuseal clamps
3. Install catalytic converter or offroad pipe using 3" Accuseal clamp.
4. Install single leadpipe with flange to cat or offroad pipe using (1) 3" Accuseal clamp. Use hanger with 3" clamp to mount leadpipe to tranny cross member hanger.
5. Install (2) O2 extensions and reinstall O2 sensors.
6. Assemble at factory connection point using supplied 3/8" bolts, washers and nuts.
7. Use transmission dipstick bracket (supplied, along with 5/16" hardware) to remount dipstick tube.
8. Reinstall air intake with filter.

HEADER TO TRUE DUAL EXHAUST SYSTEM INSTALLATION

1. Install transmission mount with (2) supplied 3/8" flat washers under one side to level the mount.
2. Install front leadpipes using (2) 2.5" Accuseal clamps.

3. Install catalytic converters or offroad pipes using (2) 2.5" Accuseal clamps.
4. Install rear leadpipes using (2) 2.5" Accuseal clamps.
5. Install (2) O2 extensions and reinstall O2 sensors.
6. Use transmission dipstick bracket (supplied, along with 5/16" hardware) to remount dipstick tube.
7. Reinstall air intake with filter.

8. See Stainless Works Exhaust Installation Instructions when installing either the Single Catback or True Dual Exhaust Systems.
9. Adjust for fitment and tighten all clamps and bolts.
10. Reconnect Battery.
11. 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.
12. 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.