



INSTALLATION INSTRUCTIONS FOR 2012+ JEEP SRT8 HEADERS

Thanks for purchasing Stainless Works Muscleflow Headers for your 2012+ Jeep Grand Cherokee SRT8. 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.

1. Stainless Works recommends the use of Hi-Temp RTV sensor safe silicon gasket maker as an option to or in conjunction with the use of factory gaskets. The recommended Oxygen Sensor Safe RTV is either Valco All-in-One Aluminum or Permatex Copper P/N 101BR available at NAPA, Autozone and other retailers.
2. Disconnect the battery before starting work on the exhaust system for your vehicle. Reconnect the battery when the job is completed.
3. Your exhaust system can be installed by a weekend warrior but the use of a lift is recommended for ease of installation. If using a jack, the vehicle must be placed on a level hard surface and jack stands are required for safety reasons.
4. You will assemble the components together as specified below, but only snug the clamps as you move along from front to back. When placing the X-pipe into position, make certain that you push it fully forward and level it in with the vehicle. After aligning all the components in the vehicle, you will tighten all the clamps working from front to back of the vehicle.
5. Remove air box and inlet.
6. Remove power distribution box from mount, then remove (3) 6mm nuts holding mount in and remove (allows room to get to bolts).
7. Remove 6mm nut holding dipstick and remove.
8. Remove skid plate under transmission (4) 8mm bolts.
9. Remove all O2 sensors and 5/16 rubber hose (right side) from catted pipes.

10. Disconnect exhaust from 2 bolt flanges with (4) 8mm spring loaded nuts.
11. Remove left brace at transmission cross member (4) 10mm bolts.
12. Remove right brace at transmission cross member (2) 10mm bolts.
13. Remove catted pipes from manifolds (4) 10mm bolts.
14. Support transmission and remove (6) 10mm bolts and (2) 10mm nuts from cross member and transmission mount and remove cross member.
15. Remove (12) 10mm bolts holding front driveshaft and remove.
16. Remove heat shield from starter (1) 6mm bolt, (2) 8 mm nuts.
17. Remove (16) 8mm bolts from manifolds and remove manifolds.
18. Install O2 extensions Front #109209, Rear #109210.
19. Loosely install lower header bolts (4) 8mm per side.
20. Install right header using (3) 8mm upper bolts and one original bolt with dipstick spacer.
21. Install dipstick.
22. Install left header using (4) 8mm upper bolts.
23. Reinstall starter head shield (may require bending to get in place) using (1) 6mm bolt (2) 8mm nuts.
24. Reinstall front O2 sensors.
25. Reinstall front drive shaft (12) 10mm bolts.
26. Reinstall transmission cross member (6) 10mm bolts and (2) 10mm nuts.
27. Install catted or off road lead pipes using 3" clamps.
28. Reinstall rear O2 sensors and the rubber 5/16 hose. (See picture below).



29. Reinstall right and left cross member braces (6) 10mm bolts.
30. Reinstall transmission skid plate (4) 8mm bolts.
31. Reinstall power distribution mount (3) 6mm nuts and the box.
32. Reinstall air box and inlet pipe.
33. Either reconnect lead pipes to factory exhaust using (4) 8mm spring nuts and factory gaskets (as pictured below) or to Stainless Works catback using factory gaskets and supplied 3/8 nuts and bolts.



34. Adjust and tighten front to back.
35. 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.
36. 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. Your system may be tack welded at the joints/ clamps to reduce shifting of the system during heating and cooling cycles. Make certain to disconnect the battery before performing any welding.