



2006-2009 TRAILBLAZER SS EXHAUST INSTALLATION INSTRUCTIONS

Thanks for purchasing a Stainless Works Muscelflow Catback Exhaust for your 2006-2009 Trailblazer SS. We have gone to great pains to make sure that our exhaust systems fit and sound great. There are three basic versions of exhaust systems for your vehicle, and the two Dual Exhaust systems are available for connecting to headers or the factory Y connection point. Please follow these steps to ensure that your installation goes as planned.

1. Disconnect Battery
2. Raise and level the vehicle and support as necessary.

REMOVAL OF OLD EXHAUST

1. Removal of the factory exhaust requires that the system be cut in two pieces. The best place to do this is behind the muffler in the middle of the straight section of pipe.
2. Cut in half with a sawzall, unbolt the two bolts at the front of the lead pipe, remove exhaust from the rubber hangers and pull out.
3. The standard dual exhaust system requires rerouting of the EVAC tubes as described below. (The Center Outlet Dual Exhaust system does not require this.)
4. The EVAC Tubes that vent the exhaust tank and filler tube, run over the top of the rear axle and under a cross member behind the axle. When installing the True Dual exhaust that exits out both sides of the rear bumper, these will have to be moved so they are routed above the cross member behind the rear axle. The picture below shows the before condition routed below the cross member:



5. After rerouting of the EVAC tubes, you will have the necessary clearance for the installed overaxle true dual pipes to fit through this area of the vehicle. Below is a picture of the rerouted EVAC tubes.



6. The first step in installing the standard True Duals with exits out under both sides of the rear bumper on your Trailblazer SS is the modification of the rear valence. Please refer to the valence modification instructions that should be provided in the kit. Perform this modification only if needed for your vehicle. Note this modification is only required for the True Duals that exit out both sides of the rear bumper. It is not needed for single outlet exhausts or center outlet dual exhaust systems.
7. When installing the True Duals Center Outlet system, you will be required to trim the rear bumper to match the picture below. This can be performed with a knife and file. Also, if your vehicle came with a trailer hitch, that will need to be modified as shown in the picture below. This will require removal of the plastic bumper for proper modifications and cutting with a sawzall. You will also need to remove the spare tire and spare tire holding device for the Center Outlet system.



8. Also, only needed if installing the True Dual Center Outlet, you will be required to drill two 13/32" dia. holes in the frame in front of the rear bumper to locate the hanger for the tips. A template is provided for drilling and the picture below shows the location of these two holes as used with the provided hanger.



TRUE DUAL EXHAUST WITH HEADERS INSTALLATION

1. Install X-Pipe into lead pipes and into rubber hanger on the vehicle using (2) 2.5" Accuseal clamps.
2. Install mufflers using (2) Accuseal clamps on the front of the mufflers and the dual hanger clamps (saddle clamps with welded hanger) on outlet end of mufflers and leave loose.
3. Install tailpipes over axle into ends of mufflers using above saddle clamps with hanger.
4. Install second part of tailpipes and tips in vehicle using (2) 2.5" Accuseal clamps for tailpipes and hangers welded to (2) 2.5" Accuseal clamps for tips. (True Dual Standard Outlets). For Center Outlet installation use folded hanger in picture above with blue grommets and two saddle clamps on rear tails.

DUAL EXHAUST TO FACTORY CONNECTION POINT INSTALLATION

1. Install Y-Pipe with flange to factory connection point using supplied 3/8" hardware.
2. Install two straight muffler inlet pipes (15" long) along with (2) 2.5" Accuseal clamps. A special hanger with two saddle clamps will also be used to provide additional support for these straight pipes and the front of the exhaust system. This can be installed now or at the end of the installation after everything is in place.
3. Install mufflers using (2) 2.5" Accuseal clamps on the front of the mufflers and the dual hanger clamps (2.5" Saddle clamps with welded hanger) on outlet end of mufflers and leave loose.
4. Install tailpipes over axle into ends of mufflers using above saddle clamps with hanger.
5. Install second part to tailpipes with tips and hangers using (2) 2.5" Accuseal clamps.
6. Install second part of tailpipes and tips in vehicle using (2) 2.5" Accuseal clamps for tailpipes and hangers welded to (2) 2.5" Accuseal clamps for tips. (True Dual Standard Outlets). For Center Outlet installation use folded hanger in picture above with blue grommets and two saddle clamps on rear tails.

SINGLE CATBACK TO FACTORY CONNECTION POINT INSTALLATION

1. Install leadpipe with flange to factory connection point using supplied 3/8" hardware.
2. Install muffler with (1) 3.5" Accuseal clamp.
3. Install tailpipe using (1) 3.5" Accuseal clamp and hangers.
4. Install tip using 3.5" Accuseal hanger clamp.

FOR ALL SYSTEM INSTALLATIONS

1. Make sure that everything lines up and tighten, starting at the front of the vehicle and moving toward the rear.
2. Lower Vehicle.
3. Reconnect Battery.
4. 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 1/2" of clearance and wrap any suspect areas with DEI thermal barrier wrap.
5. 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.