

## 2019+ RAM 1500

### CATBACK INSTALLATION INSTRUCTIONS

Thanks for purchasing a Stainless Works catback exhaust system for your 2019+ Ram 1500. Our team has worked to ensure that this product is the premium in performance, quality, and fitment. We are proud to say that this system will unleash the true character of your vehicle. We encourage you to read through the following steps, and check the included Bill of Materials before beginning. Please follow these steps to ensure that your installation goes as planned.



**2019+ Ram 1500  
(RAM19CB)**

**a.**

Disconnect the battery before starting work on the exhaust system for your vehicle. Reconnect the battery when the job is completed.

**b.**

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. Jack stands are required for safety reasons.

**c.**

You will assemble the components together as specified below, but only snug the clamps as you move along from front to back. After aligning all the components in the vehicle, you will tighten all the clamps working from front to back of the vehicle.

**d.**

When installing your catback system, make certain that the hangers at the end of the exhaust have at least  $\frac{3}{4}$ " of clearance to the bumper. The exhaust will grow over  $\frac{1}{2}$ " in length and can possibly damage the bumper. If the end of the hangers are too close to the bumper, then you must make sure that you have everything pushed forward onto the slip fit joints more fully.

## DISASSEMBLY

1. Disconnect the battery.
2. Raise and support the vehicle.
3. Remove (2) 16mm bolts from the second 2 bolt flange, just before the larger muffler.
4. Loosen the ball clamps for the left and right tip sections. Remove from vehicle.
5. Loosen the clamp for the rear section of the passenger side tail pipe, above the axle. Remove the rear section from the vehicle.
6. Remove the remaining OEM catback from the hangers and remove it from the vehicle. We recommend raising the frame of the vehicle and allowing the rear axle to hang, allowing the exhaust to be slid out towards the front of the vehicle.

## ASSEMBLY

7. For factory connections, install the SW Y-pipe to the OEM flange using the supplied hardware. (This step will be skipped for performance connections to SW headers.)
8. Install the left and right muffler inlets and the front hanger assembly using (2) 3" clamps.
9. Install both mufflers to the inlet pipes, using (2) 3" clamps.
10. Use the D/S and P/S clamp-hanger assemblies to install the left and right front tail pipe sections.

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*Detail 3: Rear OEM flange connection*



*Detail 7: Factory Y-pipe connection shown*



*Detail 8: Front hanger assembly orientation.  
Shown with performance connection.*

### 11.

Install the left and right rear tails using (2) 3" clamps. Be sure to assemble the hangers into the insulators.

### 12.

Install and align the tips using (2) 3" clamps. The tips will be centered in the rear bumper exit locations.

### 13.

Adjust and tighten the system from front to back. Keep the mufflers level from side to side as the tubes are adjusted.

### 14.

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.

### 15.

After double checking for clearance and making sure all lines, wires and hoses are secured, drive the truck 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.



*Detail 12: Orientation of hanger assemblies behind mufflers.*



*Detail 12: Rear tail section and tip installed.*



*Detail 13: System installed. View from rear of vehicle.*