

# 2021+ RAM TRX 1500 6.2L

## CATBACK INSTALLATION INSTRUCTIONS

Thanks for purchasing a Stainless Works catback exhaust system for your 2021+ Ram TRX 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.



**2021+ Ram TRX 1500**  
(RAM21CBRBC)  
(RAM21CBLBC)

**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.

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## DISASSEMBLY

1. Disconnect the battery.
2. Raise and support the vehicle.
3. Loosen (2) 15mm clamps at tip connections & remove tips from vehicle.
4. Remove (2) rubber isolators from driver & passenger tailpipes.
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 (2) 18mm bolts from the shock on the rear differential; remove shock from vehicle.
7. Remove the rubber isolators and grounding strap from the front & rear of the OEM mufflers.
8. Loosen (2) 15mm clamps after the OEM x-pipe connection point. The catback system can now be removed from the vehicle

## ASSEMBLY

9. Re-install shock to rear differential mount.
10. Install the left and right muffler inlets and the front hanger assembly using (2) 3" clamps and (2) u-bolt clamps. Insert hanger thru rubber isolator.
11. Install both mufflers to the inlet pipes, using (2) 3" clamps.

## 2021+ RAM TRX 1500 6.2L

### CATBACK INSTALLATION INSTRUCTIONS PAGE 2



*Detail 3: OEM tip connection*



*Detail 5: Passenger side OEM rear tailpipe clamp connection*



*Detail 7 / 8: Front muffler hanger, grounding strap & catback clamp connection point.*

53144  
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**12.**

Install passenger tailpipe over muffler outlet with (1) 3" clamp. Slide clamp hanger over outlet end & insert thru rubber isolator.

**13.**

Install the driver side tailpipes using (2) 3" clamps. Slide clamp hanger over driver outlet end & insert hanger thru rubber isolator.

**14.**

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

**15.**

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

**16.**

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.

**17.**

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.

## 2021+ RAM TRX 1500 6.2L

### CATBACK INSTALLATION INSTRUCTIONS PAGE 3



*Detail 10: Muffler inlet pipes & u-bolt clamps attached to front hanger assembly.*



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

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