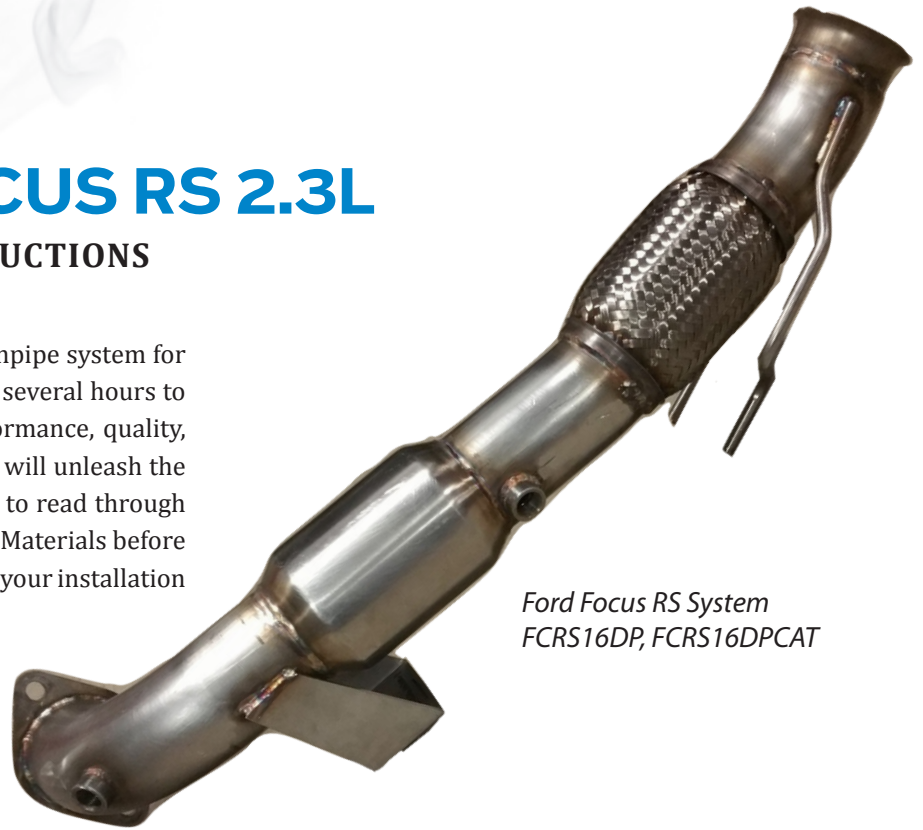


2016-17 FORD FOCUS RS 2.3L

DOWNPIPE INSTALLATION INSTRUCTIONS

Thank you for purchasing a Stainless Works Downpipe system for your 2016-17 Ford Focus RS. Our team has spent several hours 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.



*Ford Focus RS System
FCRS16DP, FCRS16DPCAT*

1.

Stainless Works recommends the use of Hi-Temp RTV sensor safe silicon gasket maker as an option 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 to 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 hard level surface. Jack stands are required for safety.



Detail 1

DISASSEMBLY

4.

Disconnect battery.

5.

Raise and support vehicle.

6.

Remove the engine cover from the top of the engine.

7.

Loosen clamps and remove the breather tube from the air intake tube, on the section closest to the air box. Remove the 6mm bolt holding the tube to the engine and remove the tube.

8.

Unplug and unloom the O2 sensors. The sensors themselves can be removed later.

9.

Remove the (10) Torx screws and the (4) push clips from the engine service cover and remove.

10.

Remove the first 2 push clips from the covers on the right and left sides of the car. This will allow access to the bolts holding the crossmember in.

11.

Remove the (2) 8mm nuts and (4) 10mm bolts for the crossmember.

12.

Remove (1) 16mm bolt and (2) 10mm bolts from the driver side sub frame bracket and remove.

13.

Remove the clamp at the factory connection point and unhook the exhaust from the front hanger to allow for downpipe removal.

14.

Remove (2) 8mm bolts from rear downpipe hanger.

15.

Remove (1) 8mm nut from front downpipe hanger and loosen (1) 8mm nut holding the bracket to the transmission.

16.

Remove the lower O2 sensor.

17.

Remove (2) 10mm nuts from the flange on the downpipe at the turbo. It may be helpful to remove the driver side front tire to gain access to these nuts.

18.

The OEM downpipe can now be removed from the vehicle. Remove the upper O2 sensor from the factory downpipe and transfer to your Stainless Works downpipe.

SW DOWNPIPE INSTALLATION

19.

Install the downpipe, securing the flanged end using the (2) 10mm nuts that were removed and use the OEM gasket to seal at the turbo.

20.

Install the rear hanger to the SW downpipe and secure to vehicle using (2) 8mm bolts.

21.

Assemble front hanger using (1) 8mm nut and tightening the bottom nut.

22.

The lower O2 sensor can now be installed. Plug upper and lower O2 sensors back in, making sure all wires are clear of the exhaust.

23.

Reinstall the subframe brace and the crossmember.



Detail 23

24.

Connect exhaust to your Stainless Works downpipe using the factory clamp. Reinstall into hanger.

25.

Reinstall engine service cover using the (10) Torx screws and the (4) clips.

26.

Reinstall the air intake tube and the engine cover.

27.

Reconnect the battery.

28.

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.



Detail 24