

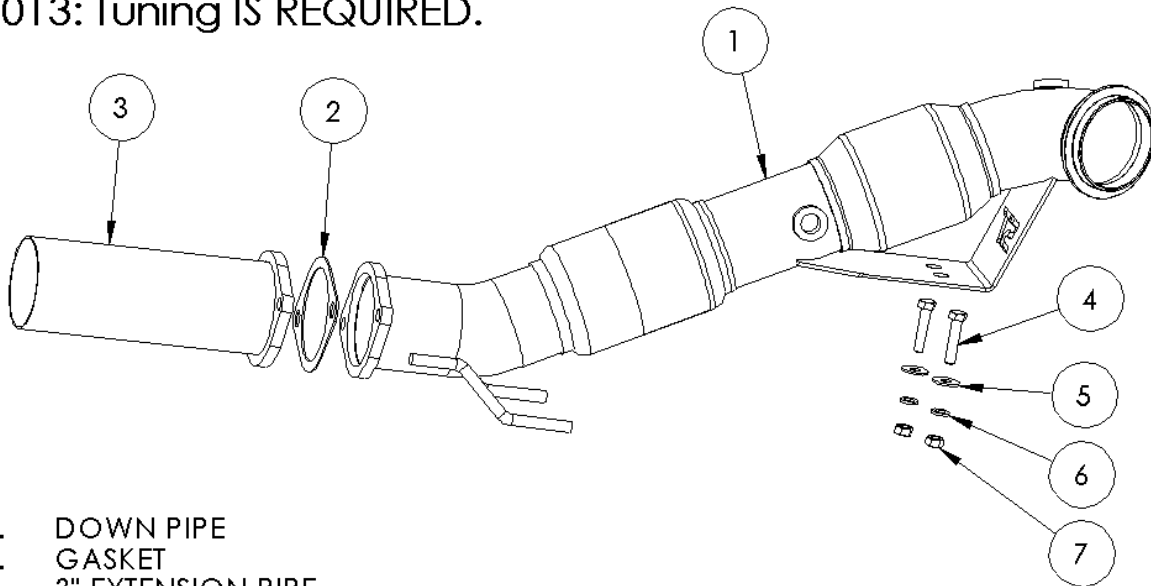
# FGX012 / CFGX013

DOWN PIPE 3", 2013-UP FOCUS ST



FGX012: Tuning MAY BE REQUIRED to eliminate MIL light.

CFGX013: Tuning IS REQUIRED.



1. DOWN PIPE
2. GASKET
3. 3" EXTENSION PIPE
4. 5/16" x1 1/2" BOLT (2 PCS)
5. 5/16" FLAT WASHER (2 PCS)
6. 5/16" LOCK WASHER (2 PCS)
7. 5/16" HEX NUT (2 PCS)

NOTE: FLANGE MOUNTING HARDWARE IS SUPPLIED WITH THE S4200 CAT BACK SYSTEM. FACTORY HARDWARE IS REUSED WITH FACTORY CAT BACK.

## PLEASE READ BEFORE STARTING INSTALLATION

While MBRP Inc. has made every effort to ensure that all components of this system are of superior quality and properly packaged, it is the installer's responsibility to ensure the following before removal of the factory exhaust:

- that ALL components shown above are present.
- that ALL mating components fit together.
- that there are no damaged components.
- that the system you have purchased is appropriate for your vehicle year, model and configuration.
- that the system will not interfere with any modifications previously installed or planned.
- that you have read and understand these instructions.

If you have any questions or are uncertain about any aspect of the installation of this system to your vehicle please contact your dealer before commencing installation.

## Ford Focus ST

### Removal of Stock Down Pipe:



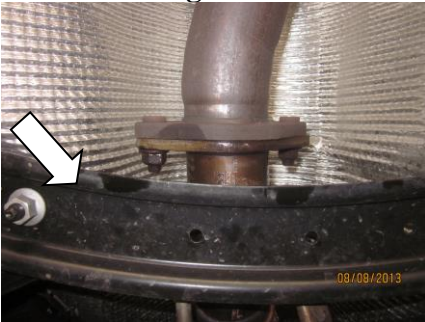
**Figure 1**



**Figure 2**



**Figure 3**



**Figure 4**



**Figure 5**

1. Remove the engine cover and the air intake pipe to access the oxygen sensor connectors.

**Refer to Figures 1 and 2.**

2. Carefully disconnect the oxygen sensor connectors. The front sensor connector is attached to a bracket bolted to the cylinder block. Note the routing of the wires and the two small plastic wire guides that clip on the factory steel lines. Access is indicated by the arrow in Figure 2.

**Refer to Figure 2.**

3. Lower the rear of the under car engine cover.

**Refer to Figure 3.**

4. Remove the two nuts from the front resonator assembly.

**Refer to Figure 4.**

5. Remove the cross member that sits just below the down pipe outlet.

**Refer to Figure 4 (Arrow).**

6. Remove the catalytic converter support bracket. Retain the bracket, the mesh isolator and the hardware for installation.

**Refer to Figure 5.**

7. Loosen the V-band clamp on the turbocharger outlet enough to release it.



**Figure 6**

8. Unbolt the down pipe isolator mount and carefully remove the factory down pipe from the vehicle. Take care not to damage the oxygen sensors or wiring.

**Refer to Figure 6.**

9. Remove the oxygen sensors, isolator mount, and gasket (on the V-band flange) from the down pipe. Remember the oxygen sensor locations.

### Installation of MBRP Inc. Performance Exhaust:

1. Install the factory oxygen sensors in the **Down Pipe**, taking care to place the oxygen sensors in the correct positions. Install the V-band gasket and the isolator mount onto the **Down Pipe**.

2. If installing on a vehicle already equipped with *MBRP*'s 3" cat back system (S4200) remove the 2.5" flanged extension pipe from the front muffler. Retain the band clamp for re-installation.

3. Carefully feed the **Down Pipe** over the cross member up towards the turbocharger taking care not to damage the oxygen sensors or wiring. Feed the oxygen sensor wiring along the original path and secure with the factory clips. Connect the oxygen sensor wiring.

**Refer to Figure 7.**

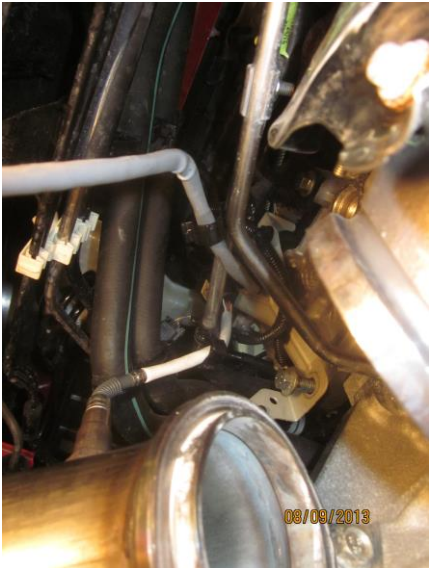
4. Install the **Down Pipe** into the turbocharger and connect using the factory V-band clamp. Do not completely tighten the V-band clamp.

5. Install the factory isolator mount.

6. Install the factory catalytic converter support bracket, and mesh isolator using the factory spacers and supplied 5/16" Hardware.

**Refer to Figure 8.**

7. If installing on a vehicle already equipped with *MBRP*'s 3" cat back system (S4200) install the 3" **Extension Pipe** in the front muffler using the existing band clamp. Do not tighten the band clamp at this time.



**Figure 7**



**Figure 8**





**Figure 9**

8. Install the **Gasket** and attach the **Down Pipe** to the **3” Extension Pipe** (or the factory exhaust).

**Refer to Figure 9.**

9. Re-install the cross member.

10. Align the exhaust as required. Starting at the front of the exhaust, tighten all clamps, hangers and connections. Ensure each joint is secure.

11. Check along the entire length of the exhaust system to ensure that there is adequate clearance between the exhaust system and heat shields, cross members, and body panels.

12. Raise and re-attach the under car engine cover.



**Congratulations!** You are ready to begin experiencing the improved power, sound and driving experience of your **MBRP Inc.** performance exhaust system. We know you will enjoy your purchase.