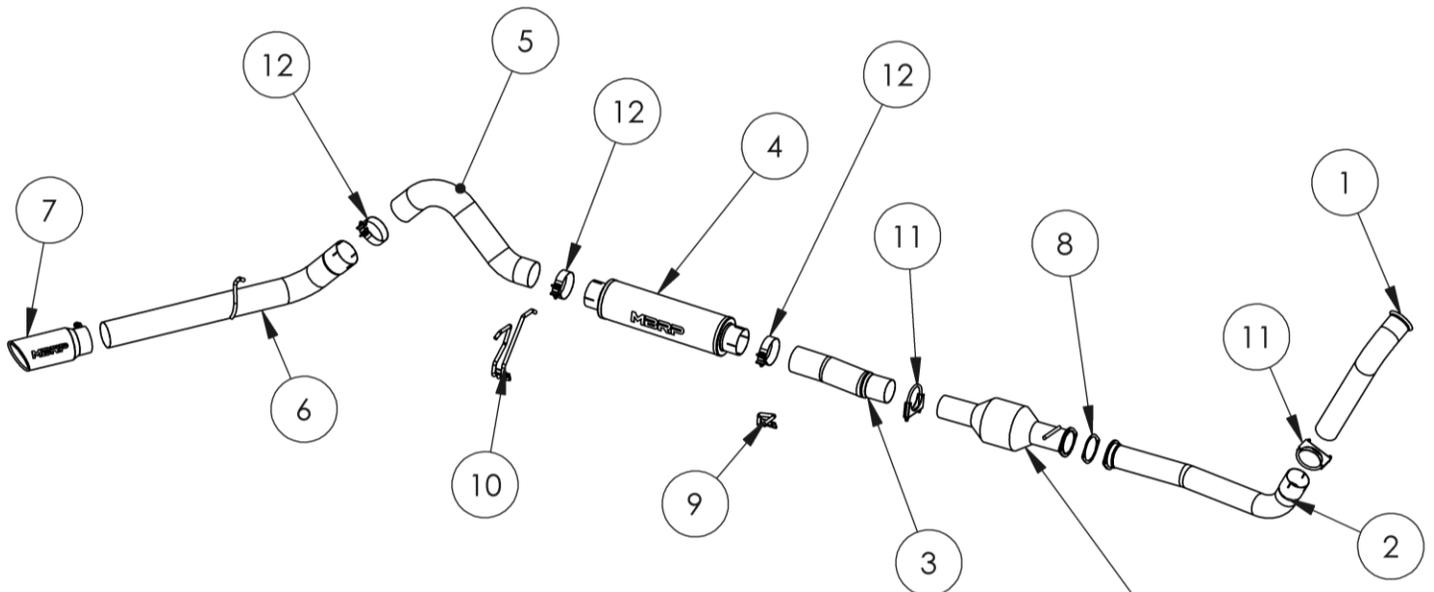


# S6216

03-05 FORD EXCURSION 6.0L  
POWERSTROKE, TURBO BACK (STOCK  
CAT), 4" SINGLE SIDE

# MBRP



1. DOWN PIPE
2. MID PIPE
3. EXTENSION PIPE
4. PERFORMANCE MUFFLER
5. OVER AXLE PIPE
6. TAIL PIPE
7. EXHAUST TIP
8. GASKET
9. FRONT HANG TIGHT™ HANGER
10. REAR "T" HANG TIGHT™ HANGER
11. 3 1/2" SADDLE CLAMP (2 PCS)
12. 4" BAND CLAMP (3 PCS)

STOCK CATALYTIC  
CONVERTER

## 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.

# MBRP

## Removal of Stock System:

1. Apply a penetrating lubricant liberally to all exhaust fasteners, hangers and rubber insulators.

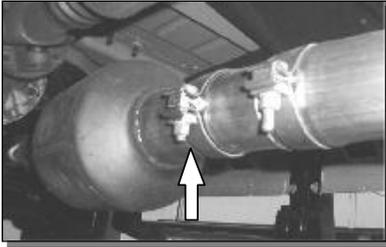


Figure 1

2. Loosen the nut on the band clamp located behind the catalytic converter using a 15mm wrench or socket. **See Figure 1.**

3. Remove the muffler and tail pipe from the OEM rubber hangers. To remove the system in one piece, on 03-04 models, the bottom shock bolt of the passenger side shock must be removed. **This is not required on 05 or 06 models.** Separate the stock exhaust at the slip joint located behind the catalytic converter and remove the muffler and tail pipe from under the truck. Re-install the bottom shock bolt.



Figure 2

4. Remove the catalytic converter by removing the two nuts holding the inlet flange together using a 15mm wrench or socket. Retain the nuts for the re-installation of the catalytic converter. **See Figure 2.**

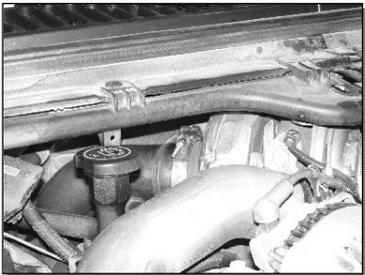


Figure 3

5. Remove the down pipe from the turbo by removing the band clamp using an 11mm socket. Retain the band clamp for the installation of the new down pipe. **See Figure 3.**

Cut the down pipe in front of the transmission cross member to remove. (**Note:** The stock down pipe can be removed in one piece by removing the transmission cross member. MBRP Inc. recommends that this procedure only be done by qualified, trained professionals using tools and equipment designed to safely carry out this process.)

## Installation of MBRP Performance Exhaust

1. Install the **Down Pipe** in the same position as the stock down pipe and attach the flared end to the turbo using the stock band clamp. Do not fully tighten until all components are in place.

**See Figure 4.**



Figure 4

2. Attach the **Mid Pipe** to the **Down Pipe** using a **3 1/2" Clamp** to secure the slip joint. **See Figure 5.**



Figure 5

# MBRP



Figure 6

3. Attach the factory catalytic converter to the **Mid Pipe** by placing the gasket supplied between the flanges and installing the two nuts that were removed previously. **See Figure 6.**



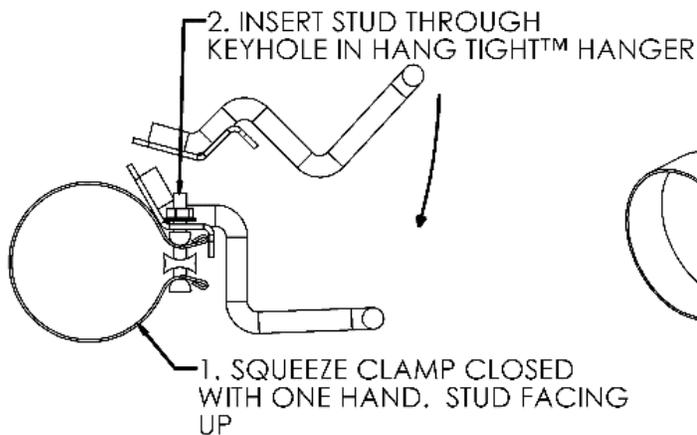
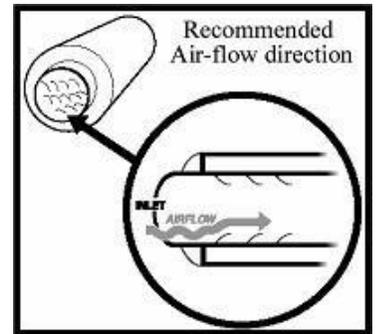
Figure 7

4. Install the **Extension Pipe** over the catalytic converter. **See Figure 7.**

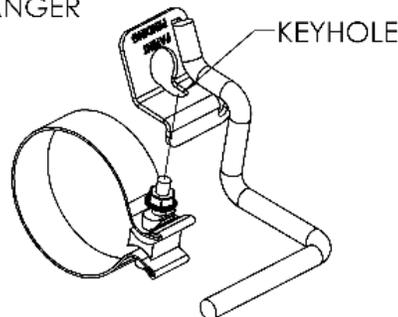


Figure 8

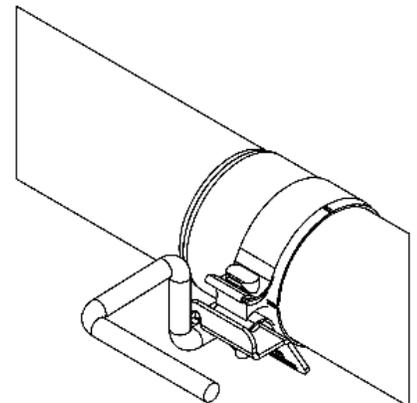
5. Install the **Muffler** over the **Extension Pipe**. The **Front Hang Tight Clamp** is used at the connection between the **Muffler** and the **Extension Pipe** and installed into the OEM rubber hanger at this position. Install the **Rear "T" Hang tight™ Clamp** into the two OEM rubber hangers located above the outlet of the **Muffler**. **See Figure 8. See Figure** for instructions to assemble Hang Tight™ hanger.



2. INSERT STUD THROUGH KEYHOLE IN HANG TIGHT™ HANGER



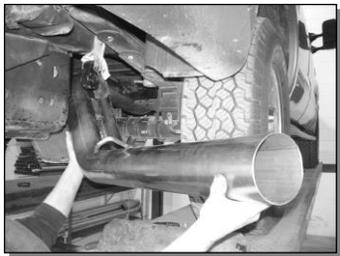
3. ROTATE HANG TIGHT™ HANGER TO SEAT THREADED STUD IN SLOT. BE SURE THE NUT IS ABOVE THE BRACKET



AS INSTALLED ON VEHICLE

Figure 9

# MBRP



6. Install the **Tail Pipe** from the rear of the truck, over the axle and attach to the **Muffler Outlet**. Install the tail pipe hanger into the OEM hanger, and then adjust for best axle clearance and **Tail Pipe** exit location to complete. **See Figure 10.**

**Figure 10**

7. Tighten all hardware and clamps, starting at the front and working rearward to secure the system. Check along the full length of the exhaust system to ensure there is adequate clearance for fuel lines, vent lines, brake lines, frame, bodywork, suspension, and any wiring, etc. If there is any interference detected, relocate, or adjust to provide adequate clearance. Ensure all clamp connections are secure and components are unable to rotate or slide. Band clamps require approximately 45 lb-ft (60 N-m) of torque. Verify clearances, system security and band clamp torque after 30-60 miles (50-100 km) of driving.



**Congratulations!** You are ready to begin enjoying the improved performance and driving experience of your MBRP Inc. performance exhaust system. We hope you enjoy your purchase.