



# MBRP

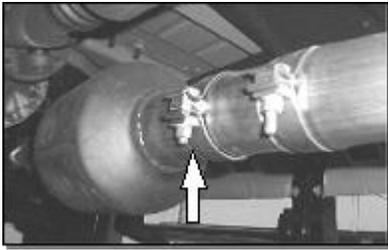


Figure 1



Figure 2

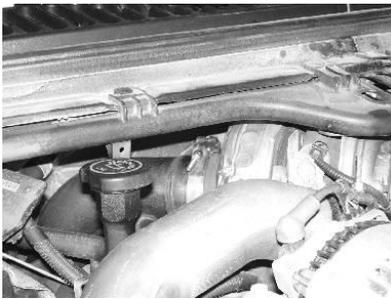


Figure 3



Figure 4



Figure 5

## Removal of Stock System:

1. Apply a penetrating lubricant liberally to all exhaust fasteners, hangers and rubber insulators.
2. Loosen the nut on the band clamp located behind the catalytic converter. **Refer to 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 to 07 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.
4. Remove the catalytic converter by removing the two nuts holding the inlet flange together. **Refer to Figure 2.**
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. **Refer to 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:

**Note:** Vehicles originally equipped with a catalytic converter must retain the factory catalytic converter. Removal of the catalytic converter may be a violation of federal or local regulations.

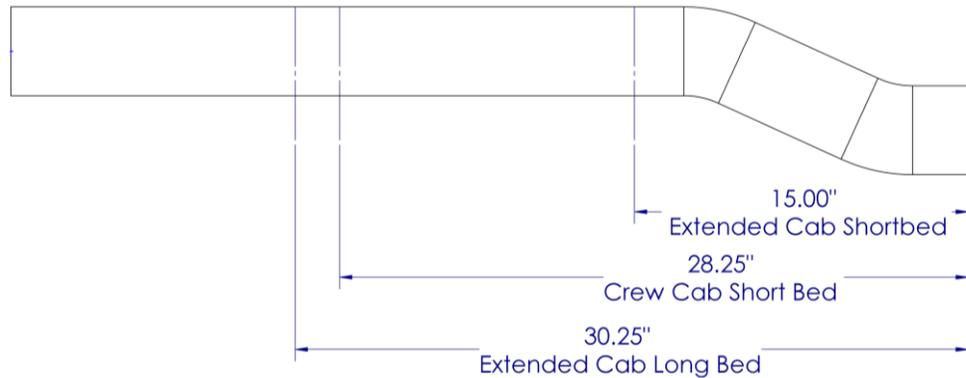
1. Install the **Down Pipe** in the same position as the stock down pipe and attach the flared end to the turbo using the stock band clamp. Do not fully tighten until all components are in place. **See Figure 4.**
2. Attach the **Mid Pipe** to the **Down Pipe** using the **3 1/2" Clamp** to secure using the slip joint. **See Figure 5.**
3. Attach the **4" Adaptor** to the **Front Pipe** with a **4" Band Clamp**.

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Figure 6

4. Attached the factory catalytic converter to the **4" Adaptor** by placing the **Gasket** supplied between the flanges and installing the two nuts that were removed previously.
5. Attach the **Adaptor 3.5" to 4"** to the outlet of the catalytic converter using and **3.5" Band Clamp**.
6. Install the **Extension Pipe** into the **Adaptor 3.5" to 4"**. The **Extension Pipe** provided is pre-cut for the crew cab long bed configuration. All other configurations will require this pipe to be cut.



7. Install the **Hang Tight™ Hangers** onto **4.0" Band Clamp** using the procedure shown below. (Hang Tight™ Hanger not exactly as shown).

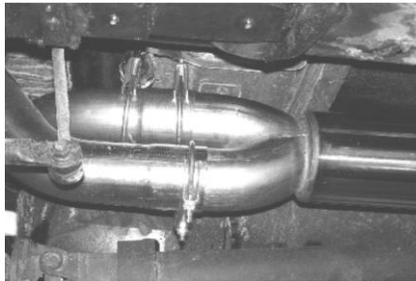
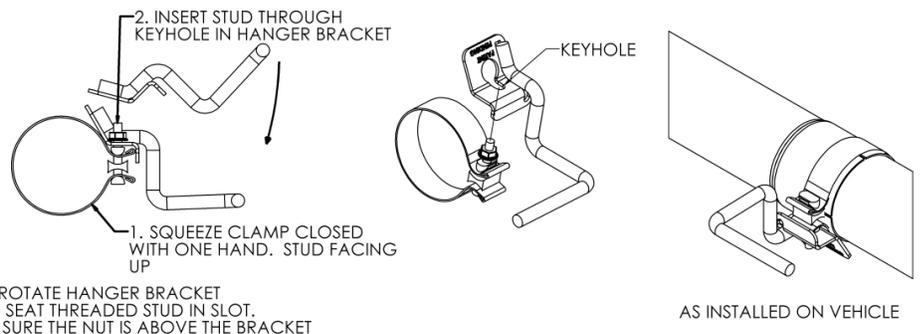


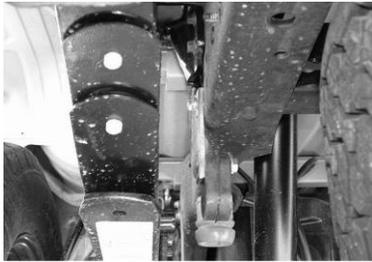
Figure 7

8. Install the appropriate **Hang Tight™ Hanger** assembly (best fit) over the **Extension Pipe** and into the OEM rubber isolator.
9. Install the **Muffler** over the **Extension Pipe**. Install the **long Hang Tight™ Hanger** assembly at the connection between the **Muffler** and the **Extension Pipe**. See **Figure 6**.
10. Position the **Muffler** outlets vertically. See **Figure 7**.
11. Install the **Over Axle Pipe** connecting the slip joint to the top outlet of the dual outlet **Muffler**. Do not tighten to allow for adjustment. See **Figure 7**.

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**Figure 8**



**Figure 9**



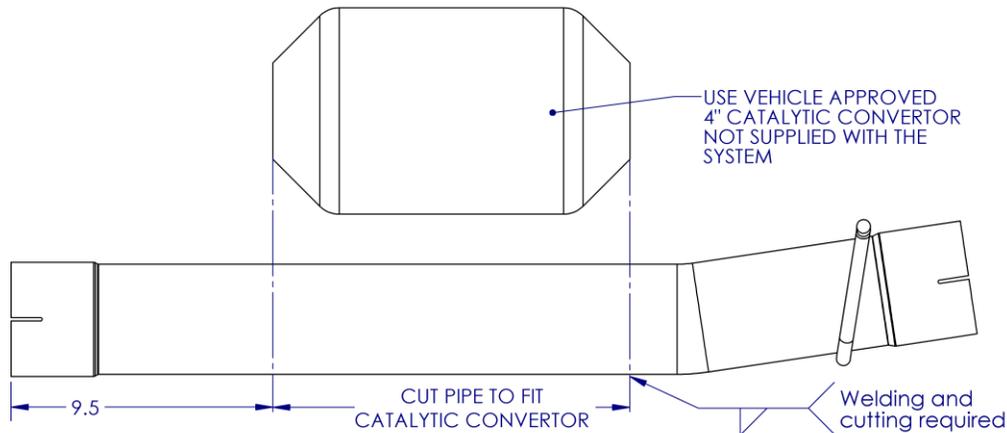
**Figure 10**

12. Install the **4" T- Hanger Clamp** into the two OEM rubber isolators located above the outlets of the **Muffler**. The **4" T-Hanger Clamp** provided is used at this location to support the exhaust. It is positioned around the **Driver Side Over Axle Pipe** and is not used as a sealing clamp. See **Figure 7**.
13. Connect the **Driver Side Tail Pipe** to the **Driver Side Over Axle Pipe**. Lift the **Driver Side Tail Pipe** into approximate position. See **Figure 8**. Using the factory hole located in the frame, found directly above the tail pipe hanger, attach the **Hanger Assembly** provided using the 7/16" hardware provided. See **Figure 9**. Hang the **Driver Side Tail Pipe** using the installed **Hanger Assembly**.
14. Install the **Passenger Side Tail Pipe** from the rear of the truck, over the axle and attach to the lower outlet of the **Muffler**. Install the tail pipe hanger into the OEM hanger to complete the passenger's side.
15. Install the provided **Clamps** around the pipes where needed. 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.
16. Install and adjust the **Exhaust Tips** to suit. Tighten the lock bolt located on each **Exhaust Tip**.

## **Installation of MBRP Performance Exhaust Replaces Stock Cat**

1. If the Catalytic Converter needs to be replaced use the **Adaptor Pipe** provided and a Catalytic Converter (Not included) See **Figure 11**. Cutting and welding are required.

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ADAPTOR PIPE TO WORK WITH 4" CATALYTIC CONVERTORS  
MAGNAFLOW 60011 (Federal compliance) or comparable  
product.  
Check and follow regulations where your vehicle is registered  
before proceeding.

**Figure 11**

2. Follow the **Installation of MBRP Performance Exhaust Retains Stock Cat** but use the new welded Catalytic Converter & **Adaptor Pipe** instead of the items used in Steps (3-5). The **Adaptor Pipe** Assembly attaches to the **Front Pipe** with a **4" Band Clamp**. The **Extension Pipe** can be installed **directly to the Adaptor Pipe** Assembly with a **4" Band Clamp**.



**Congratulations!** You are ready to begin experiencing the improved power, sound and driving excitement of your **MBRP** Performance Exhaust system. We know you will enjoy your purchase.