

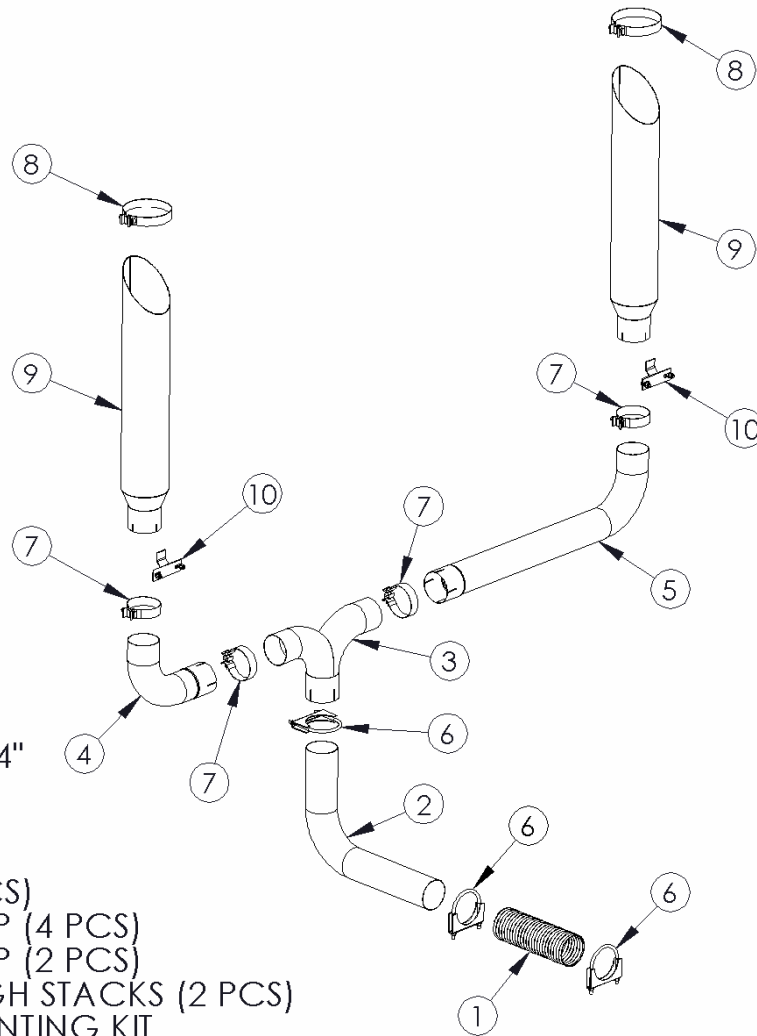
# S9102

04.5-07 5.9L DODGE CUMMINS, CAT  
BACK & 07-09, 6.7L DODGE CUMMINS  
(MC/SB ONLY) FILTER BACK SMOKERS c/w  
B1610 STACKS

# MBRP

INC.

PERFORMANCE EXHAUST



1. FLEX PIPE
2. ELBOW - 20" x 14"
3. T-PIPE
4. ELBOW - 13"
5. ELBOW - 37"
6. 4" CLAMP (3 PCS)
7. 4" BAND CLAMP (4 PCS)
8. 6" BAND CLAMP (2 PCS)
9. 6" DIA. x 36" HIGH STACKS (2 PCS)
10. SMOKERS MOUNTING KIT

## 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.

## Removal of Stock System:

1. Apply a penetrating lubricant liberally to all exhaust fasteners, hangers and rubber insulators.
2. Remove the exhaust system from the rubber insulators and remove all clamps from the Catalytic Converter back.
3. Separate the slip joint behind the Muffler and remove the Tail Pipe. Next, separate the slip joint located behind the Catalytic Converter and remove the Muffler and Extension Pipe.

## Installation of MBRP Inc. "Smokers™"



Figure 1



Figure 2



Figure 3

1. Loosely assemble the in bed portion of the **"T" Pipe** assembly. Some models may require trimming of the **"T" Pipe** in order to accommodate the width of the truck bed and the stacks that have been purchased. Be sure to place the **Band Clamps** over the pieces before they are assembled.
2. Place the stacks onto the **13"** and **37"** **Elbows** assembled to the **"T" Pipe** and place in the desired position in the truck bed. The **37"** **Elbow** should be on the driver side so that the **"T" Pipe** passes through the bed floor on the passenger side. **See Figure 1.**
3. Place the **Mounting Brackets** between the stacks and the front of the truck bed so that the stacks are properly spaced from the front of the truck bed. Center the **Mounting Brackets** on the stacks and mark the front of the truck bed in the center of the slotted holes in the **Mounting Brackets**. Center punch the marks and drill holes to accommodate a **3/8"** **Bolt**. **See Figure 2.**
4. Loosely attach the **Mounting Brackets** to the front of the truck bed using the **3/8"** hardware supplied. Set the stacks up in the bed and loosely attach them to the **Mounting Brackets**. Make sure the stacks are in the desired position and the **"T" Pipe** assembled with the **13"** and **37"** **Elbows** is level.
5. Mark the bed floor where the **"T" Pipe** is resting. MBRP Inc. recommends tracing around where the **"T" Pipe** meets the bed floor. **See Fig 3.** Remove the stacks, **"T" Pipe** and **Elbows** from the bed of the truck. Find the center of the circle traced onto the bed floor, mark and center punch it. Go under the vehicle and locate the center punch mark. This marks the location where you are going to cut a hole for the **"T" Pipe** to pass through the bed of the truck. If you cannot find the center punch mark measure to it in the bed and transfer these measurements under the vehicle. Make sure that there is clearance for the **20"** **Elbow** to pass by any frame cross members.



Figure 4

6. Cut a hole through the truck bed providing adequate clearance around the part of the “T” Pipe that passes through the truck bed. MBRP Inc. recommends using a 5” diameter hole saw. It may be required to cut part of a bed rail away. See Figure 4.

7. Set the “T” Pipe, assembled with the 13” and 37” Elbows at the desired height from the floor of the bed (This will set the height of the stacks). Using spacers to hold the “T” Pipe and both 13” and 37” Elbows at the desired height, loosely attach the stacks to the Mounting Brackets making sure that they are straight. This will hold the assembly steady while you line the system up to the exhaust under the vehicle. See Figure 5.



Figure 5

8. Measure from the “T” Pipe slip joint to the exhaust system that you are connecting to (back of Catalytic Converter or DPF). Mark and cut the shorter side of the Elbow to the required length so that it lines up with the front part of the exhaust system. See Figure 6.

9. Loosely install the Flex Pipe behind the Catalytic Converter or DPF. Loosely attach the Elbow to the “T” Pipe slip joint and measure to the Flex Pipe. Mark and cut the Elbow to the required length. Attach the Elbow to the “T” Pipe slip joint and Flex Pipe. Be sure to slide the required Clamps over the Elbow and Flex Pipe before connecting. See Figure 6.



Figure 6

10. Make sure that the Mounting Brackets are centered on the Stacks and tighten fasteners holding the Mounting Brackets to the front of the truck bed. Tighten all the Clamps making sure the “Smokers™” remains properly aligned.

11. Install remaining Clamps around pipes where required. Check along the whole length of the exhaust system to ensure that there is adequate clearance around the fuel and brake lines or any wiring. If any interference is detected, relocate or adjust.



Shown with 6” X 36” Stacks (B1610) and Cover (BB0002)

**Congratulations!** You are ready to begin experiencing the improved power, sound and driving excitement of your MBRP Inc. “Smokers™”. We know that you will enjoy your purchase!