

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 in the illustration on page 2 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.
- 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.

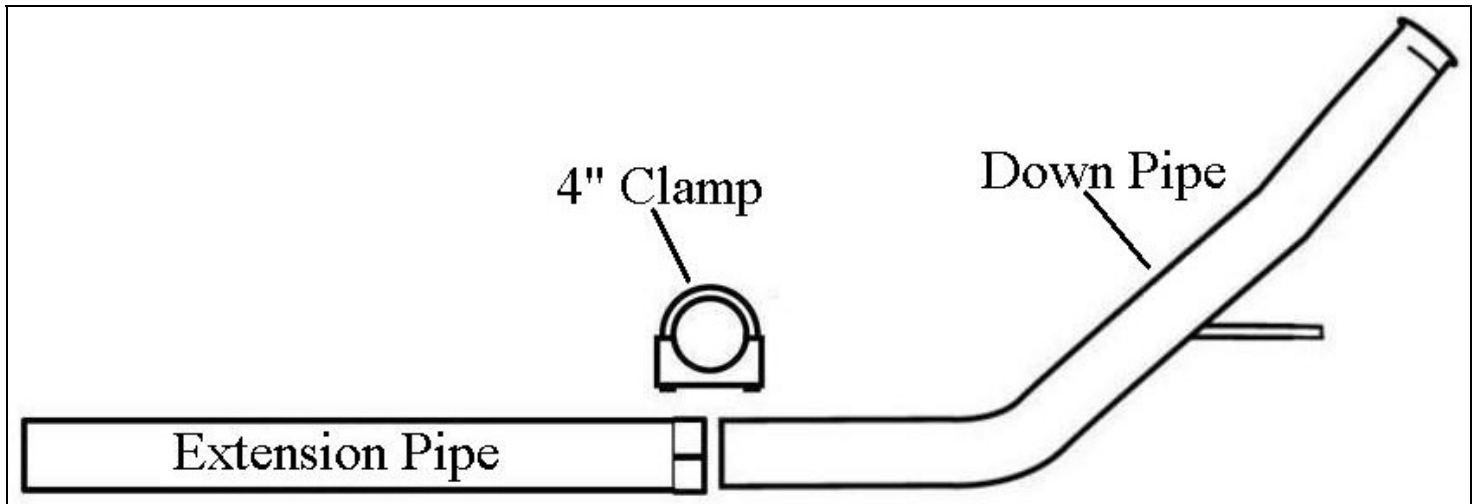
"Smokers™"

Installation Instructions for System; S8101409

2003-2004 Dodge Ram 2500/3500 5.9L Cummins

Please Note: For full installation you will require the appropriate Stacks Please check with you dealer for details.

Installing Your Front Section of MBRPinc. "Smokers™":



- 1 PC - Down Pipe
- 1 PC - Extension Pipe
- 1 PCS - 4" Clamp

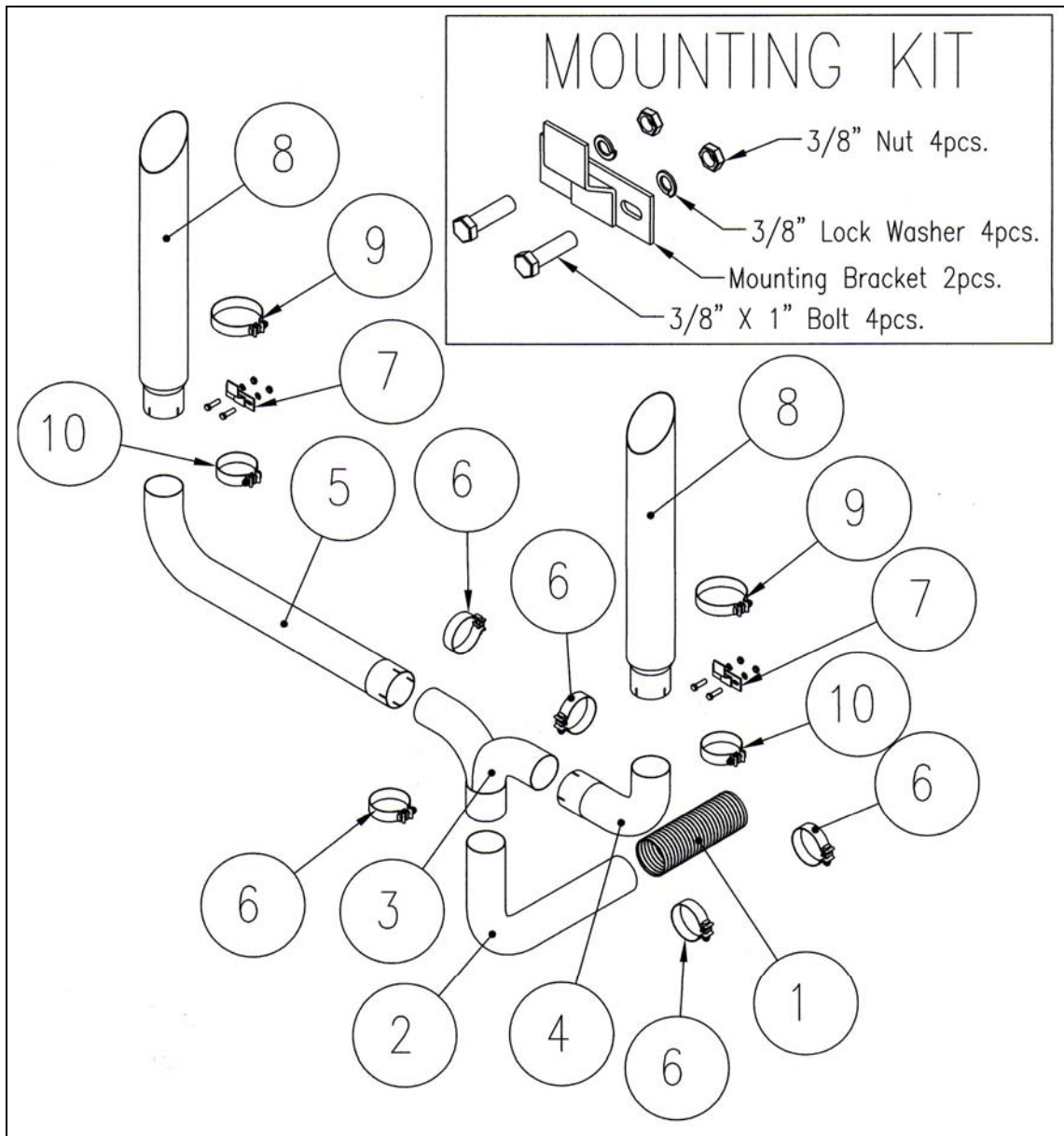
Removal of Stock System:

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 of the clamps from the system.
3. Separate the slip joint behind the muffler and remove the tail pipe. Next, separate the slip joint connecting the down pipe and the extension pipe to remove the muffler and extension pipe. Now loosen the band clamp connecting the down pipe to the turbo and remove the down pipe. **Do not discard the band clamp as it is required for the installation.**

Installing Your Front Section of MBRPinc. "Smokers™":

1. Install the **Down Pipe** in the same position as the stock down pipe by sliding the hanger into the OEM hanger bracket and then attaching the flared end to the turbo using the stock band clamp. Do not fully tighten until all components are in place.
2. Loosely install the **Extension Pipe** over the **Down Pipe**. The **Extension Pipe** may require cutting to accommodate vehicles other than the Quad Cab long bed.

Installing Your Rear Section of MBRPinc. "Smokers™":



Included in this kit:

1.	Flex Pipe	1 pc.
2.	Elbow	1 pc.
3.	"T" Pipe	1 pc.
4.	Short 90	1 pc.
5.	Long 90	1 pc.
6.	4" Accuseal Clamp	5 pcs.
7.	Mounting Kit	

Included in the Stack kits:

8.	Stack (Purchased Separately)	2 pcs.
9.	Accuseal Clamp (Comes with Stack)	
10.	4" Accuseal Clamp (Comes with Stack)	



Figure 1



Figure 2



Figure 3



Figure 4



Figure 5

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 clamps over the pieces before they are assembled.

2. Place the **Stacks** onto the **“T” Pipe** assembly and place into the desired position in the truck bed. The **“Long 90”** should be on the driver side so that the **“T” Pipe** passes through the bed floor on the passenger side. Refer to 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 Bracket** on the **Stack** 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**. Refer to 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** assembly is level.

5. Mark the bed floor where the **“T” Pipe** is resting. MBRPinc. recommends tracing around where the **“T” Pipe** meets the bed floor. Refer to figure 2. Remove the **Stacks** and **“T” Pipe** assembly 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 **Elbow** to pass by any frame cross members. Remove or modify any heat shields that there is any interference shields that there is any interference with.

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

7. Set the **“T” Pipe** assembly 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** 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. Refer to figure 5.



Figure 6

8. Measure from the “**T**” **Pipe** slip joint to the exhaust system that you are connecting to. 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. Refer to figure 6.



Figure 7

9. Loosely install the **Elbow** into the “**T**” **Pipe**. Measure and mark the **Elbow** and **Extension Pipe** so that you will use the full length (12”) of **Flex Pipe**. Cut the pieces to the required lengths. Refer to figure 7.

10. Attach the **Elbow** to the “**T**” **Pipe** slip joint and then attach the **Flex Pipe** to both the **Elbow** and the front part of the exhaust system. Be sure to slide the required **Clamps** over the **Elbow** and **Flex Pipe** before connecting it to the vehicle’s exhaust system.
11. Make sure that the **Mounting Brackets** are centered on the **Stacks** and tighten the fasteners holding the **Mounting Brackets** to the front of the truck bed. Tighten all the **Clamps** making sure that the “*Smokers*™” remains properly aligned.
12. 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 4” X 36” Stacks (B1410)

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