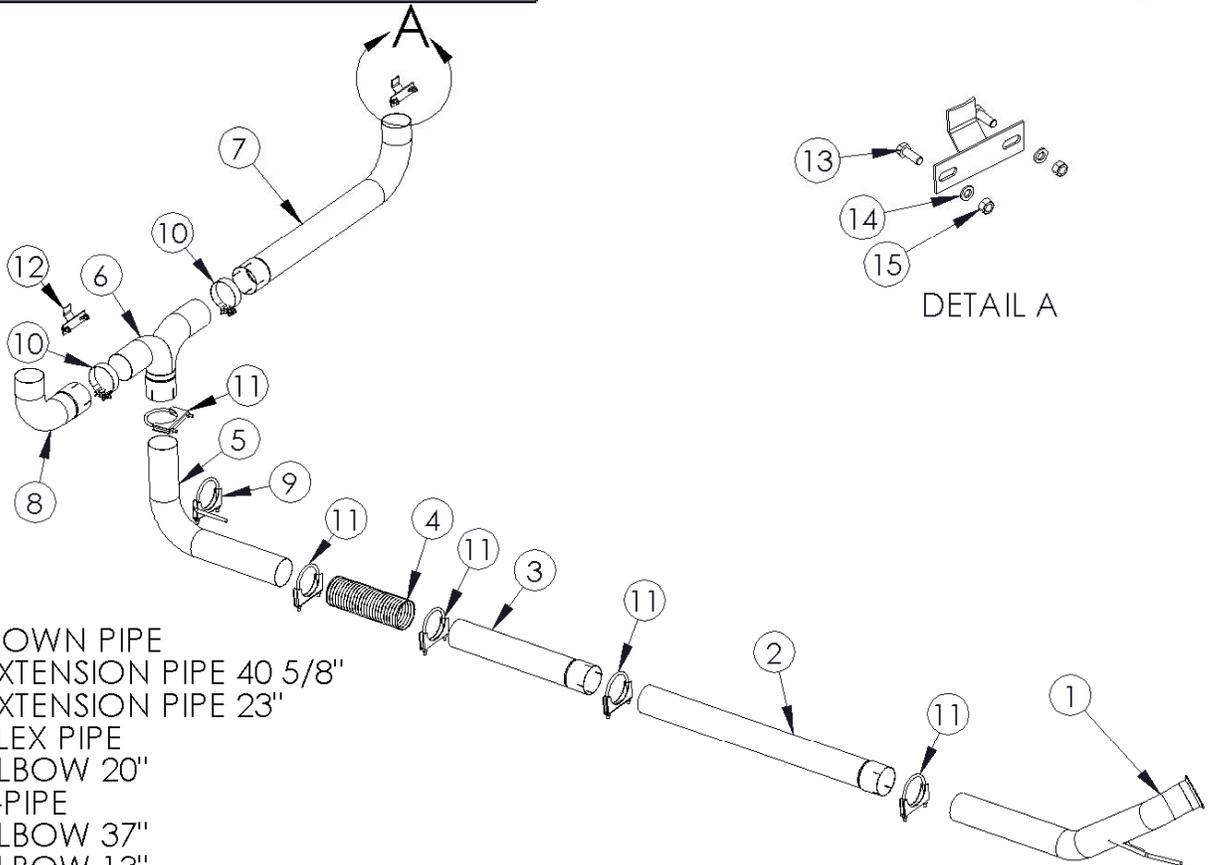


S8120

04 1/2 - 07 DODGE CUMMINS 600/610,
4" TURBO BACK SMOKERS™



1. DOWN PIPE
2. EXTENSION PIPE 40 5/8"
3. EXTENSION PIPE 23"
4. FLEX PIPE
5. ELBOW 20"
6. T-PIPE
7. ELBOW 37"
8. ELBOW 13"
9. HANGER CLAMP
10. BAND CLAMP 4" 2PCS
11. SADDLE CLAMP 5PCS
12. STACK MOUNTING BRACKET 2PCS
13. 3/8" HEX BOLT 2PCS
14. 3/8" LOCKWASHER 2PCS
15. 3/8" HEX NUT 2PCS

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:

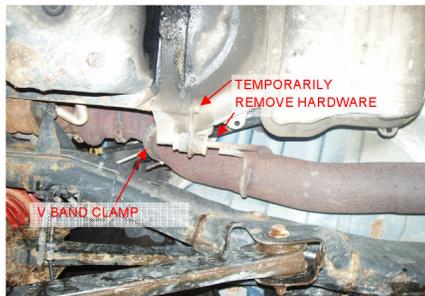


Figure 1

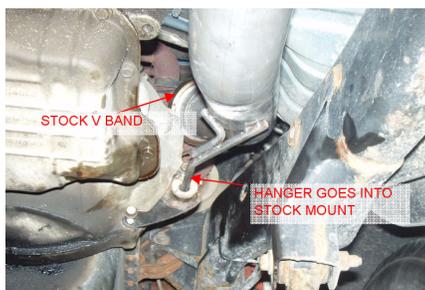


Figure 2

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. Then, separate the slip joint located behind the catalytic converter and remove the muffler and extension pipe. Remove the catalytic converter by separating the slip joint located between the down pipe and the catalytic converter. Finally 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. See Figure 1.**
4. Remove the OEM down pipe hanger bracket from the bell-housing. **Do not discard this part and hardware as they are required for the installation. See Figure 1.**

Installation of MBRP Inc. "Smokers™":



Figure 3



Figure 4

1. Slide the OEM down pipe hanger bracket onto the **Down Pipe** hanger. Install the **Down Pipe** in the same position as the stock down pipe by reattaching the hanger bracket to the bell-housing and then attaching the flared end to the turbo using the stock band clamp. Do not fully tighten until all components are in place. **Refer to Figure 2.**
2. Loosely install the **Extension Pipe 40 5/8"** over the **Down Pipe**. The **Extension Pipe** may require cutting to accommodate vehicles other than the Quad Cab long box. **Refer to Figure 3.**
3. Loosely assemble the in bed portion of the **T-Pipe assembly (T-Pipe, 13" Elbow and 37" Elbow)**. 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.
4. Place the **Stacks** onto the **T-Pipe** assembly and place into 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 towards the passenger side. **Refer to Figure 4.**



Figure 5



Figure 6



Figure 7



Figure 8



Figure 9

5. Place the **Stack Mounting Brackets** between each **Stack** and the front of the truck bed so that the **Stacks** are properly spaced from the front of the truck bed. Center the **Stack Mounting Brackets** on the **Stacks** and mark the front of the truck bed in the center of the slotted holes in the **Stack Mounting Brackets**. Center punch the marks and drill holes to accommodate a **3/8" Bolt** (included with the **Stack Mounting Brackets**). Refer to **Figure 5**.
6. Loosely attach the **Stack 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 **Stack Mounting Brackets**. Make sure the **Stacks** are in the desired position and the **T-Pipe** assembly is level.
7. Mark the bed floor where the **T-Pipe** is resting. MBRP Inc. recommends tracing around where the **T-Pipe** meets the bed floor. Refer to **Figure 6**. 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 use a small drill to create a pilot hole. Make sure that there is clearance for the **20" Elbow** to pass by any frame cross members. Remove or modify any heat shields that there is interference with.
8. 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 away part of a bed rail. Refer to **Figures 7 & 8**.
9. 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 **Stack Mounting Brackets** making sure that they are straight. This will hold the assembly steady while you line up to the exhaust under the vehicle.
10. Measure from the **T-Pipe** slip joint to the **Extension Pipe 40 5/8"**. Add the **Extension Pipe 23"** if installing on a Mega Cab. Mark and cut the shorter side of the **Elbow 20"** to the required length so that it lines up with the front part of the **Extension Pipe**. Refer to **Figure 9**. Note: if the system is to long trim the length from the **Extension Pipe** or **Pipes**.
11. Attach the **20" Elbow** to the **T-Pipe** slip joint and then attach the **Flex Pipe** to both the **20" Elbow** and the **Extension Pipe**. Refer to **Figure 9**. Use the **Clamps** provided to secure the parts. The **Hanger Clamp** mounts to the existing rubber isolator just after the **Flex Pipe**.



12. Make sure that the **Stack Mounting Brackets** are centered on the **Stacks** and tighten the fasteners holding the **Stack Mounting Brackets** to the front of the truck bed. Tighten all **Clamps** making sure that the **Stacks** remain properly aligned.



Shown with 6" x 36" Stacks (B1610)

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