



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; S8202409

2008 Ford Super Duty Crew Cab Short Box 6.4L Powerstroke

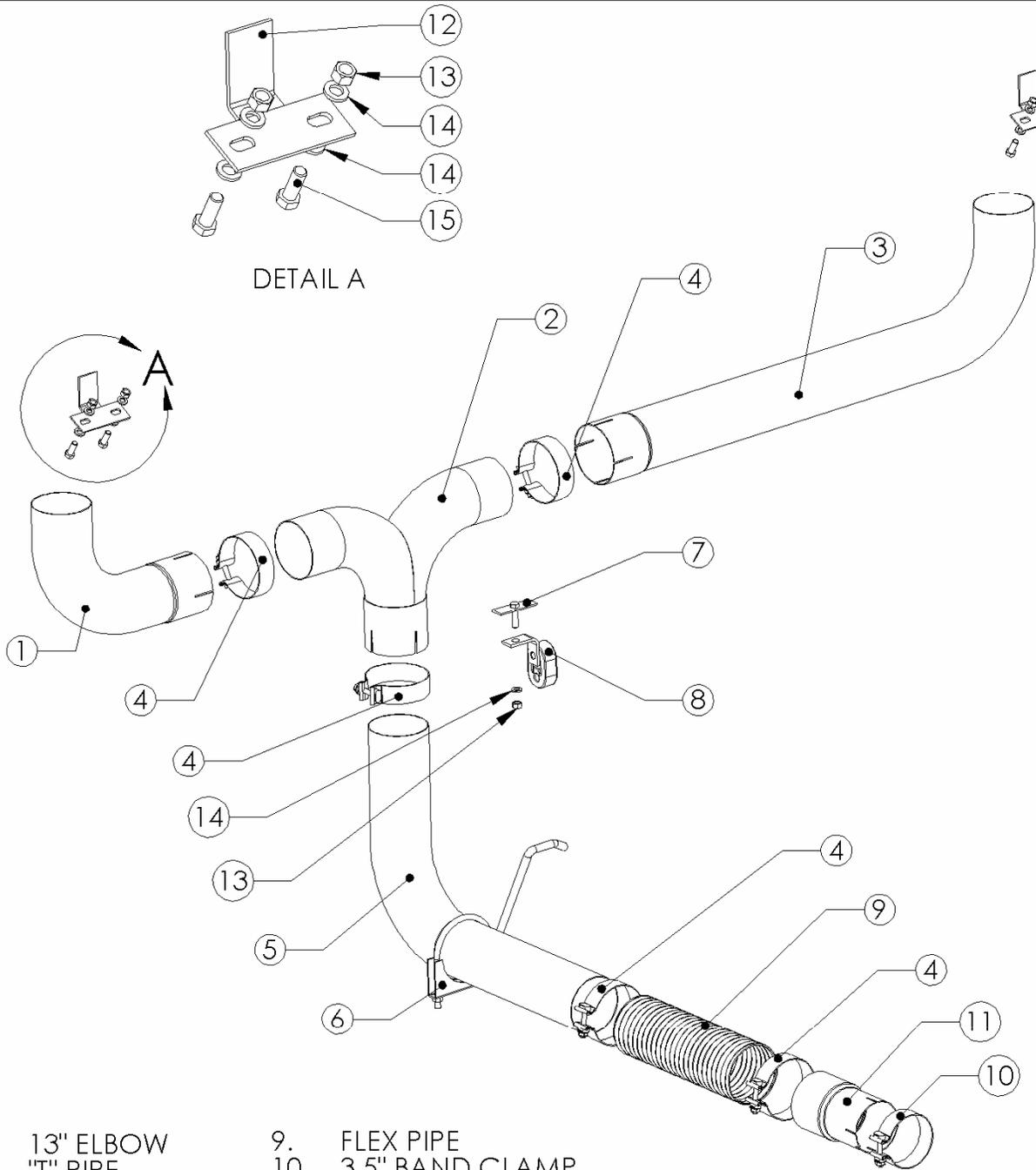
Please Note: To complete installation you will require the appropriate Stacks. Please check with you dealer for details.

S8202409

FORD 6.4L FILTER BACK SMOKERS™

MBRP
INC.

PERFORMANCE EXHAUST



- | | |
|------------------|-------------------------------|
| 1. 13" ELBOW | 9. FLEX PIPE |
| 2. "T" PIPE | 10. 3.5" BAND CLAMP |
| 3. 37" ELBOW | 11. 3.5"-4" ADAPTOR |
| 4. 4" BAND CLAMP | 12. MOUNTING BRACKET(2pcs) |
| 5. 20" ELBOW | 13. 3/8"-16 NUT(5pcs) |
| 6. HANGER CLAMP | 14. 3/8" LOCKWASHER(9pcs) |
| 7. PLATE BOLT | 15. 3/8"-16 x 1.0" BOLT(4pcs) |
| 8. HANGER | |

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 Diesel Particulate Filter [DPF].



Figure 1

3. Remove the muffler and tail pipe from the OEM rubber hangers. If a hoist is being used the system can be removed in one piece by removing the passenger side bottom shock bolt and swinging the shock out of the way. Separate the stock exhaust system at the slip joint located behind the DPF. Remove the muffler and tail pipe from under the truck. **Be sure to re-install the bottom shock bolt.** If a hoist is not being used you will have to cut the tail pipe at the over axle section, behind the muffler and remove the exhaust in two pieces. **See Figure 1.**

Installation of MBRPinc. "Smokers™"



Figure 2

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 2.**



Figure 3

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 3.**

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.



Figure 4

5. Mark the bed floor where the **“T” Pipe** is resting. MBRPinc. recommends tracing around where the **“T” Pipe** meets the bed floor. **See Fig 4.** 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 5

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 5.**



Figure 6

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. **See Figure 6.**



Figure 7

8. Install the **3.5”-4” Adaptor** with a **3.5” Band Clamp** over the outlet of the DPF. Pay attention to the alignment of the notch in the **3.5”-4” Adaptor** and the pin located on the outlet of the DPF. Ensure that the **Adaptor** is fully seated. **See Figure 7.**



Figure 8

9. Install the **Hanger** by placing the **Plate Bolt** on top of the crossmember with the bolt extending down through the hole in the crossmember. Secure **Hanger** with **3/8" Nut** and **3/8" Lockwasher**. See **Figure 8**.



Figure 9

10. Measure from the "**T**" **Pipe** slip joint to the exhaust system that you are connecting to. Mark and cut the shorter side of the **20" Elbow** to the required length so that it lines up with the front part of the exhaust system. See **Figure 9**.

11. Loosely install the **20" Elbow** into the "**T**" **Pipe**. Install the **Hanger Clamp** in the **Hanger** and loosely fit it to the horizontal section of the **20" Elbow**. Measure and mark the horizontal section of the **20" Elbow** so that you can use the maximum length of **Flex Pipe** and maintain at least 2" of overlap for clamping between the **3.5"-4" Adaptor** to **Flexpipe**, and **Flexpipe** to **20" Elbow** joints. Remove and cut the **20" Elbow** to the required length.
12. Attach the **20" Elbow** to the "**T**" **Pipe** slip joint and then attach the **Flex Pipe** to both the **20" Elbow** and the **3.5"-4" Adaptor**. Be sure to slide the required **Band Clamps** over all joints before fitting pieces together.
13. Make sure 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 **Clamps** to ensure your "**Smokers™**" exhaust system remains properly aligned.
14. Check along the whole length of the exhaust system to ensure that there is adequate clearance around fuel lines, brake lines and any wiring. If any interference is detected relocate or adjust.



PERFORMANCE EXHAUST



Shown with 4" X 36" Stacks (B1410) and Cover (BB0003)

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