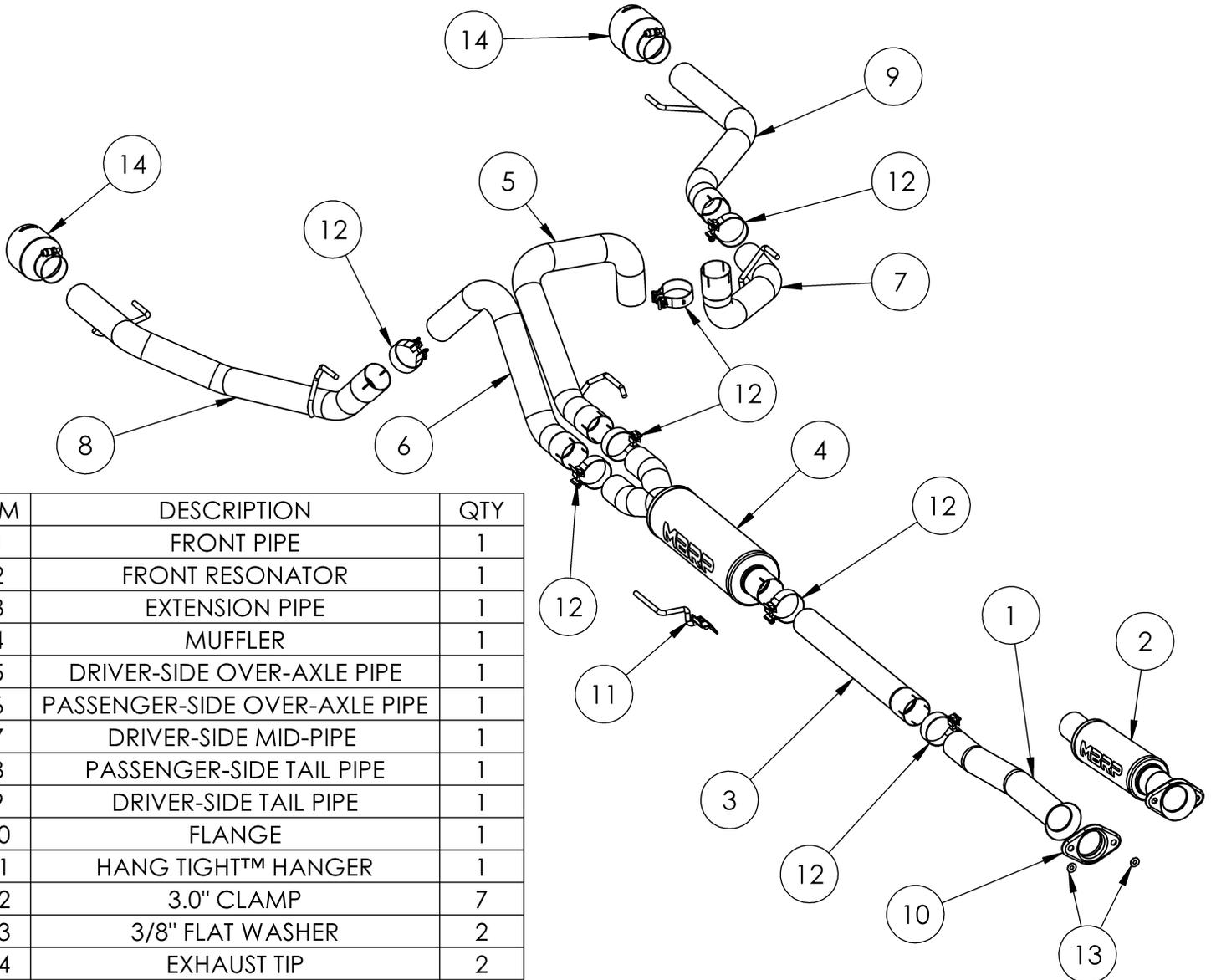


S5268

2021-UP FORD F150, TREMOR, 3.5L ECOBOOST, 5.0L,
2022-UP FORD F150, 3.5L ECOBOOST, 5.0L, CREW CAB
5 1/2' BOX, EXTENDED CAB & 1/2' BOX
(145" WHEELBASE), 3" CAT-BACK DUAL SPLIT REAR,
REPLACES FACTORY DUAL EXHAUST - EXCL. RAPTOR

MBRP®



ITEM	DESCRIPTION	QTY
1	FRONT PIPE	1
2	FRONT RESONATOR	1
3	EXTENSION PIPE	1
4	MUFFLER	1
5	DRIVER-SIDE OVER-AXLE PIPE	1
6	PASSENGER-SIDE OVER-AXLE PIPE	1
7	DRIVER-SIDE MID-PIPE	1
8	PASSENGER-SIDE TAIL PIPE	1
9	DRIVER-SIDE TAIL PIPE	1
10	FLANGE	1
11	HANG TIGHT™ HANGER	1
12	3.0" CLAMP	7
13	3/8" FLAT WASHER	2
14	EXHAUST TIP	2

PLEASE READ BEFORE STARTING INSTALLATION

While MBRP 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.

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Removal of Stock System

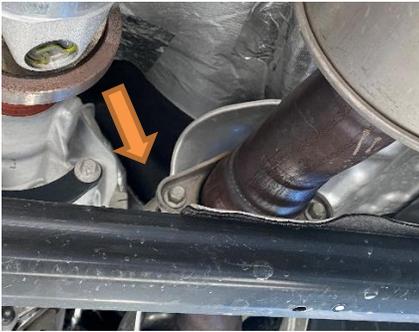


Figure 1



Figure 2



Figure 3



Figure 4



Figure 5

1. Apply penetrating lubricant liberally to all exhaust fasteners, hangers, and rubber insulators.

2. Loosen the factory front pipe flange bolts.
Refer to Figure 1.

3. Remove the passenger-side insulator from the factory tail pipe by unbolting it from the frame. Retain insulators and hardware for installation.
Refer to Figure 2.

4. Unbolt the insulator on the passenger-side located next to the spare tire.
Refer to Figure 3.

5. Loosen the passenger-side clamp at the connection and unclip the tail pipe at the expansion. Remove passenger-side tail pipe.
Refer to Figure 4.

6. Repeat **Steps 3-5** on the driver-side factory tail pipe.

7. Remove the front pipe and muffler in one piece. Retain all bolts for the installation.

8. Remove the insulator from the frame that was above the muffler for ease of installation.
Refer to Figure 5.

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Installation of MBRP Performance Exhaust

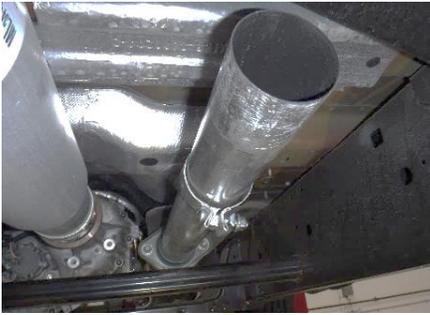


Figure 6



Figure 7



Figure 8



Figure 9

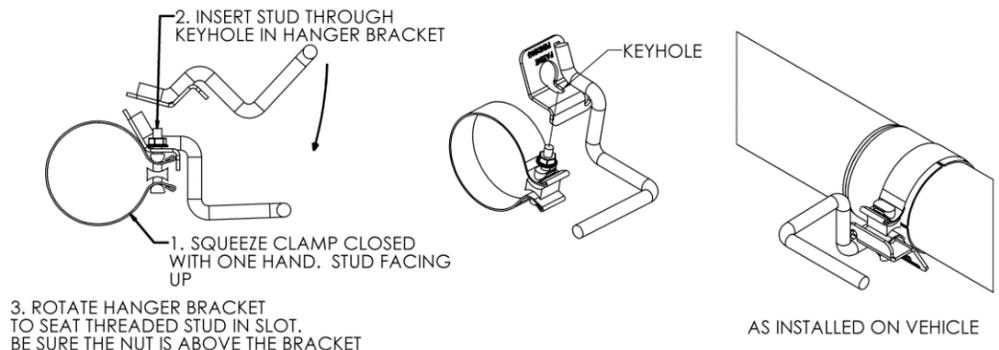


Figure 10

1. Loosely install the **Front Resonator**, or **Front Pipe and Flange**, using the factory bolts and the supplied 3/8" Flat Washers. It is recommended to use the **Front Resonator** on the 5.0L engine, or for a more aggressive sound, use the **Front Pipe**. The **Front Pipe** is recommended for the EcoBoost engines, but the **Front Resonator** can provide a more subtle sound. Refer to Figures 6, 7, and Page 1.

2. Using one 3.0" Clamp, loosely install the **Extension Pipe** connecting it onto the **Front Pipe**, or **Front Resonator**. Refer to Figure 7.

3. Install the **Hang Tight™ Hanger** onto a 3.0" Band Clamp using the procedure shown below. (Hang Tight™ Hanger not exactly as shown) Refer to Detail A.



Detail A

4. Install the **Hang-Tight™ Hanger Clamp Assembly** into the **Extension Pipe**, and into the factory insulator. Refer to Figure 8.

5. Install the **Muffler** onto the **Extension Pipe** and loosely secure the **Hang-Tight™ Hanger Clamp Assembly**. Muffler outlets will be at a 45° angle viewed from the rear, with the passenger-side outlet at the bottom. Refer to Figures 9 and 10.

6. Install the factory insulator onto the **Driver-side Over-Axle Pipe**. Place a 3.0" Clamp over each **Muffler** outlet. Install the **Driver-side Over-Axle Pipe** into the driver-side **Muffler** outlet. Secure the factory insulator to the frame using the original hardware. Refer to Figures 10 and 11.

7. Install the **Passenger-Side Over-Axle Pipe** into the passenger-side lower **Muffler** outlet. Refer to Figures 10 and 11.

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Figure 11

8. Install the factory insulator onto the **Driver-Side Mid-Pipe**. Using one **3.0" Clamp**, install the **Driver-Side Mid-Pipe** onto the **Driver-Side Over-Axle Pipe**. Secure the factory insulator to the frame using the original hardware. Refer to **Figure 12**.



Figure 12

9. Install the factory insulator onto the **Driver-Side Tail Pipe**. Using one **3.0" Clamp**, install the **Driver-Side Tail Pipe** onto the **Driver-Side Mid-Pipe**. Secure the factory insulator to the frame using the original hardware. Refer to **Figure 13**.

10. Install the two factory insulators onto the **Passenger-Side Tail Pipe**. Using one **3.0" Clamp**, install the **Passenger-Side Tail Pipe** onto the **Passenger-Side Over-Axle Pipe**. Secure the two factory insulators to the frame using the original hardware. Refer to **Figure 14**.

11. Install the **Exhaust Tips** and adjust to your liking. Refer to **Figures 13 and 14**.

Installation Tip: Insulators located on the **Tail Pipes** can be adjusted to center the **Exhaust Tips** in the bumper cut-outs.



Figure 13

12. Carefully align the system and tips. Align the edge of each band clamp with the edge of the joint it is connecting. 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.



Figure 14



Congratulations! You are ready to begin experiencing the improved power, sound and driving experience of your **MBRP** Performance Exhaust.

We know you will enjoy your purchase!