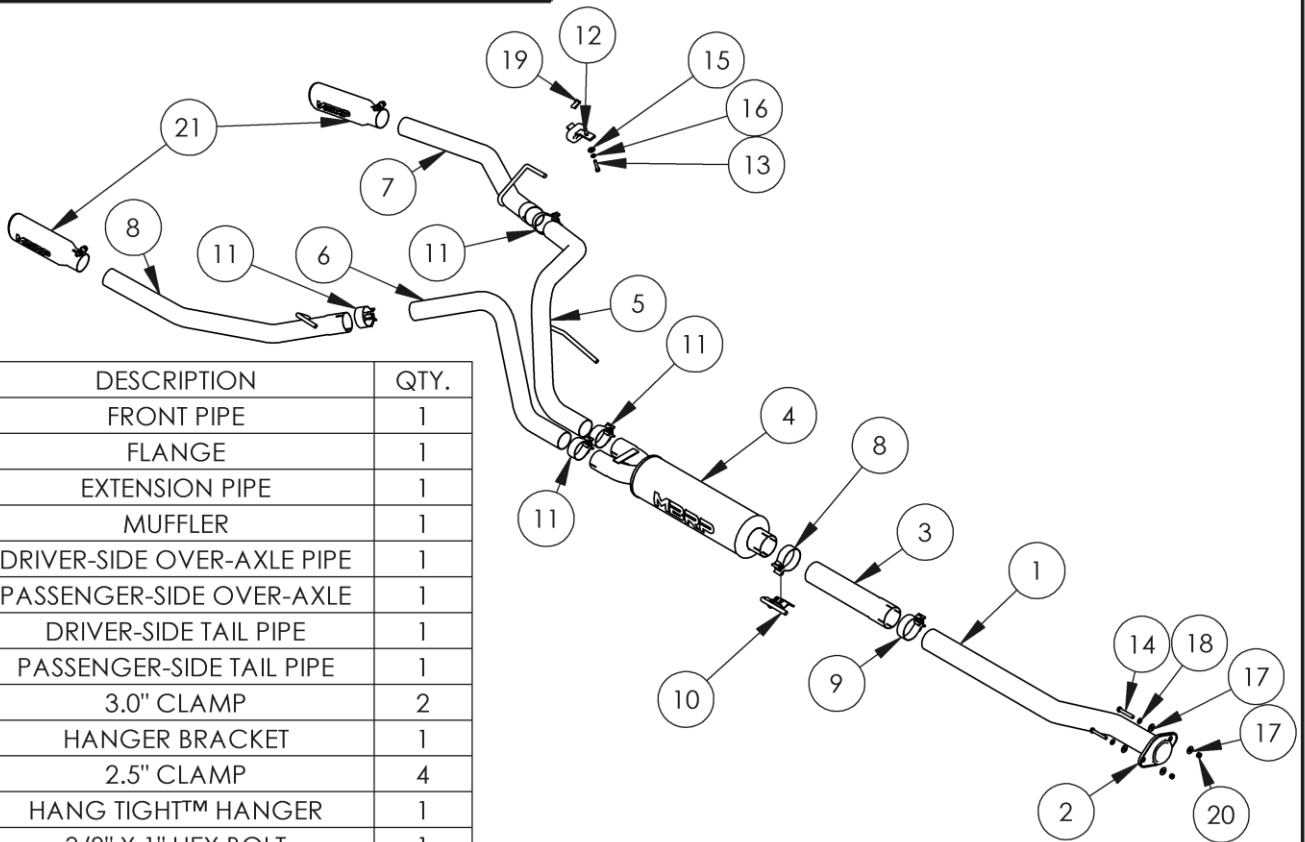


S5214

09-10 FORD F150, 4.6L/5.4L, REGULAR (8' & 6.5')/EXTENDED (NOT 8' BOX)/CREW CAB, CAT BACK,

MBRP®



ITEM	DESCRIPTION	QTY.
1	FRONT PIPE	1
2	FLANGE	1
3	EXTENSION PIPE	1
4	MUFFLER	1
5	DRIVER-SIDE OVER-AXLE PIPE	1
6	PASSENGER-SIDE OVER-AXLE	1
7	DRIVER-SIDE TAIL PIPE	1
8	PASSENGER-SIDE TAIL PIPE	1
9	3.0" CLAMP	2
10	HANGER BRACKET	1
11	2.5" CLAMP	4
12	HANG TIGHT™ HANGER	1
13	3/8" X 1" HEX BOLT	1
14	HEX BOLT 3/8X2.5"	2
15	5/16" FLAT WASHER	1
16	5/16" LOCK WASHER	1
17	3/8" FLAT WASHER	4
18	3/8" LOCK WASHER	2
19	5/16" U-NUT	1
20	3/8" HEX NUT	2
21	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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Figure 1

Removal of stock system:

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

2. Loosen the flange located behind the “Y” pipe.
Refer to Figure 1.



Figure 2

3. Loosen the clamp located in front of the muffler.
Refer to Figure 2.

4. Remove the hangers from the rubber insulators and remove the exhaust from the vehicle. If a hoist or hydraulic lift is not being used the tail pipe may need to be cut to clear the rear axle.

Refer to Figure 3.

Installation of MBRP Performance Exhaust:



Figure 3

1. Install the **Flange** onto the **Front Pipe**.

2. Install **Front Pipe** to the existing flange using the fasteners provided.
Refer to Figure 4.

Note: the **Extension Pipe** will not be required on most models.

Model	Bed Length	Wheelbase	Extension Pipe Required	Shortening Front Pipe Required
Regular Cab	6 1/2'	126"	No	19"
Regular Cab	8'	145"	No	No
SuperCab	6.5'	145"	No	No
SuperCab	5.5'	133"	No	11"
SuperCrew	6.5'	157"	Yes	No
SuperCrew	5.5'	145"	No	No

3. Slide a **3” Clamp** over the **Front Pipe** and install **Extension Pipe** onto the **Front Pipe**.



Figure 4



Figure 5



Figure 6

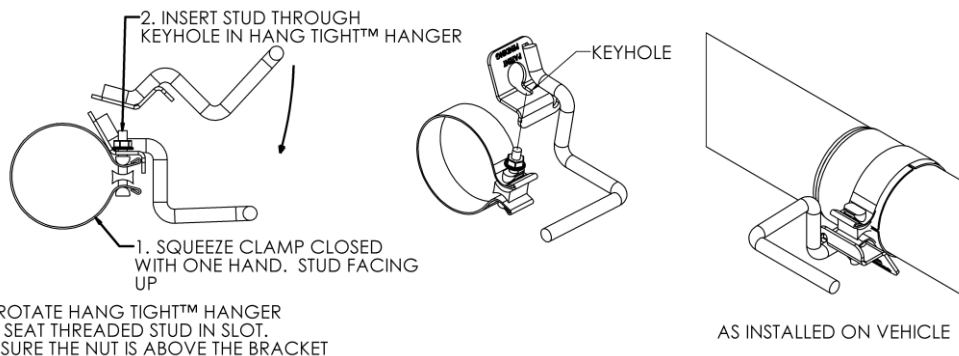


Figure 7



Figure 8

4. Install the **Hang Tight™ Hanger** onto a **3" Band Clamp** using the procedure shown below. Hang the hanger assembly in the stock rubber insulators and appropriate components. Snug up the nut to keep the bracket from falling out. (Hang Tight™ hanger not exactly as shown)



5. Install the hanger assembly from step 4 loosely to the **Extension Pipe** (or **Front Pipe** if the **Extension Pipe** is not required) and place the hanger into the existing rubber insulator.

Refer to Figure 5.

6. Slide the **Muffler** onto the **Extension Pipe** or **Front Pipe** as required.

Refer to Figure 6.

7. Loosely install the **Driver-Side Over-Axle Pipe** connecting it to the outlet closest to the drive shaft. Install the hanger into the rubber insulator located above the **Muffler** outlets. Install the **Passenger-Side Over-Axle Pipe** to the remaining outlet.

Refer to Figure 7.

8. Attach the expanded end of the **Driver-Side Tail Pipe** connect it to the **Driver-Side Over-Axle Pipe** using a **2 ½" Clamp**. Note; some lines will have to be relocated and secured away from the exhaust.

Refer to Figure 8 & 9.

9. Move the **Driver-Side Tail Pipe** into approximate position. Directly above the tail pipe hanger on the bottom of the frame there will be a square hole with a round hole beside it. Slide the **5/16" U Nut** provided into the square hole, towards the round hole with the threaded part inside the frame so that the frame is sandwiched by the **5/16" U Nut**. Attach the **Hanger Assembly** provided using the **5/16"** hardware supplied. Slide the **Driver-Side Tail pipe Hanger** into the **Hanger Assembly**.

Refer to Figure 8 & 9

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Figure 9



Figure 10

10. Feed the expanded end of the **Passenger-Side Tail Pipe** from the rear of the vehicle over the axle and loosely connect it to the **Passenger-Side Over Axle Pipe**. Slide the **Passenger-Side Tail Pipe** hanger into the factory rubber insulator. **Refer to Figure 10**

11. Install and adjust the **Exhaust Tips** to suit. Tighten the lock bolt on the **Exhaust Tip**.

12. Align the exhaust as required. Starting at the front of the exhaust tighten all clamps and connections.

13. 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.



Congratulations! You are ready to begin experiencing the improved power, sound and driving excitement of your **MBRP** performance exhaust system. We know you will enjoy your purchase.