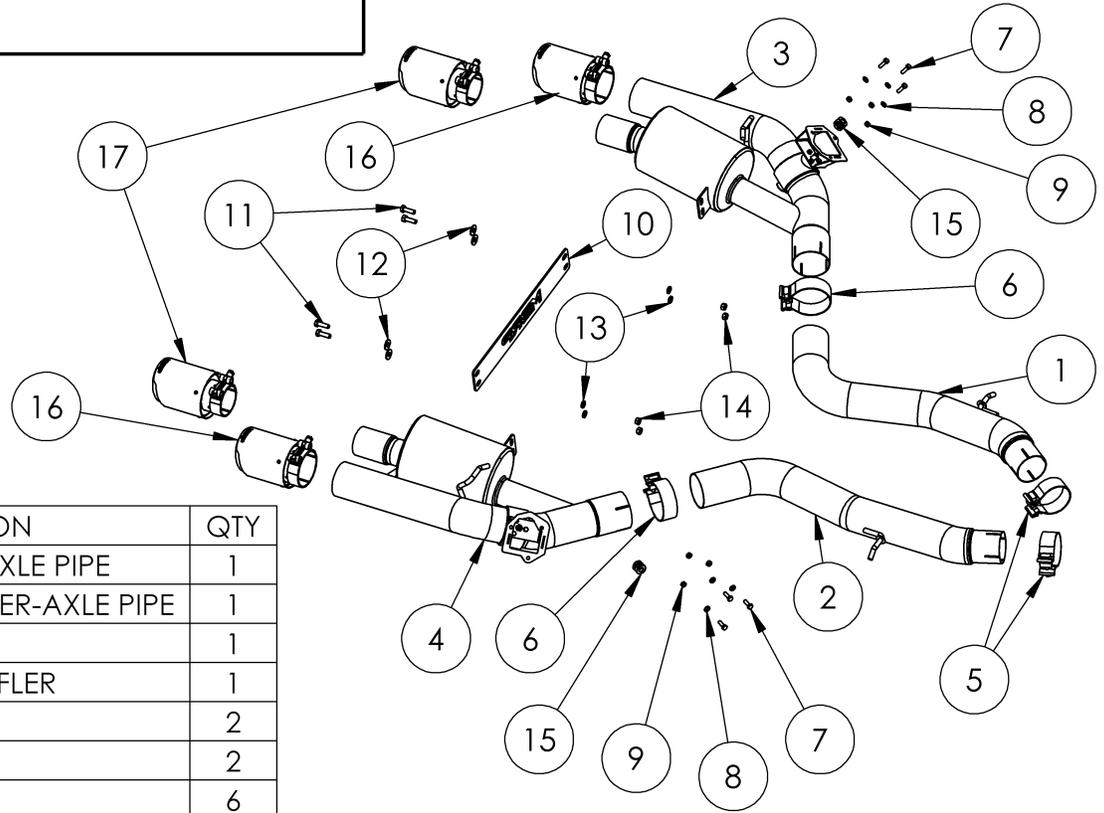


S4502

2019-2021 BMW M2 COMPETITION, 3.0L,
RESONATOR BACK, 3.0" DUAL REAR, ACTIVE,
QUAD TIPS



ITEM	DESCRIPTION	QTY
1	DRIVER-SIDE UNDER-AXLE PIPE	1
2	PASSENGER-SIDE UNDER-AXLE PIPE	1
3	DRIVER-SIDE MUFFLER	1
4	PASSENGER-SIDE MUFFLER	1
5	2.5" CLAMP	2
6	3.0" CLAMP	2
7	M6x20 HEX BOLT	6
8	M6 FLAT WASHER	6
9	M6x1.0 LOCKNUT	6
10	SUPPORT BRACKET	1
11	5/16" HEX BOLT X 1"	4
12	5/16" FLAT WASHER	4
13	5/16" LOCK WASHER	4
14	5/16" HEX NUT	4
15	VALVE DRIVE SPRING	2
16	3" INLET TIP	2
17	2.5" INLET TIP	2

Refer to this LOT NUMBER when contacting customer service: _____

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

1. Apply penetrating lubricant liberally to all exhaust fasteners, hangers, and rubber insulators.
2. Disconnect the exhaust valve electrical connections on each side. There is a small tab to press down to unlock the connector.

Refer to Figure 1.



Figure 2

3. Mark the passenger-side mid-resonator outlet pipe 9.75" from the circular weld near the center of the factory resonator.

Refer to Figure 2.



Figure 3

4. Mark the driver-side mid-resonator outlet pipe 14.5" from the circular weld near the center of the factory resonator.

Refer to Figure 3.

5. Verify the cut marks by aligning the respective **MBRP Under-Axle Pipes** to the factory hangers.

Refer to Figure 4 (Driver-side shown).

6. Carefully cut the factory exhaust at the verified marks.

7. Unbolt the factory exhaust hangers (4) and remove the rear exhaust section from the vehicle. Retain the mounting hardware and factory hangers for the installation.

8. Remove the exhaust valve actuators from the factory system.

Installation of **MBRP** Performance Exhaust



Figure 4

1. Loosely install the **Driver-Side Under-Axle Pipe** using a **2.5" Clamp** and the factory hanger.

Refer to Figure 5.

2. Loosely install the **Passenger-Side Under-Axle Pipe** using a **2.5" Clamp** and the factory hanger.

Refer to Figure 6.

3. Install the **Valve Drive Spring** onto each **Muffler**.

Refer to Figure 7.

4. Using the supplied **M6 Hardware** install the factory exhaust valve actuators onto each **Muffler**.

Refer to Figure 8.



Figure 5

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Figure 6

5. Install the driver-side factory hanger and a **3.0” Clamp** onto the **Driver-Side Muffler**.
Refer to Figure 9.

6. Install the **Driver-Side Muffler** onto the **Driver-Side Under-Axle Pipe** and re-attach the factory hanger to the vehicle.
Refer to Figure 10.

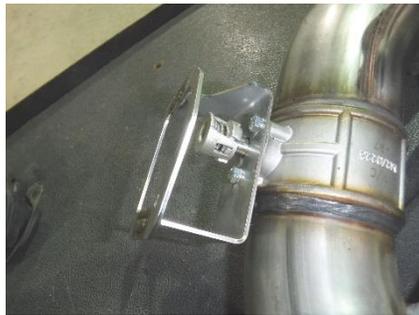


Figure 7

7. Repeat steps 5 and 6 for the passenger-side.

8. Using the **5/16” Hardware**, install the **Support Bracket** between the **Mufflers**. Snug, but do not fully tighten the hardware at this time. You may need to rotate the **Under-Axle Pipes** to get the **Support Bracket** in place and level.

Refer to Figure 11.



Figure 8

9. Install the **Tips**, and adjust to your liking, centered in the fascia openings.
Refer to Figures 12 and 13.

Note: The test vehicle shown has an optional OEM carbon fiber fascia. Vehicles without this addition will have slightly more clearance around the tips.



Figure 9

10. Carefully align all parts of the system to achieve the best possible fit with the **Tips** centered in the fascia. You will need to rotate and possibly slide the components around somewhat to attain the best fit. The joints are not intended to be bottomed out to allow for these adjustments. Take time now and check alignment each time you tighten a joint. Snug each **Clamp** and the **Support Bracket Hardware** and re-check alignment before fully tightening.

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Figure 10



Figure 11



Figure 12



Figure 13

11. 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.



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!