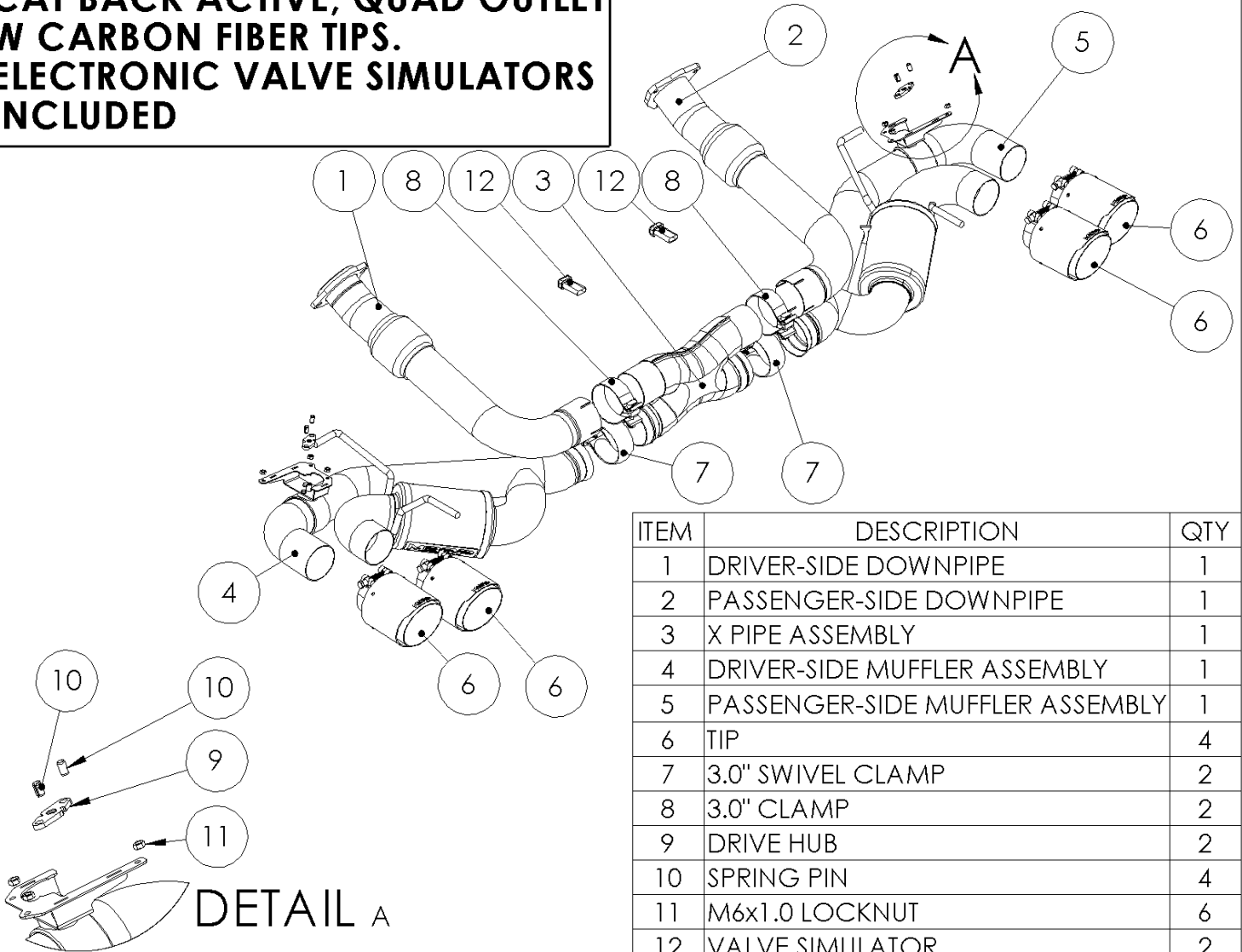


S7041

2020-UP CHEVROLET
CORVETTE C8, 6.2,
CAT BACK ACTIVE, QUAD OUTLET
W CARBON FIBER TIPS.
ELECTRONIC VALVE SIMULATORS
INCLUDED

MBRP®



| ITEM | DESCRIPTION | QTY |
|------|---------------------------------|-----|
| 1 | DRIVER-SIDE DOWNPIPE | 1 |
| 2 | PASSENGER-SIDE DOWNPIPE | 1 |
| 3 | X PIPE ASSEMBLY | 1 |
| 4 | DRIVER-SIDE MUFFLER ASSEMBLY | 1 |
| 5 | PASSENGER-SIDE MUFFLER ASSEMBLY | 1 |
| 6 | TIP | 4 |
| 7 | 3.0" SWIVEL CLAMP | 2 |
| 8 | 3.0" CLAMP | 2 |
| 9 | DRIVE HUB | 2 |
| 10 | SPRING PIN | 4 |
| 11 | M6x1.0 LOCKNUT | 6 |
| 12 | VALVE SIMULATOR | 2 |

DETAIL A

SCALE 1 : 6

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.

MBRP

Removal of Stock System



Figure 1

1. Jack the rear of the vehicle up and remove the rear wheels.
2. Remove the 7mm hex head screws, and 2 plastic push pins along the lower edge of the rear fascia. Remove both rear mud guards followed by the 4 torx head screws located behind them [2 per side] which secure the fender liners to the rear fascia.

Refer to Figures 1 and 2.



Figure 2

3. Remove the torx head screws along the upper edge of the rear fascia.
- Refer to Figure 3.**

4. Pull back the fender liner and remove the two 7mm hex head screws, and M6 flange nut from both sides of the vehicle that secure the rear fascia to the quarter panels.

Refer to Figure 4.

5. Remove the rear fascia from the vehicle by gently lifting it up and rearward. There are 3 electrical connectors located behind the rear fascia that must be disconnected before the fascia can be fully removed. This step will require a minimum of 2 people.



Figure 3

6. Remove the trunk liner to gain access to the engine cover. Remove the torx head screws and remove the engine cover.

Refer to Figure 5.

7. Remove the two M10 flange nuts from the driver side exhaust flange, and three M8 flange nuts from the passenger-side exhaust flange.

8. Disconnect the wiring harness from both AFM exhaust valve actuators located near the exhaust flanges, and both NPP exhaust valve actuators located near the exhaust tips.

9. Remove the OEM exhaust system by first disconnecting it from the front exhaust isolators, then unbolting the rear isolators from the frame. Retain the isolators as they will be reused.

10. Remove the two rear OEM exhaust valve actuators from the OEM exhaust. Retain the hardware as it will be reused.



Figure 4

MBRP

Installation of MBRP Performance Exhaust



Figure 5

1. Install the **Passenger-Side Downpipe** using the previously removed M8 Flange nuts. Be sure the OEM gasket is in place.

Refer to **Figure 6**

2. Install a **3.0" Clamp** onto the outlet of the **Passenger-Side Downpipe** and install the **X Pipe Assembly**.

NOTE: position the clamp with the stud rearward and facing down for easy access when the rear fascia is installed.

Refer to **Figure 7**.



Figure 6

3. Install a **3.0" Clamp** onto the outlet of the **Driver-Side Downpipe**. Insert the **X Pipe Assembly** into the outlet of the **Driver-Side Downpipe**. Install the **Driver-Side Downpipe** using the previously removed M10 Flange nuts. Be sure the OEM gasket is in place. Position the **X Pipe Assembly** so the inlets and outlet are aligned vertically. Tighten the clamps enough to secure the **X Pipe Assembly** but still allow for adjustment.

4. Install the **Spring Pins** into both **Drive Hubs** exactly as shown. Be sure the slots in both brackets face the correct way.

Refer to **Figure 8**.

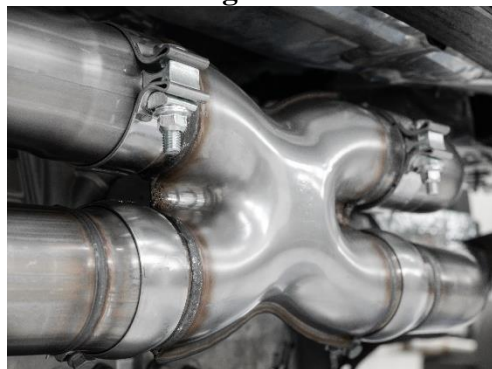


Figure 7

5. Install an assembled **Drive Hub** onto the exhaust valve shaft of the **Driver-Side Muffler Assembly** followed by an OEM exhaust valve actuator. Secure using the supplied **M6 Locknuts** and OE hardware. Be sure the actuator engages the Spring Pins correctly.

Refer to **Figures 9&10**.



Figure 8

6. Install an OEM rear Isolator and a **3.0" Swivel Clamp** onto the **Driver-Side Muffler Assembly** before installing it onto the vehicle. Ensure the forward hanger is installed into the front isolator. Secure the rear isolator with the previously removed bolts. Reconnect the wiring to the OEM exhaust valve actuator.

Refer to **Figure 11**.



Figure 9

7. Repeat steps 5 and 6 for the **Passenger-Side Muffler Assembly**.

MBRP



Figure 10

8. Install the supplied **Valve Simulators** by plugging them into the wiring harness where the AFM valves were connected. Secure them making sure the simulators and wiring cannot contact any exhaust components. **Refer to Figures 12, and 13.**

9. Reinstall the rear fascia in the reverse order as described in the removal process.



Figure 11

10. Install the **Tips** and align to your preference. Complete the final adjustment of the tailpipe assemblies and tighten all clamps. **NOTE: the X Pipe assembly can be swung front to back to adjust the center position of the tips in the rear fascia. The X Pipe Assembly can also be shifted left or right in the Passenger-Side Downpipe expansion joint to adjust the lateral position of the Tips. Refer to Figure 14.**



Figure 12

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. Verify clearances, system security and band clamp torque after 30-60 miles (50-100 km) of driving.

- **Band Clamps require approximately 45 lb-ft (60 N-m) of torque.**
- **Swivel Clamps require approximately 26 lb-ft (35N-m) of torque.**



Figure 13



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!