



## INSTALLATION INSTRUCTIONS

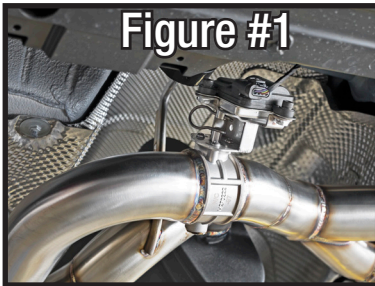
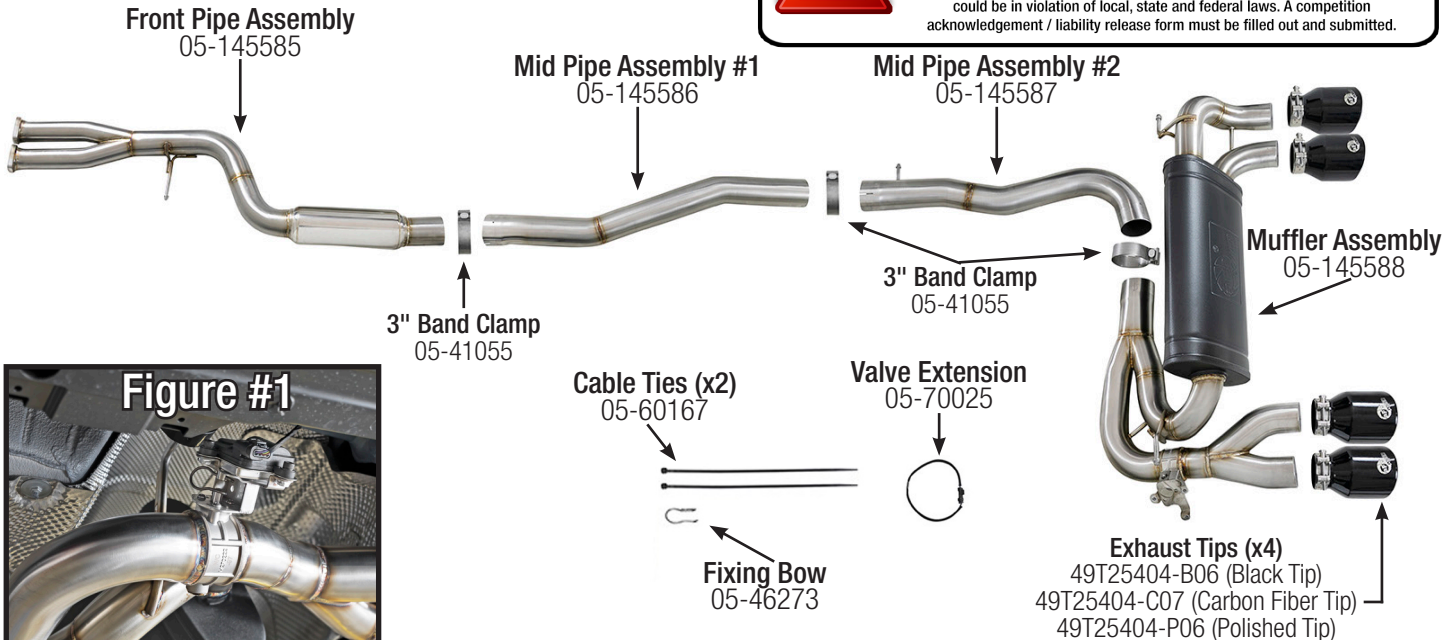
**MAKE:** BMW  
**MODEL:** M2 Competition  
**YEAR:** 2019 - 2020  
**ENGINE:** L6-3.0L (tt)

**Down-Pipe Back Exhaust**  
49-36343-B (Black Tips)  
49-36343-C (Carbon Fiber Tips)  
49-36343-P (Polished Tips)



### RACE ONLY DISCLAIMER

This is a Race Only product that is to be used solely for competition, it cannot be used on vehicles that are operated on public streets, roads or highways. Its use is limited to closed-course and open-course racing that is formally sanctioned by a recognized racing organization. Any other use, including recreational off-road use, could be in violation of local, state and federal laws. A competition acknowledgement / liability release form must be filled out and submitted.



**Caution:** aFe recommends professional installation on our products. Allow time for your vehicle to cool down prior to installation. When working on or under your vehicle proceed with caution. Exhaust systems reach high temperatures and may cause serious burns. Wear protective safety equipment; eye goggles and gloves to ensure a safe installation.

- Step 1:** (Read instructions prior to installation) Secure vehicle on jack stands (refer to your owner's manual for specified jack stand positions).
- Step 2:** Remove the chassis support brace under the center of the exhaust system.
- Step 3:** Unplug the right and left exhaust valve motor connectors.
- Step 4:** Support the exhaust system with muffler stand.
- Step 5:** Remove the (x4) nuts securing the OE mid pipe to the catalytic converters.
- Step 6:** Remove the rubber isolation mounting brackets by removing the (x6) nuts securing the isolation mounting bracket to the chassis. Remove the OE exhaust system.
- Step 7:** Transfer the OE rubber isolation mounts and brackets to the aFe exhaust one at a time. Keep in mind their position on the OE exhaust and replicate their position on the aFe exhaust. Repeat this step until all rubber isolation mounts and brackets have been transferred and ensure that they are positioned exactly how they were on the OE exhaust system.
- Step 8:** Install the front pipe using the original gaskets (Replace if necessary) and (x4) original nuts and tighten. Reinstall the isolation mounting bracket using the original bolts and tighten. It may be necessary to adjust the front pipe resonator to clear the tunnel by simply moving it side to side for best clearance.
- Step 9:** Install (x1) 3.0" aFe band clamp over the notched end of mid pipe #1, and install the mid pipe over front pipe, but do not tighten. Reinstall the chassis support brace using the original bolts and tighten.
- Step 10:** Install (x1) 3.0" aFe band clamp over the notched end of mid pipe #2, and install the mid pipe #2 over mid pipe #1, but do not tighten. Reinstall the isolation mounting bracket using the original Nut and tighten.



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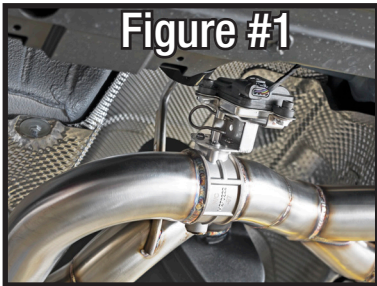
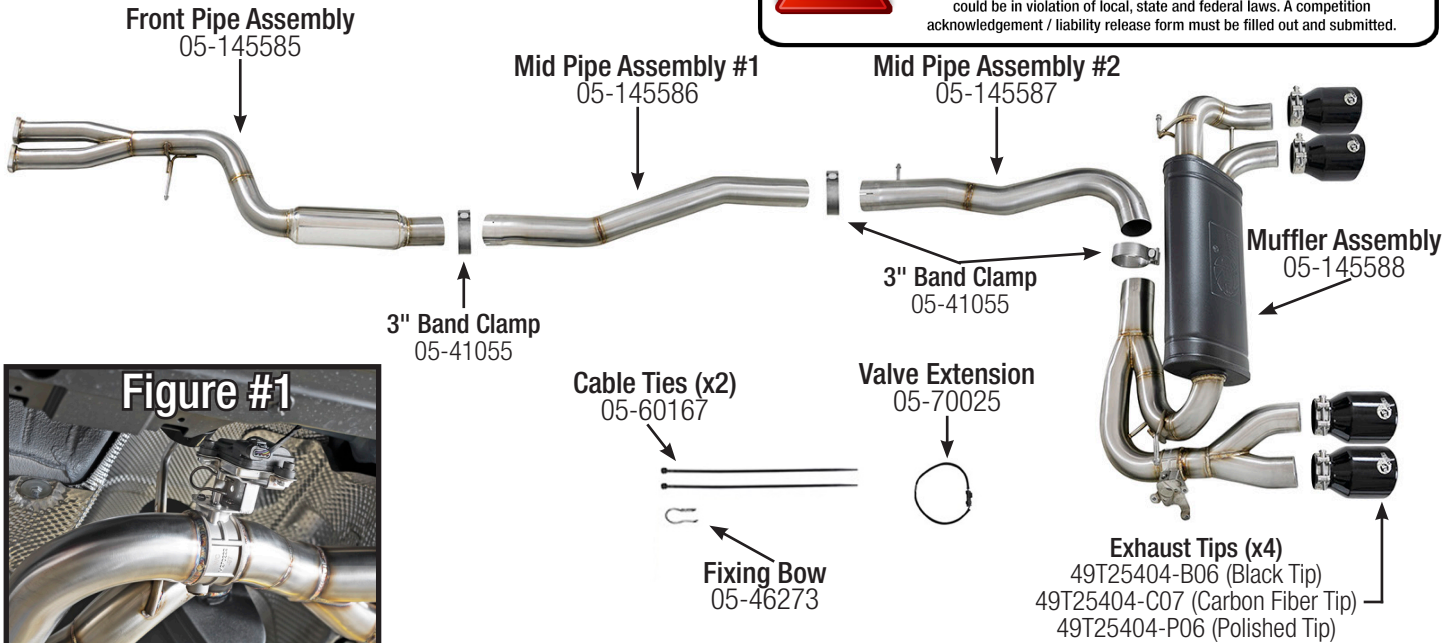
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- Step 11:** Remove the left side OE exhaust valve motor from the OE exhaust. Reinstall the drive motor onto the aFe exhaust using the fixing bow and screws provided in the kit. **(SEE FIGURE 1)**
- Step 12:** Install (x1) 3.0" aFe band clamp over the notched end of aFe muffler, and install the aFe muffler over mid pipe # 2, but do not tighten. Reinstall the isolation mounting brackets using the original nuts and tighten.
- Step 13:** Install the exhaust tips onto the the muffler section and snug them down, but do not fully tighten.
- Step 14:** Align the tips in the outlets.
- Step 15:** Now align the entire aFe exhaust so the exhaust tips are centered on the outlets and the desired clearance of the exhaust tips to the bumper, and that the mid pipe #2 is centered between the tunnel and the chassis brace you will want about 3/8" clearance from the exhaust tube to the chassis support brace.
- Step 16:** Now tighten (x3) aFe 3" band clamps.
- Step 17:** Install the aFe exhaust valve motor extension lead supplied in the kit and secure using the provided cable ties.
- Step 18:** Plug the extension harness into the exhaust valve motor.
- Step 19:** Use the cable ties provided in the hardware kit to secure the right side exhaust valve harness out of the way. (Make sure it is clear of the exhaust).
- Step 20:** Re-check all your work.
- Step 21:** Remove vehicle off jack stands.
- Step 22:** Your installation is now complete. It is recommended to re-tighten all exhaust components after 50-100 miles.
- Step 23:** It is normal for your exhaust system to emit smoke for the first few minutes upon initial start up to grease used in the manufacturing process.