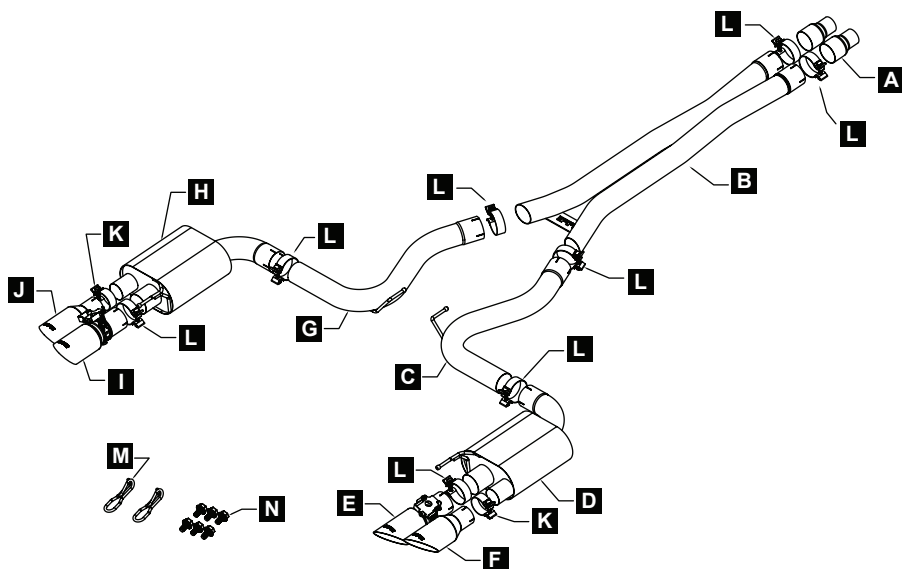


304 Stainless Steel Cat-Back Exhaust Kit

2018-2023 Ford Mustang GT

(317660030, 317663030)

Installation Guide



CONTENTS:

- | | |
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| A. (2) X-pipe adapter | H. (1) Driver-side muffler |
| B. (1) X-pipe | I. (1) Driver-side inner tip |
| C. (1) Passenger-side mid pipe | J. (1) Driver-side outer tip |
| D. (1) Passenger-side muffler | K. (2) Clamp flat strap 2.5" |
| E. (1) Passenger-side inner tip | L. (8) Clamp flat strap 3.0" |
| F. (1) Passenger-side outer tip | M. (2) Actuator valve spring |
| G. (1) Driver-side mid pipe | N. (6) Flange bolt M6-1.0 x 12mmL |

PREPARATION:

1. Read and understand these instructions before beginning.
2. Use penetrating lubricant on stock clamps, isolators, and hangers.
3. Vehicle off. Exhaust cool. Elevate and secure vehicle.

DISASSEMBLY:

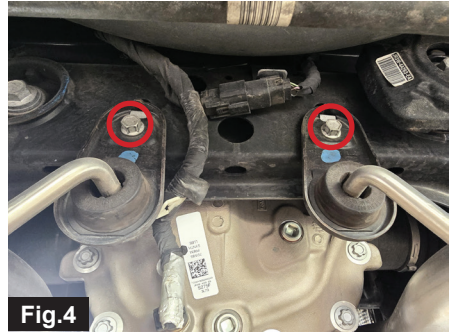
1. Disconnect the left and right-side wire harnesses from the actuators. **(Fig. 1)** Slide the locking clip away from the actuator, then lift the tab while pulling the connector away. **(Fig. 2)**



2. Remove the harness from the support bracket attached to the actuator. This will fully disconnect the harness from the exhaust tip assembly.
3. Loosen the two clamps securing the cat-back to the manifold pipes using a 15mm deep socket. **(Fig. 3)**



4. Remove the two 13mm bolts securing the mid-hanger brackets, then unhook the brackets from their current position. (Fig. 4)



5. Slide the OEM exhaust assembly rearward until the stock resonator and sleeve clamps are free from the exhaust manifold pipes. Lower the front of the exhaust, then slide it forward to disengage the rear driver- and passenger-side hangers from the factory rubber isolators. Carefully remove the exhaust from the vehicle. Note: The OEM exhaust assembly weighs approximately 70 pounds, so assistance is recommended.

6. Remove the three 10mm nuts securing the actuators from each muffler assembly. Remove the small heat shield from each actuator and retain the wire harness support brackets as these will be reused. (Fig. 5)

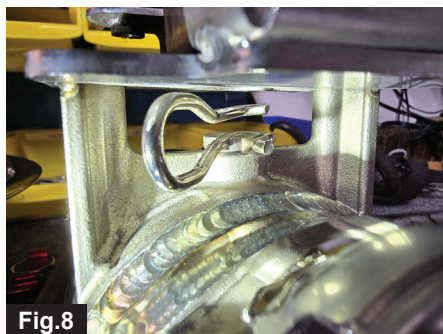


INSTALLATION:

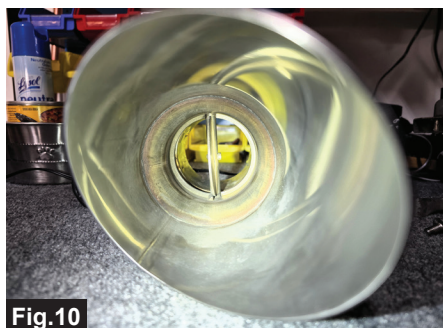
1. Reuse the two factory sleeve clamps, slide the X-pipe adapters **(A)** in place as shown. **(Fig. 6)**
2. Install the X-pipe **(B)** by sliding its inlets over the adapters **(A)** and loosely securing it with 3" clamps **(L)**, leaving room for adjustment. Next, place two additional 3" clamps **(L)** on the X-pipe outlets and install the driver-side mid-pipe **(G)** and passenger-side mid-pipe **(C)**. Finally, secure both mid-pipes using the factory mid-hanger brackets. **(Fig. 7)**
3. Install the passenger-side muffler **(D)** and driver-side muffler **(H)** by sliding them onto the mid-pipes using 3" clamps **(L)**. Then, insert the muffler hangers into the factory rubber insulators to secure them in place. Leave the clamps loose to allow for final adjustments.



4. Prepare passenger-side inner tip (**E**) and driver-side inner tip (**I**) by installing the actuator spring (**M**) onto the shaft of the valve in the orientation shown in (**Fig. 8**). Ensure the spring is fully seated and secured in the slot. (**Fig. 9**)



5. With the valve in the open position (**Fig. 10**), install the OEM actuator onto the PPE valve tip assembly, ensuring the harness slot is facing the tip's exit. Verify that the spring (**M**) is fully seated in the actuator's slot. (**Fig. 11**)



Performance Exhaust System

- Secure the actuator using the M6 flange bolts (**N**), then reinstall the factory harness support bracket in the innermost position as shown in (**Fig. 12**). Note: the driver-side tip is shown on the left, and the passenger-side tip is on the right.



Fig.12

- Install the driver-side inner tip (**I**) (**Fig. 13**), and passenger-side inner tip (**E**) (**Fig. 14**) onto the mufflers using 3" clamps (**L**). Leave the clamps loose to allow for final adjustment.

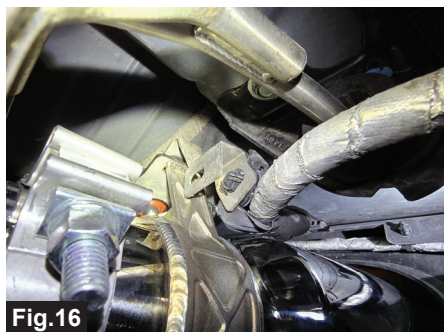


Fig.13



Fig.14

8. Reconnect the wiring harness to each actuator (**Fig. 15**), then secure the harness into the support bracket. (**Fig. 16**)



9. Install driver-side outer tip (**J**) and passenger-side outer tip (**F**) using 2.5" clamps (**K**). (**Fig. 17**)



10. Adjust the PPE exhaust system for proper fitment. Ensure the front X-pipe adapter overlaps the stock sleeve clamp, and adjust the rear muffler depth and rotation as needed. Align the exhaust tips so they are centered in the bumper valence, rotating them so the PPE logo is positioned on top. Verify that all hangers are properly seated in their corresponding grommets and check clearances between the exhaust system components and the chassis. Finally, start the vehicle and cycle through the exhaust modes from **Quiet** to **Track** to ensure proper operation.

Installation Complete

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DISCLAIMER OF LIABILITY

Performance products can increase horsepower above and beyond factory specifications. Additional horsepower creates more stress on the drive-train components, which could result in drive-train failure.

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