



Part Number: M-5200-MSS
Part Description: Shelby GT350 Exhaust Kit

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Please visit www.fordracingparts.com for the most current instruction and warranty information.

PLEASE READ ALL OF THE FOLLOWING INSTRUCTIONS CAREFULLY PRIOR TO INSTALLATION. AT ANY TIME YOU DO NOT UNDERSTAND THE INSTRUCTIONS, PLEASE CALL THE FORD PERFORMANCE TECHLINE AT 1-800-367-3788

The use of a floor hoist is recommended for this installation. If you do not have access to one, use a hydraulic floor jack and jack stands to raise the vehicle.

!!!CAUTION: JACK STANDS MUST BE USED ON A LEVEL SURFACE AND BE SECURELY SEATED. FAILURE TO DO SO MAY RESULT IN PERSONAL INJURY OR VEHICLE DAMAGE!!!



Factory Ford shop manuals are available from Helm Publications, 1-800-782-4356



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Kit Includes:

- 2- Mufflers with Valves, Left and right**
- 1- Left Under Axle Pipe**
- 1- Right Under Axle Pipe**
- 1- X- Pipe**
- 4- Exhaust Clamps**

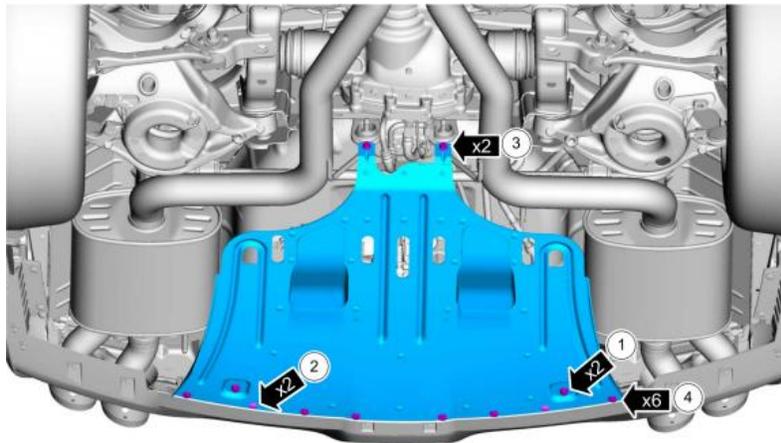
Before beginning, Un-pack the Exhaust System and take Inventory of the contents of the box. In addition, it is advised to pre-fit the exhaust to ensure proper mating of all the Tubes. This will make installing the system much easier later.

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1. Raise the Vehicle to a comfortable height to work beneath it.

Remove Mufflers and Tailpipes

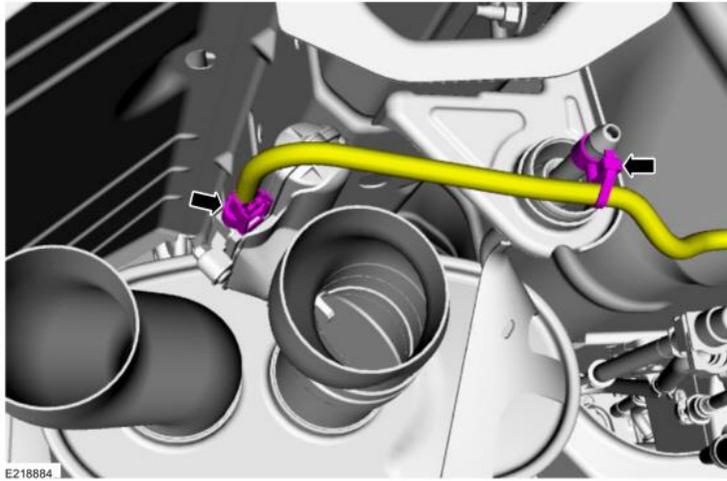


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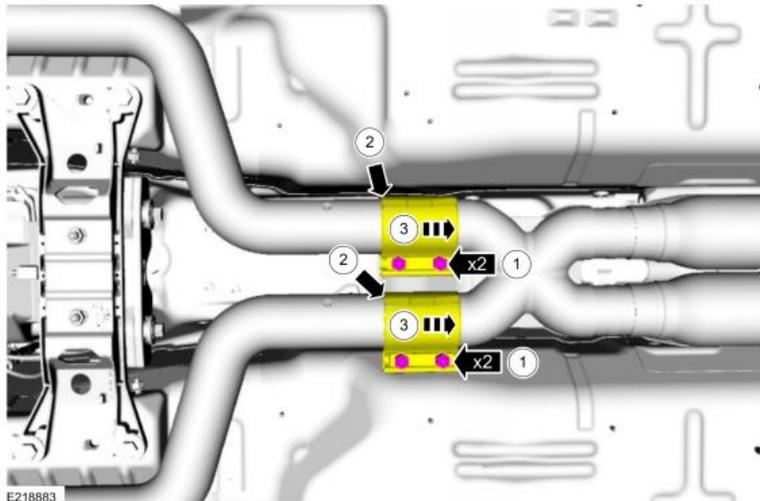
2. Remove the rear underbody shield rear bolts.
Torque: 80 lb.in (9 Nm)
3. Remove the rear under body shield push pin retainers.
4. Remove the rear underbody shield front bolts.
Torque: 22 lb. (30 Nm)
5. Remove the rear under body shield rivet style push pin retainers.

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6. Disconnect the LH and RH tailpipe actuator electrical connectors. Detach the wiring retainers.



Loosen the LH and RH clamp nuts.
Torque: 35 lb. (48 Nm)

Release the locking tabs on the clamps.

Position the clamps rearward.

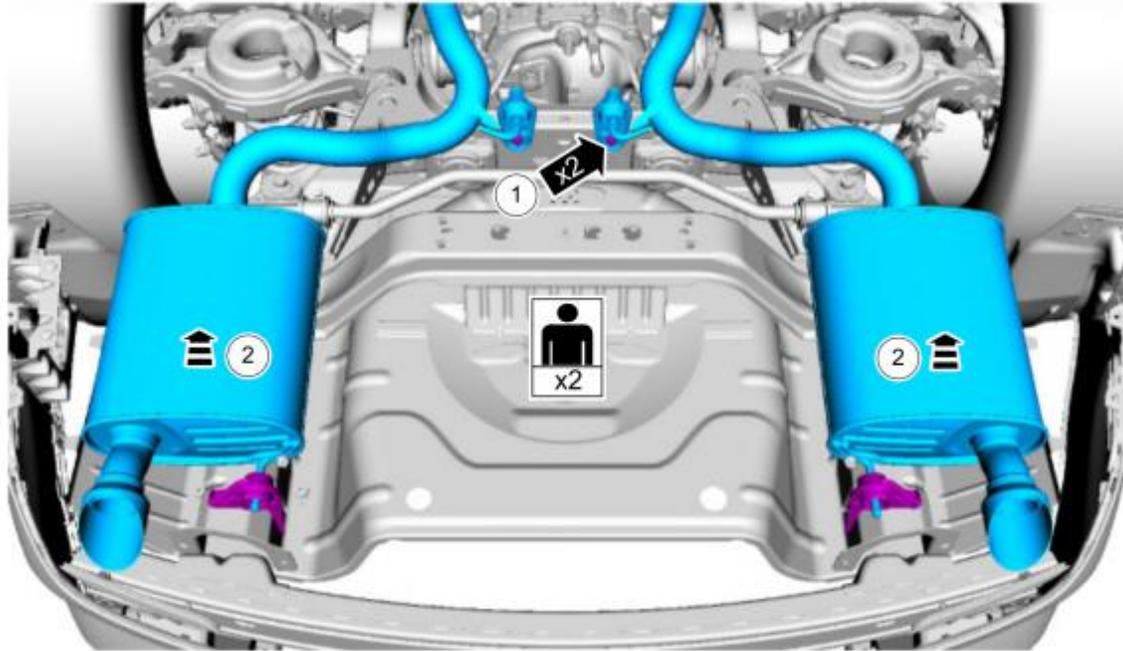


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7. Remove the LH and RH rear exhaust hanger isolator bracket bolts from the rear subframe.
Torque: 18 lb. (25 Nm). *GT Mufflers shown, Shelby GT350 similar*

Unhook the rear exhaust hanger isolators and remove the muffler and tailpipe. Remove the Exhaust Hanger Isolators from the Exhaust and re-install them back onto the Sub-Frame

8. Remove the Forward Stock Exhaust Clamps and transfer them over to the end of the new X-Pipe with the short tails (refer to the Picture on page 1)

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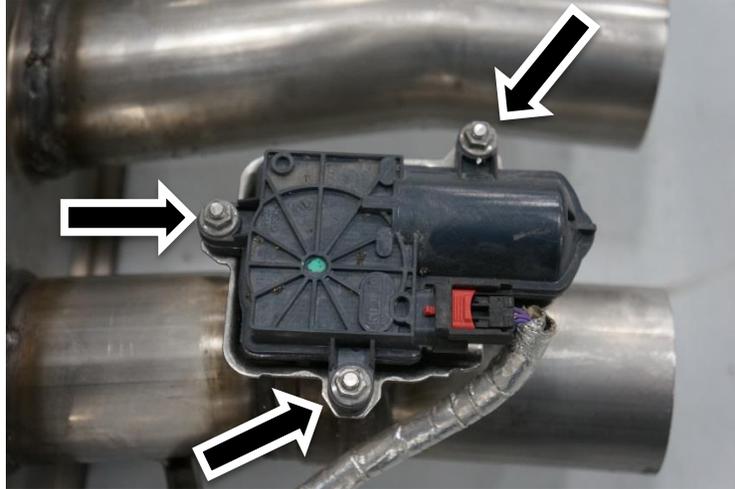


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9. Remove the Exhaust Valve Actuators by removing the three (3) mounting Nuts and lifting the Actuator off of the Valve. **DO NOT PRY THEM OFF.** Transfer them over to the new Mufflers. Left to Left, Right to Right. **Torque: 3.0 Nm. +/- .3**

IMPORTANT NOTE!!!! The Exhaust Valves are keyed. Pay close attention when installing the Actuators on the new Mufflers. The "At Rest" position of the Actuator is "Closed". Ensure the Valve is closed on the Muffler before installing the Actuator by looking into the Muffler Tip. Failure to do this will trigger a CEL.

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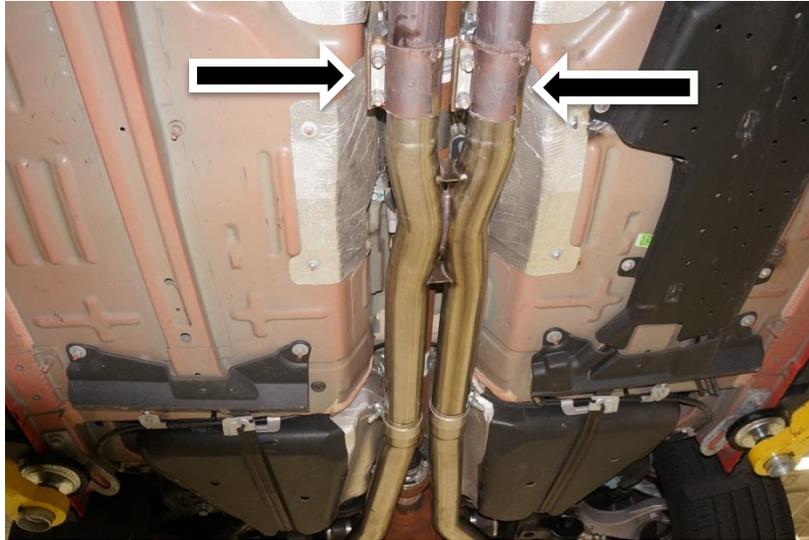


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10. Install the X-Pipe with the short tails towards the front of the Vehicle using the Stock Exhaust Clamps. Loosely tighten the four (4) Nuts to allow for adjustment later.



11. Place two (2) of the provided Exhaust Clamps on the X-Pipe with the Nuts to the outside and pointing down. Install the Left and Right Under Axle Tubes with the Exhaust Hangars through the Factory Isolators on the Sub-Frame. Do not tighten the Clamps at this time.

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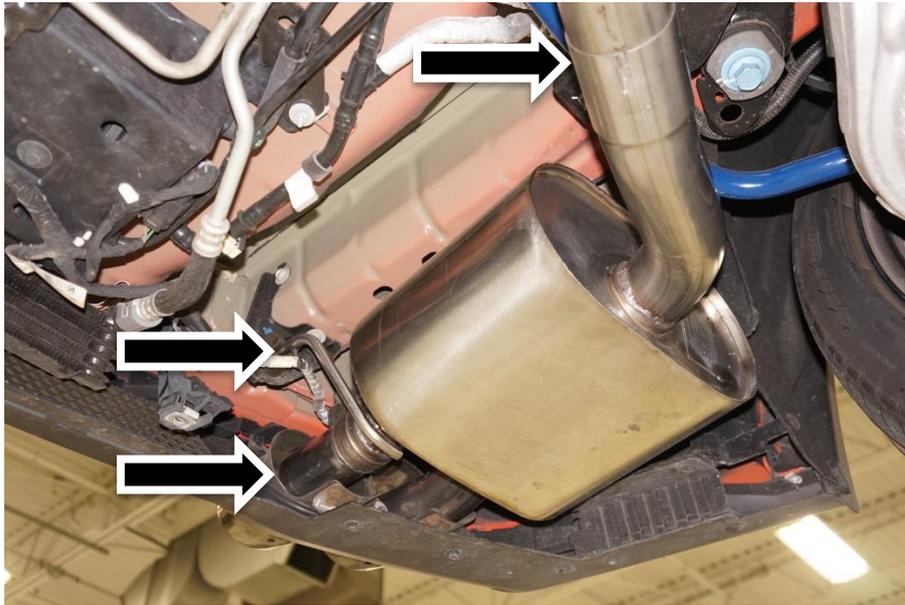


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12. Place the two (2) remaining Exhaust Clamps on the Under Axle Tubes with the Nut towards the front of the Vehicle and facing down. Install the Mufflers by routing the Tips through the Factory Exhaust Trim Rings as well as through the Exhaust Hangar Isolator then, connect the Muffler to the Under Axle Tubes.
13. Begin tightening the Exhaust System starting with the X-Pipe forward Factory Clamps. The X-Pipe is in proper position when it is pushed as far forward as possible and parallel to the Vehicle Floor. Torque the Clamps to spec.
14. Move to the mufflers and, one at a time position the Tips in the center of the Exhaust Trim Rings. Use the movement in the Exhaust Tubes to assist you. If you find the Mufflers will not hold their position, lightly tighten the Exhaust Clamps.
15. Once you are satisfied with the alignment of the Exhaust System, tighten all of the Exhaust Clamps to the proper Torque. **Torque: 35 lb. /ft. (48 Nm.)**
16. Plug in the Exhaust Valve Actuators.
17. Start the car. You should hear the Exhaust Note change while the Vehicle cycles the Exhaust Valves. If it does not, Cycle the Exhaust Valves via the Driver Controls to ensure proper function. You may notice some Smoke coming from the exhaust. This is normal and will burn off once the car goes through a Heat Cycle.
18. Re-install the Rear Underbody Shield

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