



SouthernBM G8X M2, M3 and M4 - Single Resonated Mid-Pipe

This installation guide provides instructions for fitting the Single Mid Pipe, Resonated system.

Included in this Kit:

- 1x Single Mid Pipe
- 1x Resonated Rear Mid Pipe
- 2x 70mm Slip Clamps
- 2x 70mm Exhaust Clamps (Pre-Installed on Resonated Rear Mid Pipe)

Minimum Required Tools:

- Lubrication Spray
- File or Deburring Tool
- Angle Grinder or Exhaust Pipe Cutter
- 13mm and 15mm Sockets
- Socket Handle and Extension
- Torque Wrench

Step-by-Step Installation:

Step 1.

- Raise the vehicle securely using a hoist or jack stands. Allow the exhaust system to cool before proceeding to avoid burning and injury.

Step 2.

- Unplug the Factory BMW Rear Muffler Electronic Valve Connectors.
- Unbolt the Centre Brace from the vehicle. (NOTE: only remove the outer 6x Bolts Securing the Centre Brace, DO NOT remove the 4x Inner Bolts)



- Unbolt the mid-section from the left and right Down Pipes and Remove the Left Cross Over Exhaust Section. (Please Ensure the Down Pipe Gaskets are in Good Condition. If Perishing, The Gaskets Must Be Replaced)



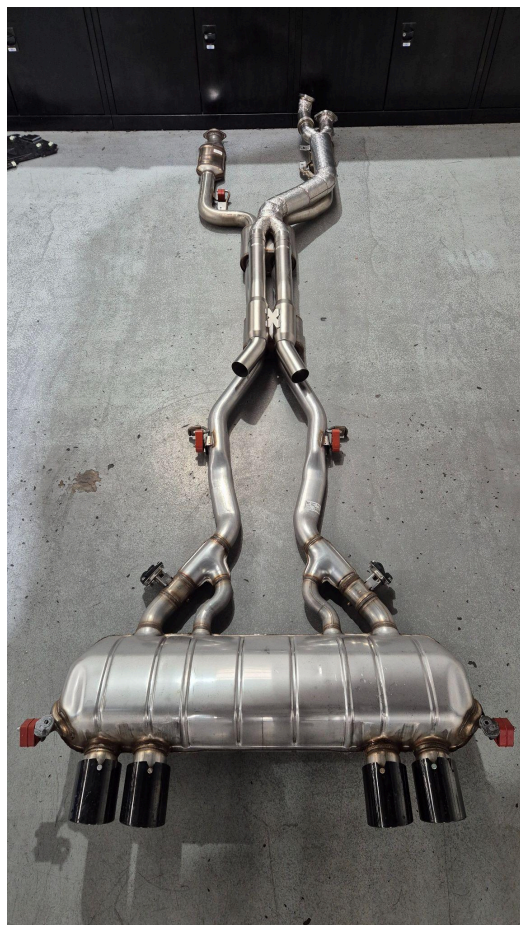
- Remove the full factory exhaust by disconnecting it from the rear exhaust hangers, gearbox exhaust hanger and carefully lower down.



Step 3.

- With the Factory Exhaust removed, assemble the SBM Mid Pipe Front Section with the Rear Resonated Section, and align the SBM Performance Mid Pipe in place with the Factory Exhaust. Mark cut locations on the OEM Exhaust where the new resonated rear section will attach.

The Factory BMW Exhaust has 3x Dimples located on each leg of the rear section. This cut location will reside somewhere along these pre-indicated cut points. Cut the Factory Exhaust in the newly marked locations. Deburr the pipe ends to ensure clean mating surfaces.



Step 4.

- Transfer Across the Factory BMW Transmission Mount Exhaust Hanger
- Mount the SBM Performance Mid Pipe to the Downpipes.
- Install the Factory BMW Rear Muffler via the Rear Muffler Hangers. Loosely mount the Rear Muffler to the SBM Performance Mid Pipe using the provided 70mm Slip Clamps.

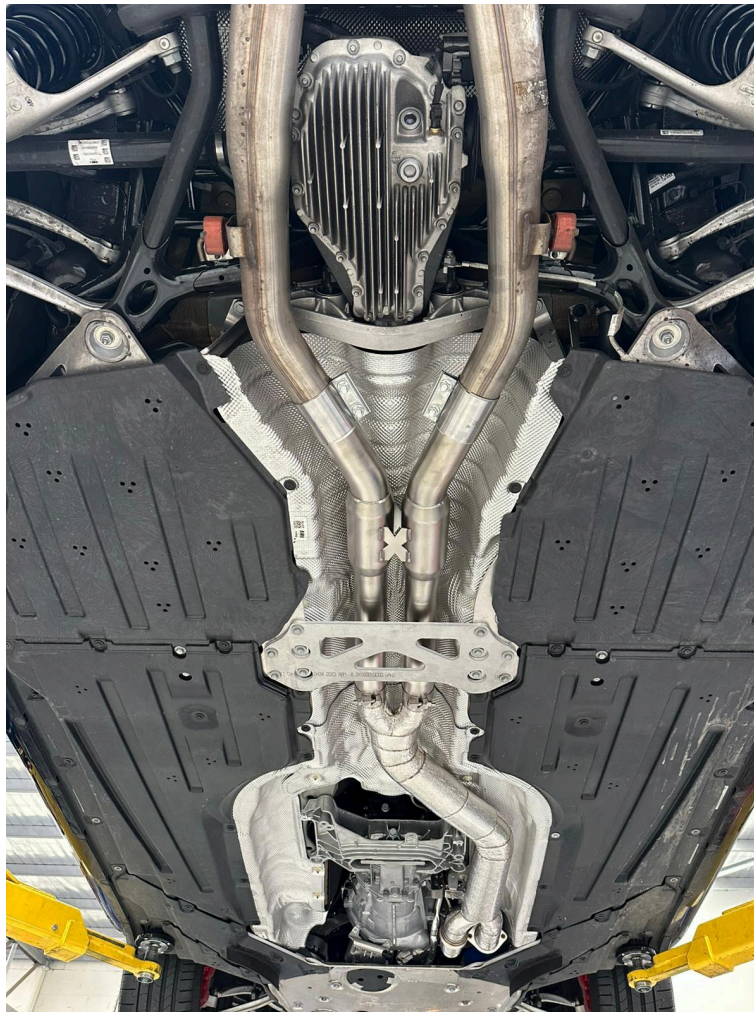
To ensure correct alignment, confirm that all exhaust Rubber Mount Hangers are in a vertical position and not skewed on a diagonal.



- Once fitment is confirmed and all components are aligned, tighten all clamps evenly.

Step 6.

- Reinstall the OEM BMW cross brace. Ensure a minimum 5-10mm clearance between brace and piping.
- Reattached the Factory BMW Rear Muffler Electronic Valve Connectors.
- Check that the exhaust has adequate clearance from all heat shielding to avoid rattles or vibrations. The Final Installed Mid Pipe Should Look as Follows:



Step 7.

- Lower the vehicle and run the engine. Complete a full Heat Cycle and test for leaks and noises.

Final Check and Disclaimer:

Once installation is complete, ensure that there is no contact between the mid pipe and heat shielding or surrounding components. Improper clearance may result in rattles or vibration during vehicle operation.

This product is intended for off-road or track use only. Installation should be performed by a qualified technician.