



INSTRUCTIONS

BMW E60 M5 2003 - 09

BMW E63 M6 2004 - 10

Active Autowerke REAR Exhaust

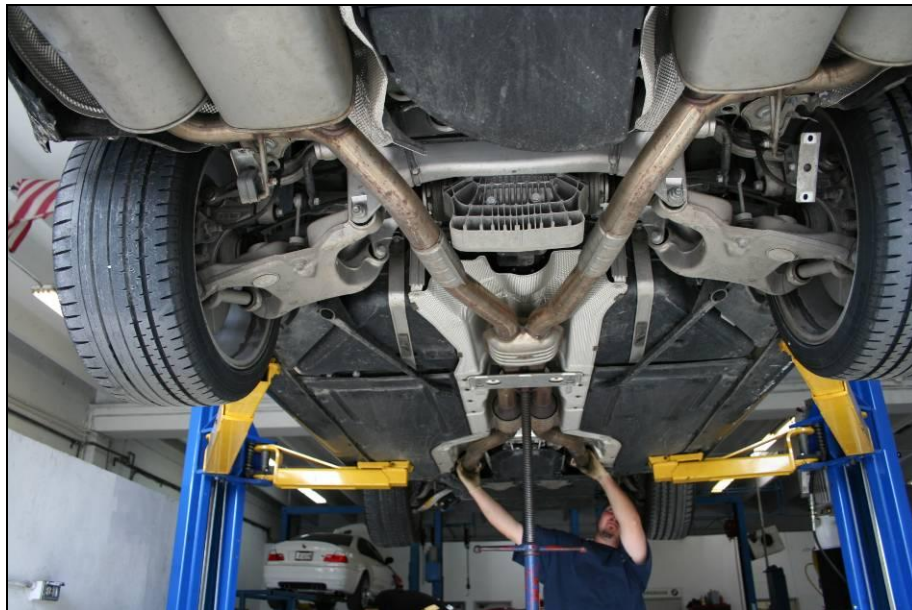


Tools Needed:

- Metric Sockets
- 3/8" Ratchet, extension
- Metric wrenches
- Large Screwdriver
- WD-40 lubricant
- Lift recommended



Remove factory rear muffler



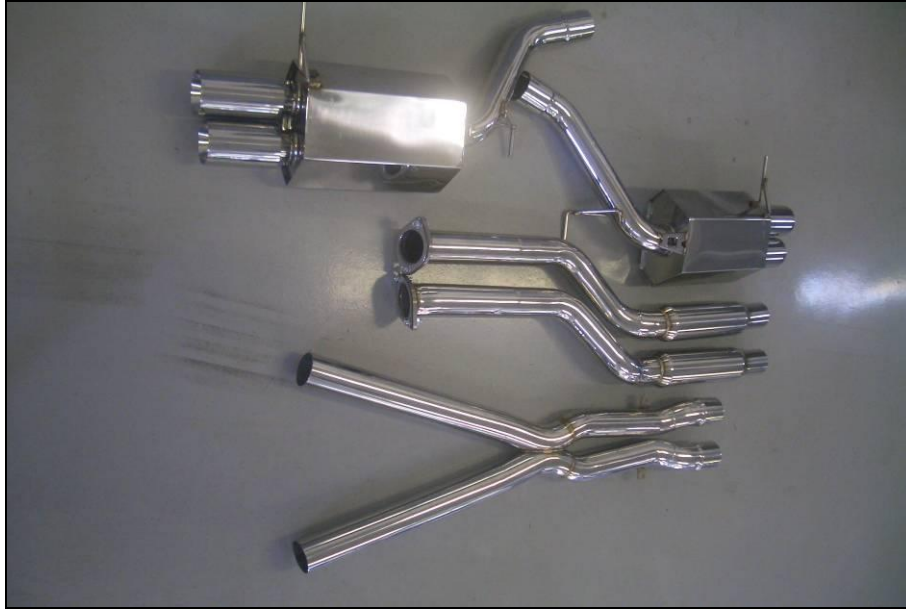
Rear exhaust being removed



Rear exhaust removed



Rear exhaust removed



*Components to be installed.
The factory exhaust comes off in one piece. The Active Autowerke exhaust gets installed in multiple pieces..*



*Layout exhaust pipes beforehand. This helps in the steps of the installation.
TOP pipe on the LEFT is for the Driver's SIDE FRONT PIPE
TOP pipe on the RIGHT is for the Passenger's SIDE FRONT PIPE
The X-PIPE goes afterwards and connects to BOTH of these FRONT PIPES.*



*Install the FRONT PIPES using Torx sockets to secure.
DO NOT FULLY tighten these Torx bolts at this time.
Wait until complete exhaust is bolted up and installed, This gives the exhaust system
the ability to float and to make minor adjustments before finally tightening.*





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The X-PIPE needs to be installed next. Observe that the X-PIPE has mounting brackets near the front consisting of two tabs.

The tabs need to be installed where they face the ground and are positioned on the bottom of the X-PIPE.

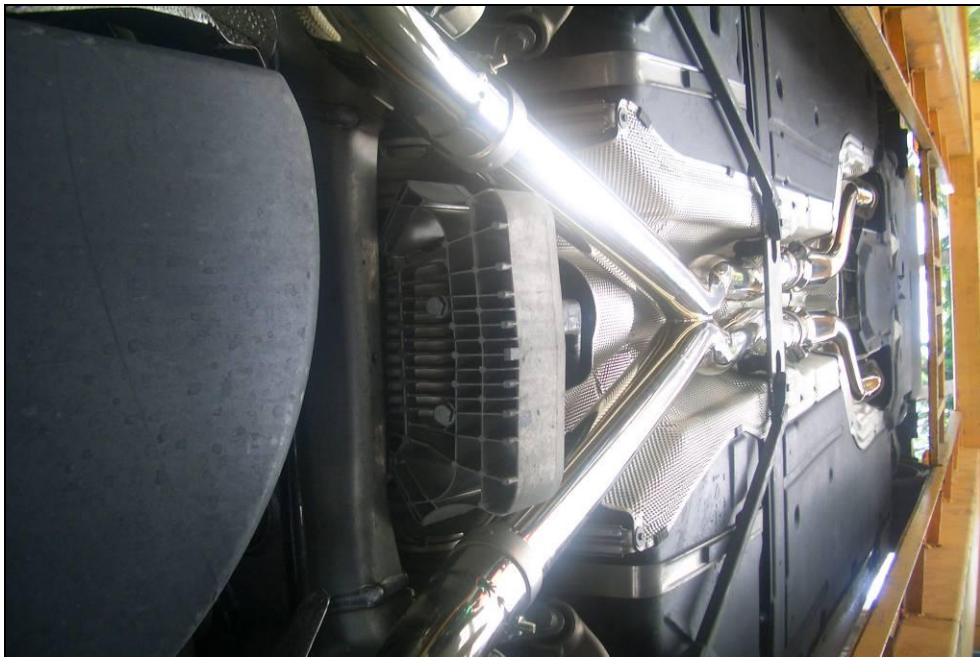
The X-PIPE could be installed backwards, but there will be too much tension and interferences within the rest of the exhausts system.



*Tabs on the X-PIPE touches the body, they need to be ground down to prevent interference
Shown is a tab uncorrected*



*Install Factory X-PIPE bracket with rubber mounts to the Active Autowerke X-PIPEX-PIPE.
Remember to install the TORCA clamps to connect the X-PIPE.*





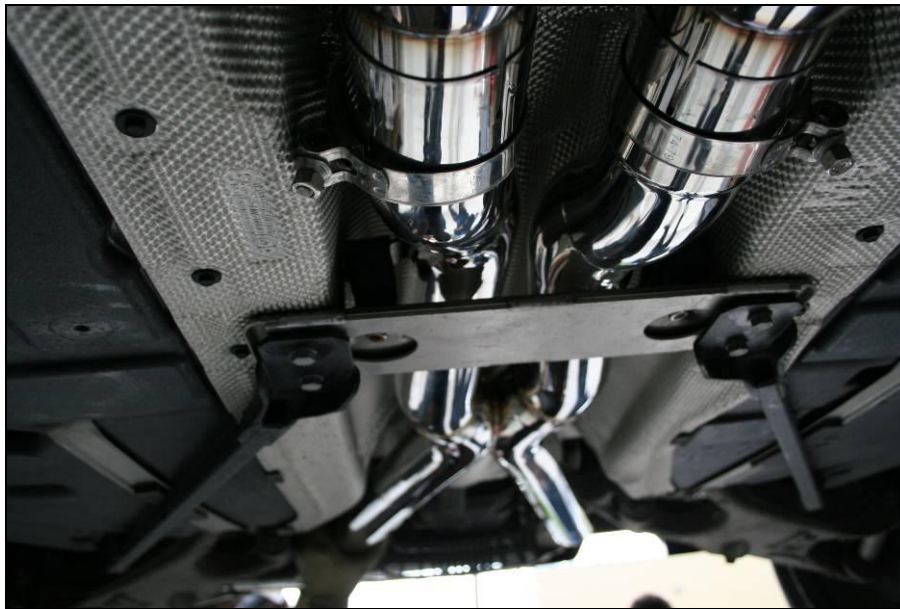
Front Pipes and X-PIPE installed



X-PIPE Cross member being installed



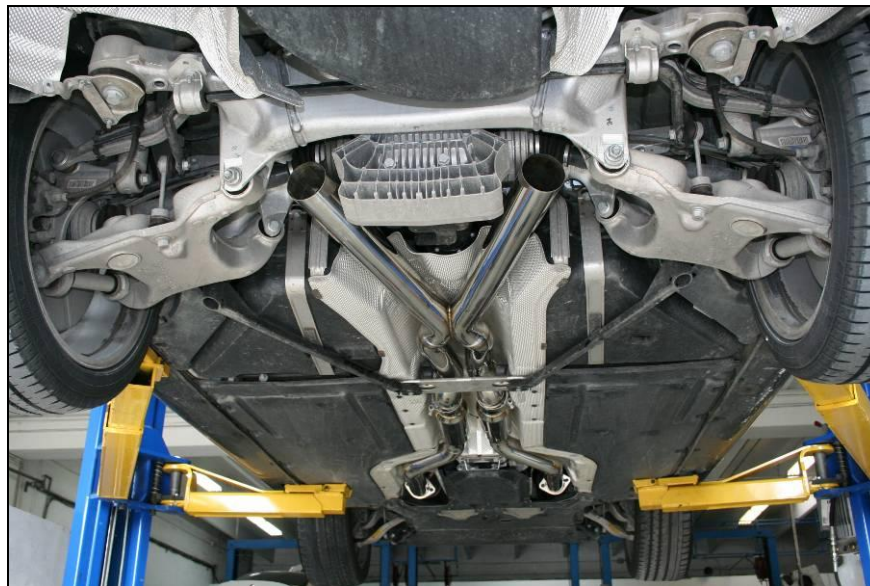
TORCA clamps connected



*Position TORCA clamps for proper ground clearance.
Verify that TORCA clamp bolt is not touching insulation heat shield within tunnel.
Use a large screwdriver to slightly alter heat shield for proper clearance.*



*X-PIPE exiting around differential.
Waiting to be connected to rear mufflers.*



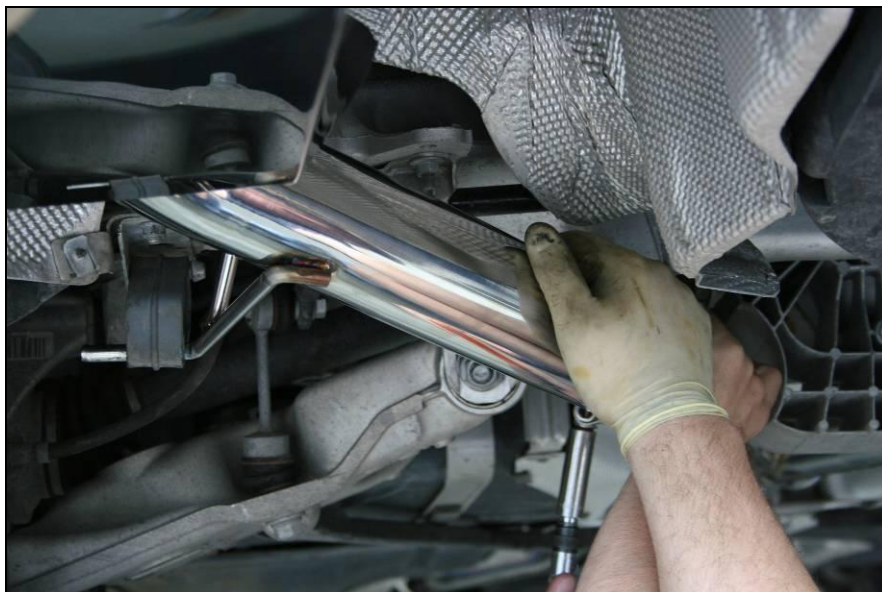
*X-PIPE exiting around differential.
Waiting to be connected to rear mufflers.*



*Look at the factory exhaust and take off the rubber mounts with bracket.
Install these on the BMW to the original positions.
This will be the new mounting points for the Active Autowerke exhaust.*



*Install the PASSENGER side rear exhaust can.
Install TORCA clamp, but do not tighten at this time.
Hang muffler to exhaust rubber hanger.*



*Install the DRIVER side rear exhaust can.
Install TORCA clamp, but do not tighten at this time.
Hang muffler to exhaust rubber hanger.*



Close up view of the DRIVER side rear exhaust can.



Support exhaust rear can while catching rear support mount.



Rear mount on exhaust can installed to body rubber mount.



Making adjustments to the mounting points to help center the exhaust.



Another installed look



Another installed look



Another installed look



Another installed look



- Check all clearance and tightness of all clamps and related hardware
- Check for proper rear muffler tips alignment to rear valance opening both height and centering
- Make adjustment as needed then tighten all bolts and clamps
- Perform road test

Thanks for purchasing and installing a Active Autowerke exhaust system. Being all stainless you can enjoy many years from this performance product.

If you have any questions, please contact anyone at Active Autowerke:

Active Autowerke
9940 SW 168 Terrace
Miami, Florida 33157, USA
Phone : 305.233.9300 - www.activeautowerke.com - info@activeautowerke.com

