



INSTALLATION INSTRUCTIONS

Unitronic Cat-Back Exhaust System for MK7 & MK7.5 Golf R® UH053-EXA

Unitronic recommends that you read through the entire installation instructions prior to beginning the installation to familiarize yourself with the included components, tools required, and procedures involved with the installation.

DISCLAIMER: Unitronic recommends that a Unitronic Authorized Dealer or other qualified and trained professional should perform the installation of this product.

Unitronic Installation Instructions are also available in digital format, if you prefer. Please visit the corresponding product page for a link to download the digital Installation Instructions. www.getunitronic.com

It is recommended to confirm all parts are present prior to beginning the installation.

PACKING LIST:

PART NUMBER	DESCRIPTION	QUANTITY INCLUDED
UH009-EX3	MQB® 1.8/2.0 TSI® Gen3 Transversal Reducer Quattro®	1
UH023-EX5	MQB Transversal Quattro Cat-Back Resonator Section	1
UH021-EX6	Muffler Section for MQB Golf R and S3®	1
UH007-EX8	Driver Side Tail Pipe Tube for MQB Golf R	1
UH008-EX8	Driver Side Valved Tail Pipe Tube for MQB Golf R	1
UH009-EX8	Passenger Side Tail Pipe Tube for MQB Golf R	1
UH010-EX8	Passenger Side Valved Tail Pipe Tube for MQB Golf R	1
UH016-EX8*	Driver Side Oval Chrome Tip 152549-01 for MQB Golf R	2
UH017-EX8*	Passenger Side Oval Chrome Tip 152550-01 for MQB Golf R	2
UH001-EX0	Unitronic 3" V-Band Clamp (Clampco)	2

*Part numbers may vary according to the selected exhaust tips.

RECOMMENDED TOOLS NEEDED:

- 13mm Socket
- 8mm Socket
- 11mm socket
- 3/8" Ratchet
- 4mm Allen
- Flathead Screwdriver



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- 1** Place the vehicle on jack stands or vehicle hoist.
- 2** Remove all the contents from the Unitronic Box to ensure all of the components are included (See Fig. 1)
- 3** Remove the four (4) 13mm nuts holding the chassis reinforcement bracket. And the one (1) 13 mm bolt on the middle Exhaust hanger (See Fig. 2)
- 4** Loosen the two (2) 13mm nuts from the exhaust sleeve clamp. (See Fig. 3)
- 5** Disconnect both of the exhaust valve harnesses from the outer tailpipe on the driver and passenger side. Be sure to unclip the harness from the hanger bracket as well. (See Fig. 4)
- 6** Secure the front portion of the cat-back using a transmission jack or a friend and remove the rubber exhaust bushing from the cat-back. (See Fig. 5)
- 7** Secure the muffler portion of the cat-back then remove the 13 mm bolts from the driver and passenger side exhaust hanger. This will drop the cat-back from the vehicle. (See Fig. 6 and 7)
- 8** With a friend, remove the factory cat-back from the vehicle. Safely place it aside to remove the exhaust hangers and flap motors.
- 9** Remove the exhaust hangers and exhaust flap motors using an 8 mm socket. Make sure to keep the hangers and flap motors on the correct side.



FIG. 1

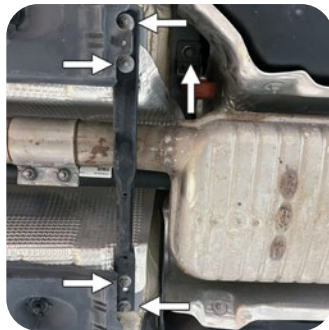


FIG. 2



FIG. 3



FIG. 4



FIG. 5



FIG. 6



FIG. 7



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- 10** Locate your Unitronic Muffler (UH021-EX6) and driver side tailpipes (UH007-EX8) & (UH008-EX8). Install the tailpipes onto the muffler. The valved pipe will be on the outer side. Leave all of the clamps hand tight to ensure proper alignment when installed.
- 11** Using the provided exhaust flap link, install the links onto the exhaust valve. (See Fig. 8)
- 12** Repeat the same steps using the (UH009-EX8) and (UH010-EX8) passenger side tailpipes and Unitronic Tips.
- 13** Locate the Unitronic Exhaust tips (UH016-EX8 / UH017-EX8) and place them onto the tailpipes.
- 14** Using a 4 MM Allen, install the exhaust flap motors onto the exhaust valve on both sides.
- 15** Install the exhaust hangers onto the muffler section. (See Fig. 9)
- 16** Locate the Resonator Section (UH023-EX5) one (1) sealing ring (UH002-EX7) and one 3" V-Band clamp (UH001-EX0) and install the Resonator section onto the muffler section. Leave the v-band clamp hand tight until installed. (See Fig. 10)
- 17** Transfer the middle exhaust hanger that was removed from the OEM cat-back to the front of the resonator section.
- 18** Locate the Reducer pipe (UH009-EX3) one (1) 3" Sealing ring (UH002-EX7) and one (1) 3" V-Band Clamp (UH001-EX0) and install the reducer onto the resonator section. (See Fig. 11)
- 19** The cat-back system is now ready to be installed onto the vehicle. (See Fig. 12)



FIG. 8



FIG.9



FIG. 10

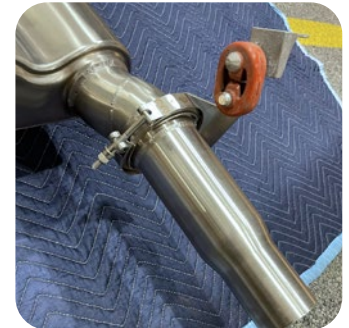


FIG. 11

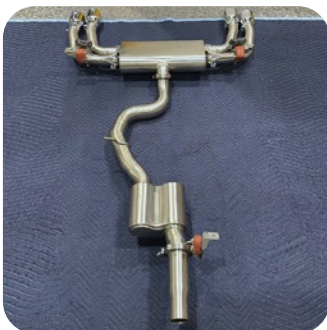


FIG.12



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UH053-EXA

- 15** With the help of a friend, using the two (2) 13 mm bolts, reinstall the muffler hangers onto the vehicle and one (1) 13 mm bolt for the middle exhaust hanger. (See Fig. 13 and 14)
- 16** Using your 13mm socket, tighten the sleeve clamp to mate the cat-back and downpipe.
- 17** Locate the exhaust flap harness, plug the passenger and driver side to the exhaust flap motors and clip the harness onto the hanger bracket.
- 18** Reinstall the chassis brace using the four (4) 13mm nuts. Ensure the bracket is installed in the correct orientation or the bracket will rub on the exhaust system.
- 19** Align the Resonator and muffler section. Using your 11mm socket, torque the V-Band clamp to 7 lb-ft.
- 20** Align the tailpipes and tips. Using your 13mm socket, tighten the band clamps and exhaust tips.

CONGRATULATIONS! You have successfully installed Unitronic's Cat-Back Exhaust System!

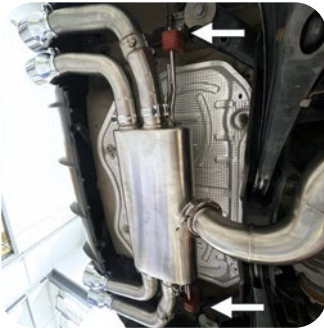


FIG. 13

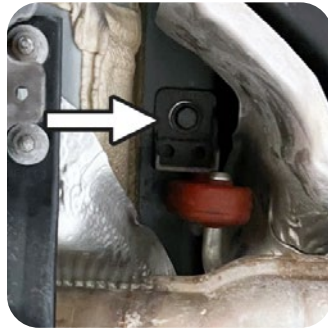


FIG. 14