INSTALLATION INSTRUCTIONS

Unitronic Performance Downpipe for AWD 2.0 TSI® Gen3 MQB®
UH075-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
UH041-EX2	MQB Upper Downpipe Catted Section	1
UH014-EX1	MQB AWD Lower Downpipe Section	1
UH009-EX3	MQB AWD 3" to 65mm Reducer	1
UH001-EX0	Unitronic 3" V-Band Clamp	2
UH002-EX7	3-inch Sealing Ring	2

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RECOMMENDED TOOLS NEEDED:

- Oxygen Sensor Wrench
- T25 Torx
- T40 Torx
- 8mm Allen
- 10mm 12-point socket
- 10mm Triple Square bit
- 6mm Allen
- 13mm socket
- 16mm socket
- 3/8" Ratchet
- 12" extension
- Torque wrench
- Pick
- Paint Marker
- Pry bar

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1. Place the vehicle on jack stands or vehicle hoist and open the engine compartment.
2. Remove engine cover by pulling firmly upwards on the cover. (See Fig. 2)
3. Unplug the secondary Oxygen sensor connector located near the brake fluid reservoir. (See Fig. 3)
4. Remove the O2 sensor wiring from the firewall retaining clips. (See Fig. 4)
5. Remove the O2 sensor from the downpipe using your O2 sensor wrench.
6. Remove the 6mm Allen Key retaining bolt from the factory v-band. (See Fig. 6)
7. Remove the two (2) 13mm nuts holding the downpipe to the engine bracket.
8. From under the vehicle, remove the eight (8) T25 torx screws from the under belly pan. (See Fig. 8)
9. Using a pry bar or flat head screwdriver, release the retaining clips towards the front of the plastic belly pan to release the belly pan and remove. (See Fig. 9)

Next 3 steps are specific to Audi A3/S3

10. Remove the rear T45 torx bolts from either side of the plastic belly pan. (See Fig. 10-A & 10-B)

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FIG. 2

FIG. 3

FIG. 4

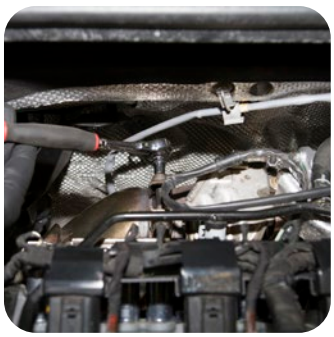
FIG. 6

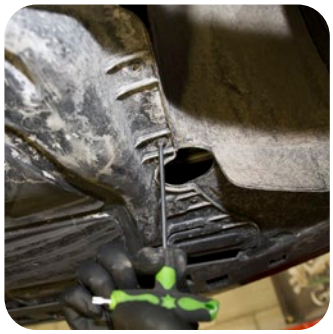
FIG. 8

FIG. 9

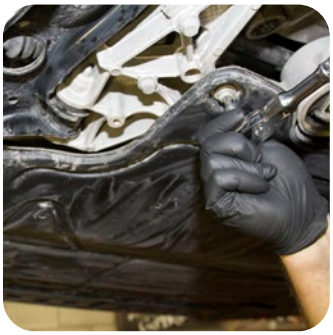
FIG. 10-A

FIG. 10-B

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UH075-EXA

11 Using a small pick, push in on the retaining clips to release the front of the wind deflector on each side (See Fig. 11-A & 11-B)

12 Use your T25 Torx to remove the bolts on either side of the rear of the wind deflector and remove. (See Fig. 12)

13 Remove the two (2) 13mm bolts holding the downpipe to the subframe. (See Fig. 13)

14 Remove the two (2) 8mm Allen on passenger side of drive shaft heat shield and remove heat shield. (See Fig. 14)

15 Remove the 16mm bolt/stud securing the driveshaft heatshield.

16 Remove the upper driver side bolt for the drive shaft heat shield using a 10mm triple square bit with extension and ratchet (See Fig. 16)

17 Remove the front two (2) 16mm bolts front "dogbone" mount bolts. (See Fig. 17)
2018+ cars equipped with DQ381 Transmission use 18mm bolts

18 Using your paint marker, mark the driveshaft for orientation to ensure reinstallation is aligned properly. (See Fig. 18)

19 Remove the three (3) 10mm 12-point socket bolts holding the drive shaft flange to bevel box. (See Fig. 19)

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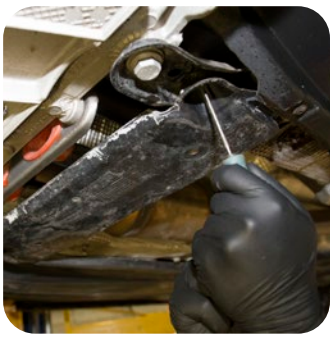
FIG. 11-A

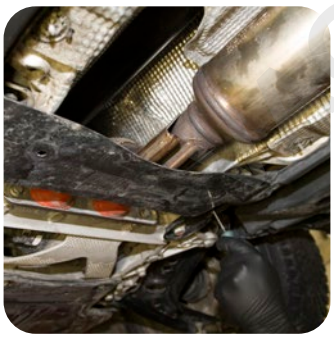
FIG. 11-B

FIG. 12

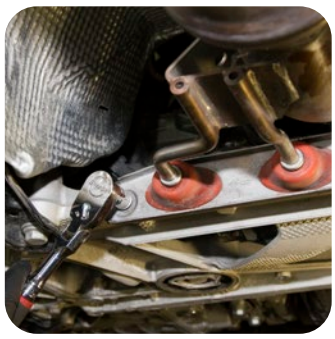
FIG. 13

FIG. 14

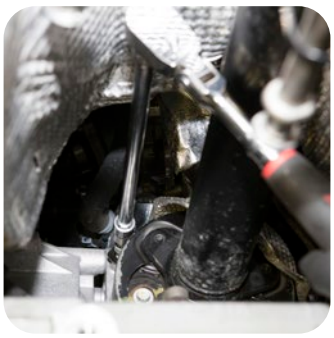
FIG. 16

FIG. 17

FIG. 18

FIG. 19

20 Using your pry bar, press the engine/transmission assembly slightly towards the front of the vehicle and remove the driveshaft from the bevel box. NOTE: If damage is done to the driveshaft center seal, replacement is necessary. (See Fig. 20-A & 20-B)

21 Remove the two (2) 13mm nuts from the middle exhaust sleeve clamp and slide it out of the way. (See Fig. 21)

22 Remove the downpipe from the vehicle by rotating it to the side and sliding it out. (See Fig. 22-A & 22-B)

23 Remove the downpipe exhaust mount bracket from the downpipe.

24 Locate the Unitronic upper downpipe catted section (UH041-EX2) and install the lower subframe exhaust mount. (See Fig. 24)

25 Install the upper downpipe cat section on the car from underneath, align the 2 studs from the engine bracket into their specific slots on the downpipe bracket and make sure to mate the upper v-band flange to the turbo-charger and install the v-band clamp loosely. (See Fig. 25)

26 Reinstall loosely the two (2) 13mm nuts holding the downpipe to the engine bracket. (See Fig. 26)

27 Re-install the driveshaft, driveshaft heatshield, axleshaft heatshield and "dogbone" mount in reverse order of uninstallation.

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FIG. 20-A

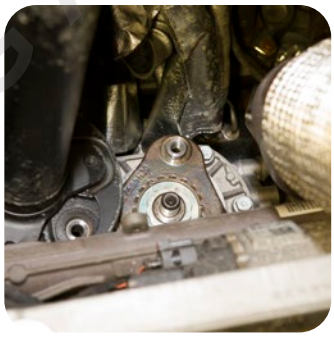
FIG. 20-B

FIG. 21

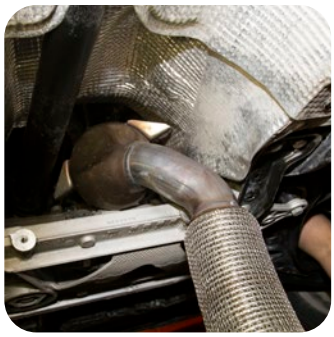
FIG. 22-A

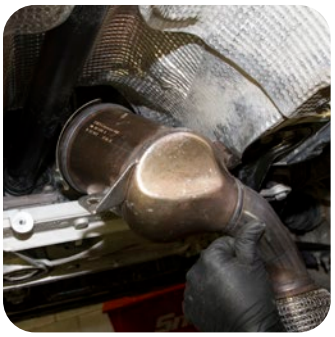
FIG. 22-B

FIG. 24

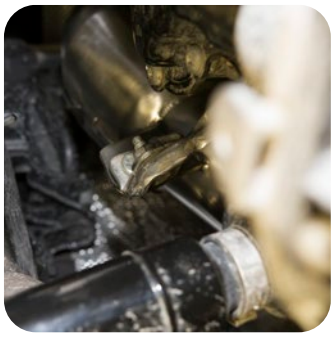
FIG. 25

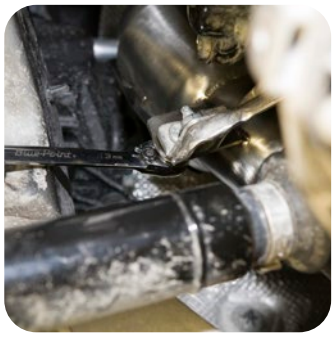
FIG. 26

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28 Reinstall the two (2) 13mm bolts from the lower downpipe exhaust mount bracket. (See Fig. 28)

29 Locate the Unitronic lower downpipe section (UH014-EX1), one Unitronic v-band clamp (UH001-EX0) and one sealing ring (UH002-EX7). Install the sealing ring into the flange groove, mate the lower downpipe section to the upper downpipe section's v-band flanges together, and loosely install the v-band clamp. (See Fig. 29)

30 Locate the Unitronic 3" to 65mm reducer (UH009-EX3), remaining v-band clamp (UH001-EX0) and sealing ring (UH002-EX7), mate the lower downpipe section to the reducer v-band flanges together, and install loosely the v-band clamp. (See Fig. 30)

31 Install the OEM exhaust sleeve clamp to mate the Unitronic downpipe to the stock Cat-Back and tighten the two 13mm nuts.

32 From the top, tighten the two 13mm nuts from the upper downpipe section to the engine bracket.

33 Tighten the 6mm Allen Key v-band clamp bolt.

34 Re-Install the secondary O2 sensor into the Unitronic upper downpipe section and route the wiring into the corresponding firewall retaining clips. (See Fig. 34)

35 Finally, adjust by rotating the lower downpipe section to clear the tunnel heatshield and driveshaft and tighten all Unitronic v-band clamps to 7 ft-lb using a torque wrench.
We recommend using a small hammer and tap on the outside of the v-band clamps to make sure the seals and clamps are sitting properly and then re-torque the nuts.

CONGRATULATIONS! You have successfully installed Unitronic's Performance Downpipe!

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FIG. 28

FIG. 29

FIG. 30

FIG. 34