



INSTALLATION INSTRUCTIONS

Unitronic Downpipe for FWD 1.8 TSI® Gen3 MQB® UH041-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
UH031-EX2	MQB Upper Downpipe Section w Catalyst	1
UH026-EX1	MQB/MK7 FWD Midpipe	1
UH001-EX3	3" to 60mm Reducer	1
UH001-EX0	3" V-Band Clamp	2
UH002-EX7	Sealing Ring	2

RECOMMENDED TOOLS NEEDED:

- Oxygen Sensor Wrench
- 6mm Allen key
- 13mm socket
- 3/8" Ratchet
- 12" extension
- Torque wrench
- Pry bar (if necessary)



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- 1** Place the vehicle on jack stands or vehicle hoist and open the engine compartment.
- 2** Unplug the primary Oxygen sensor near the brake fluid reservoir. (See Fig. A)
- 3** Remove the o2 sensor wiring from the firewall retaining clips. (See Fig. B)
- 4** Remove the retaining bolt from the factory v-band using a 6mm Allen key. (See Fig. C)
- 5** Using a 13mm socket, extension, and ratchet, loosen the nut holding the downpipe bracket located near the engine motor mount. (See Fig. D)
- 6** From under the vehicle, use your 13mm socket to remove the 2 nuts holding the downpipe to the engine bracket. (See Fig. E)
- 7** Loosen the two (2) 13mm bolts holding the downpipe to the engine block. (See Fig. F)
- 8** Remove the two (2) 13mm bolts holding the downpipe to the subframe. (See Fig. G)
- 9** Remove the four (4) 13mm bolts holding the chassis reinforcement bracket. (See Fig. H)



FIG. A



FIG. B



FIG. C



FIG. D



FIG. E



FIG. F



FIG. G



FIG. H



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- 10** Remove the two (2) 13mm nuts from the middle exhaust sleeve clamp. (See Fig. I)
- 11** Remove the downpipe from the vehicle by rotating it to the side and sliding it out. (See Fig. J & K)
- 12** Remove the downpipe bracket. (See Fig. L)
- 13** Remove the o2 sensor from the downpipe using your o2 sensor wrench. (See Fig. M)
- 14** Locate the Unitronic Cat Section (UH031-EX2) and install the primary o2 sensor into the correct mounting location. (See Fig. N)
- 15** Install the Cat Section by mating the upper v-band flange to the turbocharger. (See Fig. O) Be sure to align the 2 studs from the downpipe bracket into their specific slots on the downpipe. (See Fig. P)
- 16** Reinstall the two (2) 13mm nuts holding the downpipe to the engine bracket. (See Fig. Q)
- 17** Retighten the two (2) 13mm nuts holding the downpipe bracket to the engine block.



FIG. I



FIG. J

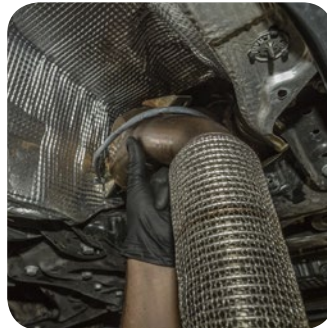


FIG. K

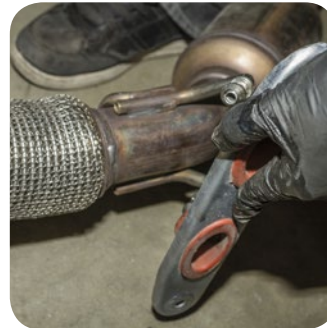


FIG. L



FIG. M



FIG. N



FIG. O

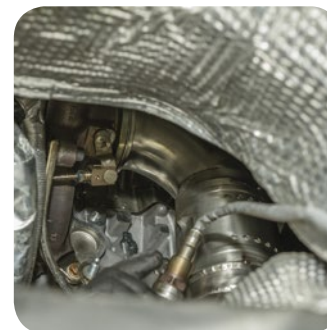


FIG. P



FIG. Q



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- 18** Locate the Unitronic Downpipe Flex section (UH013-EX1) and Install the lower downpipe subframe bracket onto the mounting bracket of the Unitronic Flex Section. (See Fig. R)
- 19** Install the Unitronic Flex Section. (See Fig. S)
- 20** Reinstall the two (2) 13mm bolts holding the lower downpipe subframe bracket to the subframe. (See Fig. T)
- 21** Locate one of the Unitronic V-Band Clamps (UH001-EX0) and one Sealing Ring (UH002-EX7) and insert the sealing ring into the appropriate groove on the v-band flange, mate the Cat Section and Flex Section's V-band flanges together, and affix the V-Band Clamp around the V-band flanges to secure it in position. (See Fig. U)
- 22** Locate the Unitronic 3" to 60mm Reducer (UH001-EX3), remaining V-Band Clamp (UH001-EX0) and Sealing Ring (UH002-EX7). Install it into the stock slip clamp to mate the Unitronic Downpipe to the stock cat-Back. Be sure to place the sealing ring in the appropriate groove on the V-Band Flange before affixing the clamp around the v-band flanges.
- 23** Re-install the stock v-band clamp to mate the turbocharger discharge to the Unitronic Downpipe Cat Section. (See Fig. V)
- 24** Re-Install the primary o2 sensor wiring into the corresponding firewall retaining clips. (See Fig. W)
- 25** Finally, check and adjust tip alignment, if necessary, and tighten all Unitronic V-Band Clamps to 7 ft-lb using a torque wrench.

CONGRATULATIONS! You have successfully installed Unitronic's Downpipe!

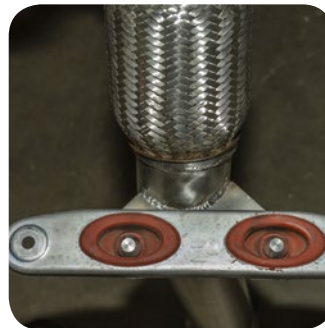


FIG. R



FIG. S



FIG. T



FIG. U



FIG. V



FIG. W