



# INSTALLATION GUIDE

Intercooler Pipe Kit, Fits 2022+ Volkswagen GTI MK8 (MQB)  
SKU: MMICP-MK8-22

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## RESOURCES & CONTACT

-  **CALL 1.877.466.4744**  
CUSTOMER SERVICE HOURS: MON-FRI 8:30AM-5:00PM EST
-  @MISHIMOTO
-  @GOMISHIMOTO
-  MISHIMOTO
-  @MISHIMOTO
-  **ENGINEERING BLOG**  
[WWW.MISHIMOTO.COM/ENGINEERING](http://WWW.MISHIMOTO.COM/ENGINEERING)

### IMPORTANT SAFETY INFORMATION

- › Mishimoto recommends you use safety glasses and protective gloves during the installation of our products
- › Raise vehicle only on jack stands or on a vehicle lift
- › Allow vehicle to cool completely prior to attempting installation
- › Do not run the engine or drive the vehicle while overheating; serious damage can occur
- › Please dispose of any liquids properly
- › Mishimoto is not responsible for any vehicle damage or personal injury due to installation errors, misuse, or removal of Mishimoto products
- › If you need any assistance while installing our products, reach out to our Customer Service Team at 1-877-GOMISHI

### SUPPLIED PARTS

- |                                     |   |
|-------------------------------------|---|
| (1) MISHIMOTO HOT SIDE CHARGE PIPE  | (1) TREE CLIP ZIP TIE                   |
| (1) MISHIMOTO COLD SIDE CHARGE PIPE | (4) MISHIMOTO SILICONE COUPLERS         |
| (1) MOUNTING BRACKET                | (1) 33-57MM HIGH TORQUE WORM GEAR CLAMP |
| (1) M6 HEX HEAD BOLT                | (7) 52-76MM HIGH TORQUE WORM GEAR CLAMP |
| (1) M6 BUTTON HEAD BOLT             |   |

### REQUIRED TOOLS

- |                      |                   |
|----------------------|-------------------|
| T25 TORX BIT         | PICK TOOL         |
| T30 TORX BIT         | 3MM ALLEN KEY     |
| 7MM SOCKET           | PANEL CLIP PLIERS |
| 8MM SOCKET           | (OPTIONAL)        |
| FLATHEAD SCREWDRIVER |                   |

**INSTALL TIME: 2 HOURS**

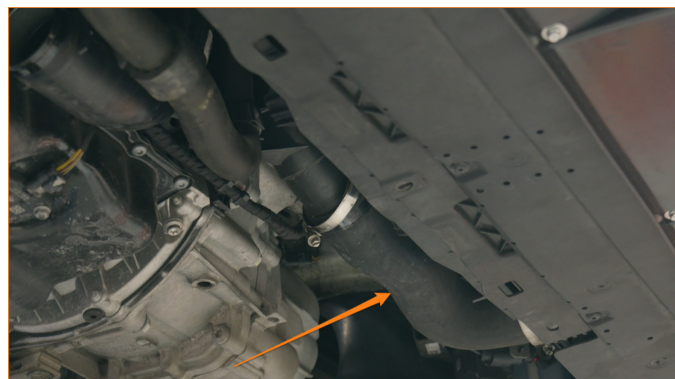
**INSTALL DIFFICULTY:** 

### INSTALLATION INSTRUCTIONS

**1.** Using a T25 Torx bit, remove the eight (8) bolts securing the plastic splash guard and remove it from the vehicle.



**2.** Using a 7mm socket or flathead screwdriver, loosen the stock hose clamps securing the intercooler couplers to the stock intercooler and stock charge pipes and remove the couplers from the vehicle.



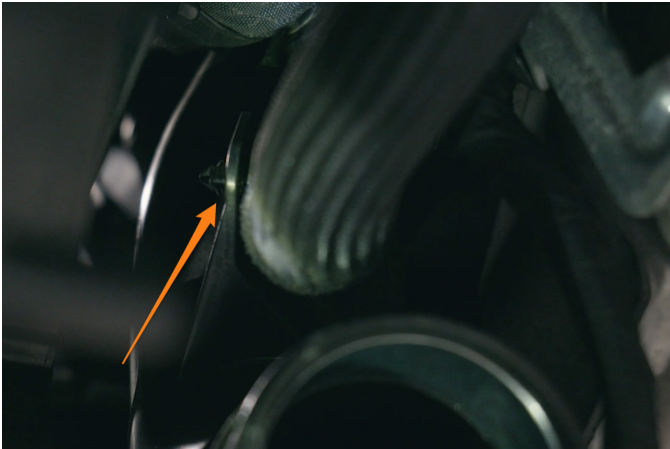
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**3.** Remove the clip holding the wiring harness to the stock hot side pipe by depressing the button on the back with a pick tool and sliding the clip off the bracket.



**4.** Using panel clip pliers or a flathead screwdriver, remove the tree clip holding the hose to the stock hot side pipe.



**5.** Using a T30 Torx bit, unbolt the bolt securing the stock hot side pipe to the engine. This is a captive bolt and will remain attached to the pipe.



**6.** From the top side of the engine bay, remove the air intake from the vehicle to get better access to the stock hot side pipe.

**7.** Using panel clip pliers or a flathead screwdriver, remove the remaining tree clip mounts from the stock hot side pipe.



**8.** Using a T30 Torx bit, unbolt the bolt securing the stock hot side pipe to the bracket on the upper part of the engine. This is a captive bolt and will remain attached to the pipe.



**9.** Using a 7mm socket or flathead screwdriver, loosen the stock hose clamps securing the coupler between the turbocharger and the stock hot side pipe and remove the coupler from the vehicle.

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**10.** Remove the stock hot side pipe from the vehicle. It may be easier to remove the pipe from the underside of the vehicle.



**11.** Unplug the connector from the MAP sensor on the stock cold side pipe by pulling out the lock and depressing the clip on the connector.



**12.** Remove the hose from the plastic clip on the stock cold side pipe. Then, using a T30 Torx bit, unbolt the bolt securing the stock cold side pipe to the engine. This is a captive bolt and will remain attached to the pipe.



**13.** Using a T30 Torx bit, unbolt the other bolt securing the stock cold side pipe to the engine. This bolt is located behind the MAP sensor. This is a captive bolt and will remain attached to the pipe.



**14.** Using a 7mm socket or flathead screwdriver, loosen the stock hose clamp securing the coupler to the throttle body.



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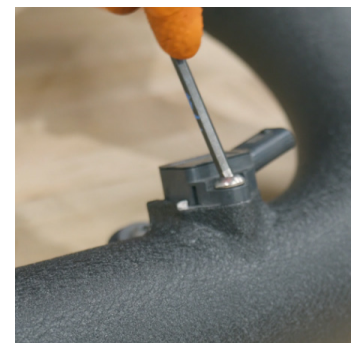
15. Remove the stock cold side pipe from the vehicle from the underside of the vehicle.



16. Transfer the grommets and captive bolts from the stock pipes to the Mishimoto pipes by pulling the bolt assembly out of the grommet and then removing the grommet from the brackets on the pipes. Next, insert the grommet from the back side of each of the Mishimoto brackets and insert the bolt assembly into the grommet from the front side.



17. Using a T25 Torx bit, remove the bolt securing the MAP sensor to the stock cold side pipe. Then remove the MAP sensor from the pipe and install it into the sensor port on the Mishimoto cold side pipe. Secure the MAP sensor to the Mishimoto pipe using the supplied M6 button head bolt. Tighten with a 3mm Allen key.



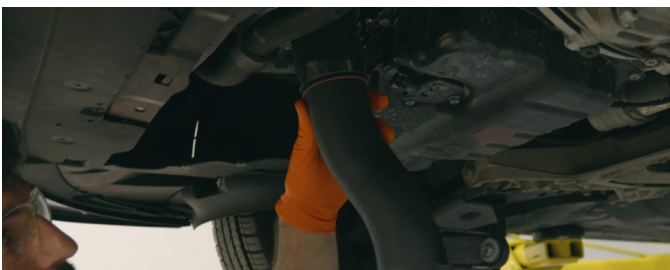
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**18.** Secure the end of the throttle body coupler labeled “cold side pipe” with one (1) of the supplied 52-76mm worm gear clamps in the orientation shown below. The clamp can be tightened with an 8mm socket or a flathead screwdriver. Place another one (1) of the supplied 52-76mm worm gear clamps onto the coupler and leave it loose for now.



**19.** Install the Mishimoto cold side pipe onto the vehicle up from the bottom of the engine bay positioning the coupler onto the throttle body. Then, using an 8mm socket or flathead screwdriver, secure the coupler to the throttle body by tightening the clamp that was left loose in the previous step.



**20.** Using a T30 Torx bit, tighten the two (2) captive bolts that were transferred to the Mishimoto cold side pipe to secure it to the engine. Then, reconnect the MAP sensor plug.



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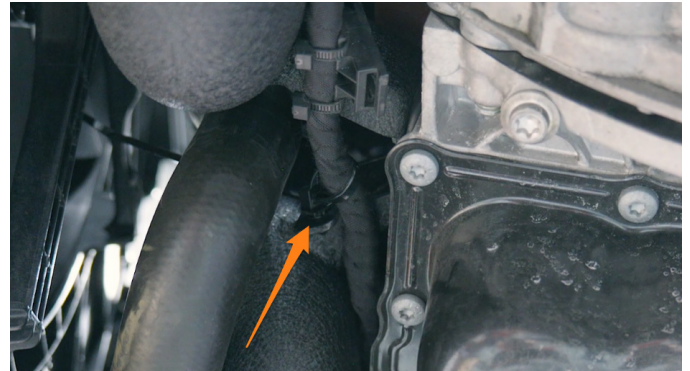
**21.** Using an 8mm socket or flathead screwdriver, secure the end of the coupler labeled “intercooler out” to the outlet of the intercooler and the end labeled “cold side pipe” to the pipe with two (2) of the supplied 52-76mm worm gear clamps.



**22.** Install the Mishimoto hot side pipe onto the vehicle up from the bottom of the engine bay. Then, using a T30 Torx bit, tighten the one (1) captive bolt that was transferred to the Mishimoto hot side pipe to secure it to the engine.



**23.** Using the supplied tree clip zip tie, secure the wiring harness to the cold side pipe. The tree clip can be inserted into the hole on the cold side pipe bracket.

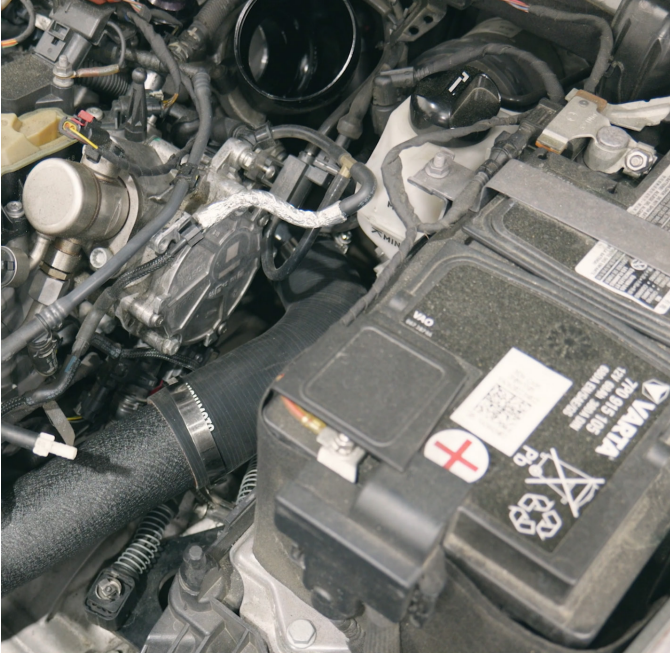


**24.** Using an 8mm socket or flathead screwdriver, secure the end of the coupler labeled “intercooler in” to the inlet of the intercooler and the end labeled “hot side pipe” to the pipe with two (2) of the supplied 52-76mm worm gear clamps.



**25.** Install the turbocharger coupler to the turbo outlet and the Mishimoto hot side pipe. Secure the end of the coupler to the turbocharger using the supplied 33-57mm worm gear clamp and secure the other end of the coupler to the hot side pipe using the remaining supplied 52-76mm worm gear clamp. Tighten the clamps using an 8mm socket or flathead screwdriver. (Image on next page)

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**26.** Using a 10mm socket and the supplied M6 hex head bolt, attached the supplied bracket to the Mishimoto hot side pipe. Then using a T30 Torx bit, secure the bracket to the engine with the one (1) captive bolt that was transferred to the Mishimoto bracket.



**27.** Reinstall the air intake.

**28.** Using a T25 Torx bit, reinstall the plastic splash guard with the eight (8) bolts that were removed in Step 1.

**Congratulations, you have completed your installation!**

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## DISPOSAL INSTRUCTIONS

- › Do not dispose of any product as unsorted municipal waste. Use separate collection facilities. Contact your local authority for information regarding the collection systems available.
- › Never improperly dispose of any coolant, oil, or other chemicals

## WARRANTY INFORMATION



- › All claims must be accompanied with a picture of the Mishimoto product showing the issue for which the claim is being submitted.
- › Mishimoto asks that the customer inspect their purchased item for any damage immediately upon arrival.
- › Any product deemed dead on arrival (DOA) must be claimed within 14 business days of delivery. Claims outside of this time frame will not be covered under the Mishimoto Lifetime Warranty.
- › This warranty does not include payment and/or reimbursement of the cost of labor in connection with the removal of any product returned pursuant to the warranty policy or in connection with the installation of any replacement items provided under the warranty policy.
- › Mishimoto has the right to refuse a claim at any time.

- › When Mishimoto accepts a claim, Mishimoto retains full discretion to choose if it will: (i) repair or replace purchaser's original Mishimoto product; (ii) replace purchaser's original Mishimoto product with the most current available model; or (iii) provide the purchaser with a gift card redeemable on [Mishimoto.com](https://www.mishimoto.com) in the amount of the original purchase price of the original Mishimoto product. The provision of a replacement of a Mishimoto product is subject to availability and Borne Off-Road retains the right to substitute any warranty claim item with a comparable item or credit at any time.
- › If Mishimoto determines that it will provide a replacement item in connection with a claim under this warranty policy, and such item is out of stock, Mishimoto will place the customer on backorder and ship the replacement product to the purchaser once it becomes available.
- › Mishimoto is not liable for incorrect shipments in connection with a claim if a claim form is completed incorrectly, or if a model number is not included in a claim.
- › If you have a vehicle equipped with an automatic transmission, please make sure to specify this within the text box on the claim form. Mishimoto is not responsible for incorrect replacement shipments if transmission type is not indicated.



**WARNING**  
Cancer and  
Reproductive Harm  
[www.P65Warnings.ca.gov](https://www.P65Warnings.ca.gov)

- › This product can expose you to chemicals which are known to the state of California to cause cancer. For more information visit: [www.p65warnings.ca.gov](https://www.p65warnings.ca.gov)