



INSTALLATION GUIDE

2021+ FORD BRONCO 2.7L ECOBOOST INTERCOOLER PIPE KIT

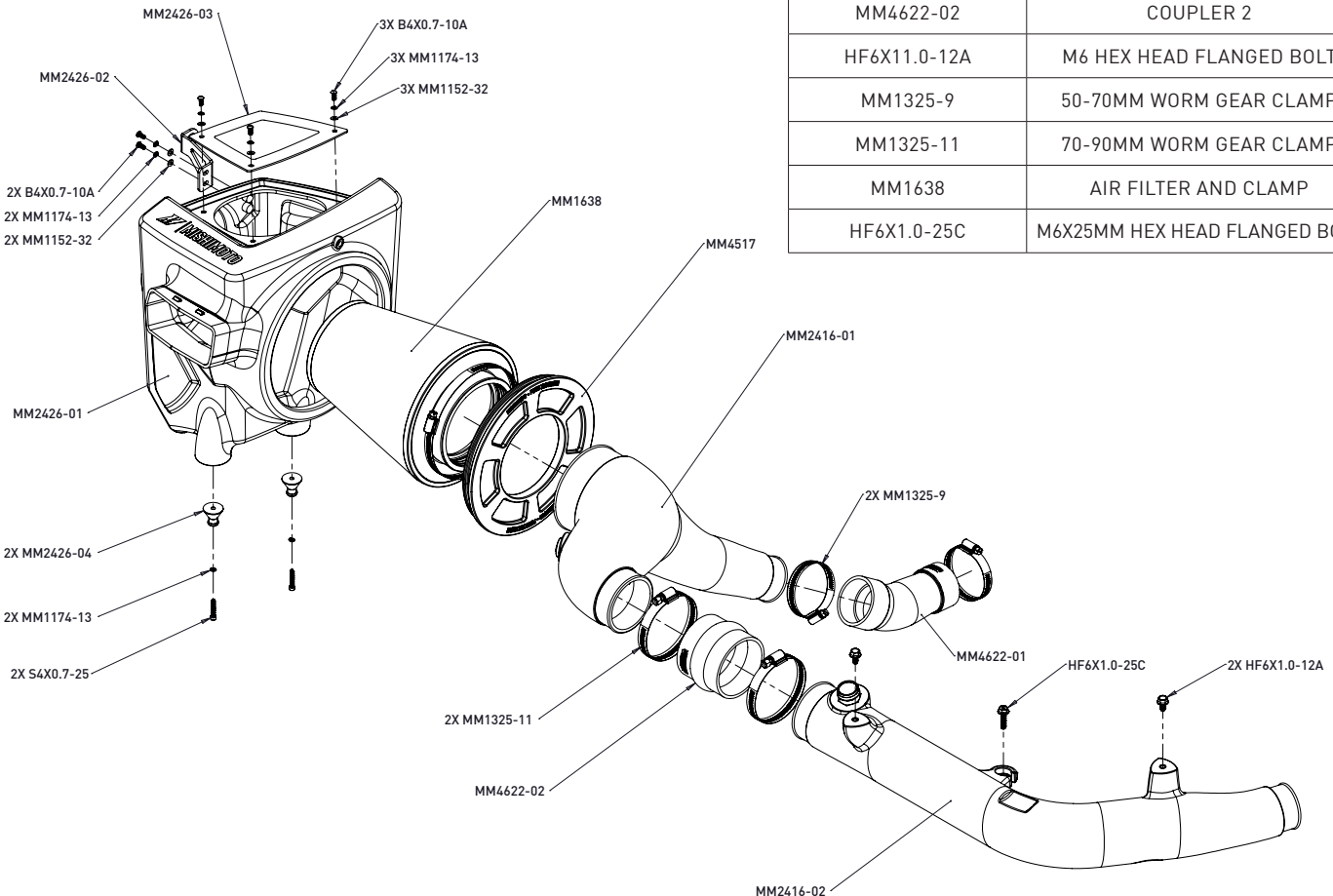
SKU: MMAI-BR27-21

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RESOURCES & CONTACT

-  **CALL 1-877-GOMISHI**
CUSTOMER SERVICE HOURS: MON-FRI 8:30AM-5:00PM EST
-  **MISHIMOTO**
-  **GOMISHIMOTO**
-  **MISHIMOTO**
-  **WEBSITE**
WWW.MISHIMOTO.COM
-  **ENGINEERING BLOG**
WWW.MISHIMOTO.COM/ENGINEERING



PARTS BREAKDOWN

PART NUMBER	DESCRIPTION	QTY
MM2426-01	AIRBOX ASSEMBLY	1
MM2426-02	BRACKET	1
MM2426-03	LID	1
MM2426-04	PEG	2
MM1152-32	M4 FLAT WASHER	5
MM1174-13	LOCK WASHER	7
B4X0.7-10A	M4 X 10MM BUTTON HEAD BOLT	5
S4X0.7-25	M4 X 25MM SOCKET HEAD BOLT	2
MM4517	GROMMET	1
MM2416-01	MANIFOLD	1
MM2416-02	TUBE	1
MM4622-01	COUPLER 1	1
MM4622-02	COUPLER 2	1
HF6X11.0-12A	M6 HEX HEAD FLANGED BOLT	2
MM1325-9	50-70MM WORM GEAR CLAMP	2
MM1325-11	70-90MM WORM GEAR CLAMP	2
MM1638	AIR FILTER AND CLAMP	1
HF6X1.0-25C	M6X25MM HEX HEAD FLANGED BOLT	1

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

REQUIRED TOOLS

- | | |
|--------------------------------------|-----------------------------|
| 1/4"-DRIVE RATCHET
AND EXTENSIONS | POP CLIP REMOVAL TOOL |
| 7MM SOCKET | SPRING CLAMP TOOL OR PLIERS |
| 8MM SOCKET | 2.5MM ALLEN KEY |
| 10MM SOCKET | 3MM ALLEN KEY |

INSTALLATION INSTRUCTIONS

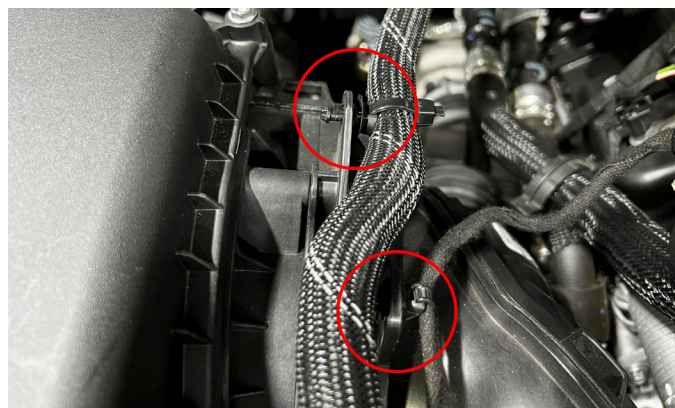
01. Remove 1x pop clip for the intake air ducts, then remove the stock air duct from the airbox.



02. Remove 1x bolt holding the airbox to the fender frame.



03. Release 2x harness tree clips from the airbox.

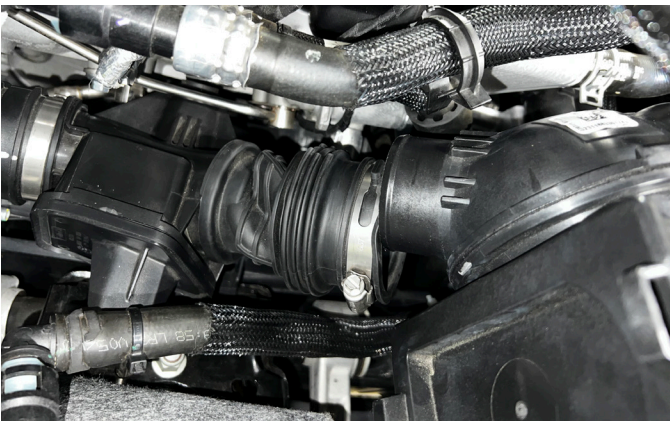
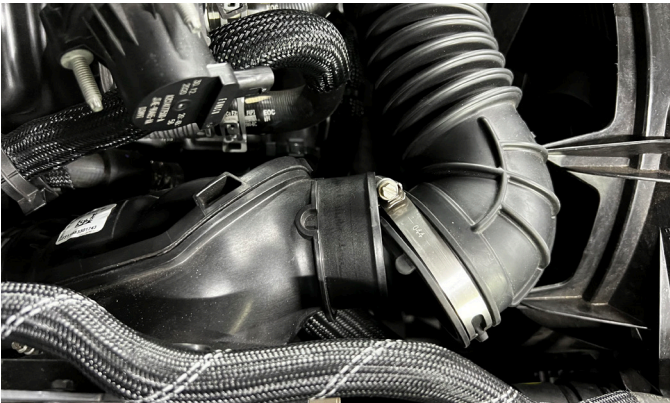


04. Unplug the intake air temp sensor and unclip the harness from the airbox.

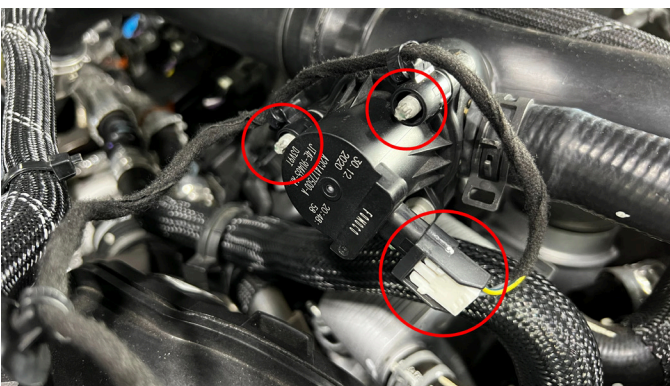


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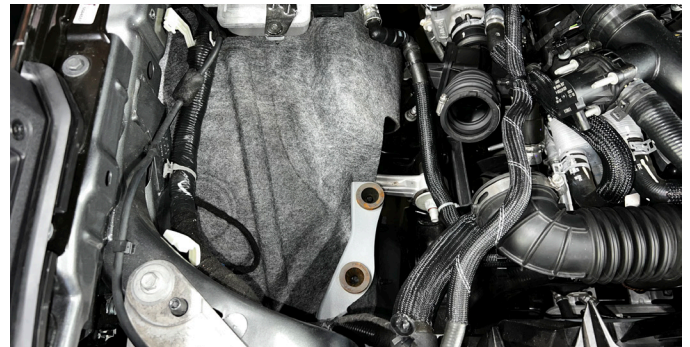
05. Loosen the 2x worm gear clamps securing the intake hoses to the airbox, then pull back on the corrugated section of the hose to disengage them from the airbox.



06. Unplug the surge valve harness and slide the retainers out from the studs. Move this harness out of the way to remove the airbox.



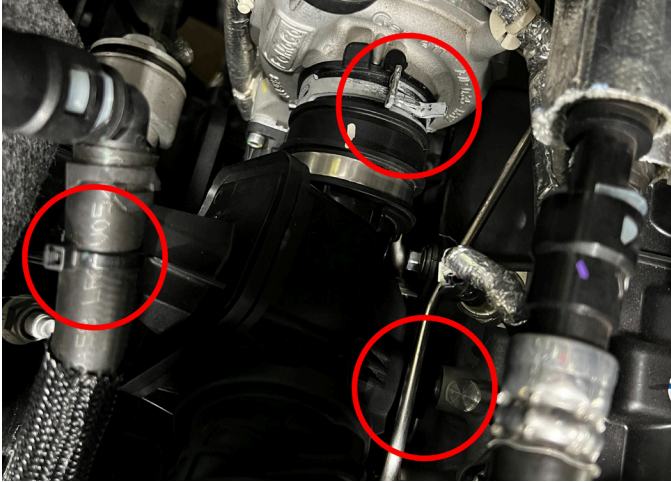
07. Lift the airbox straight up to disengage the rubber grommets at the bottom, and remove the airbox from the engine bay.



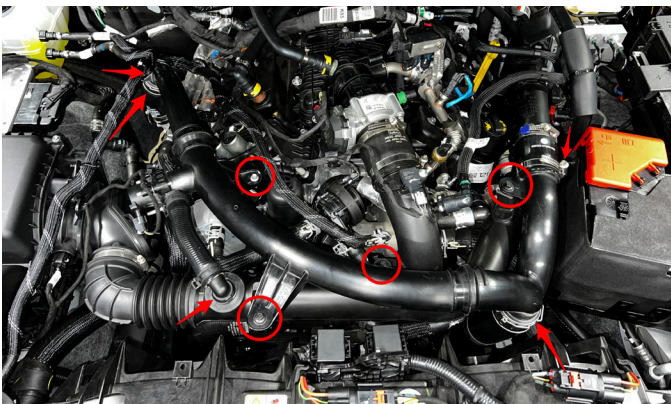
08. Remove the passenger side intake hose. Unclip the coolant hose, then remove the bolt securing the intake hose to the engine block. Use a spring clamp tool or pliers to open the spring clamp, then pull the hose from the turbo inlet. **(Second image on next page)**



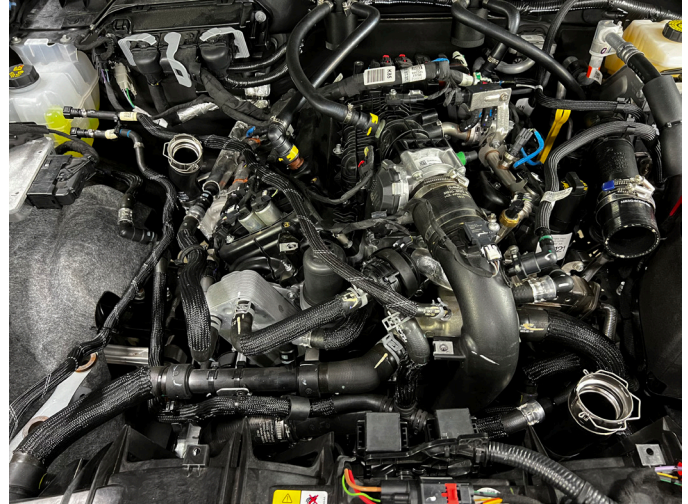
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09. Remove the charge pipe. Release the tree clip holding the coolant hose to the charge pipe. Loosen the worm gear clamp near the battery. Disconnect the surge valve hose from the driver-side intake hose. Remove 4x 8mm bolts, then release the 2x spring clips to remove the charge pipe from the engine bay.



10. Loosen the worm gear clamp, then remove the driver-side intake hose. **(Second image on top right)**



11. Assemble the Mishimoto intake airbox, air filter, and the split tube as shown. Remove the intake air temp sensor and rubber grommet from the stock airbox and transfer them to the Mishimoto intake split tube and airbox bracket. **(Diagram on pg 2)**



12. Install the Mishimoto airbox and split tube assembly to the stock location and push down on the airbox to engage the bottom pegs. Clip the coolant line tree clip to the side of the airbox as shown.

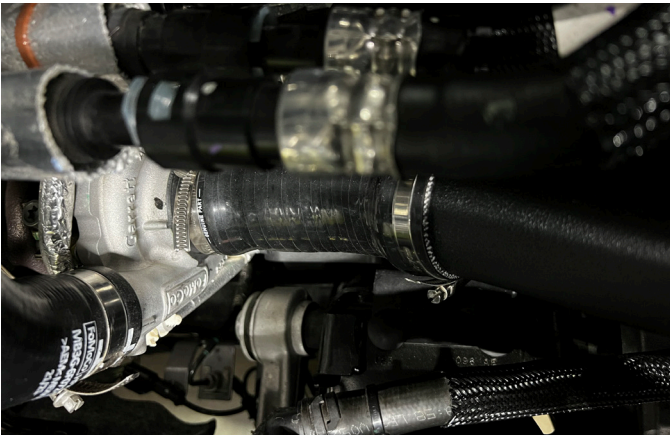


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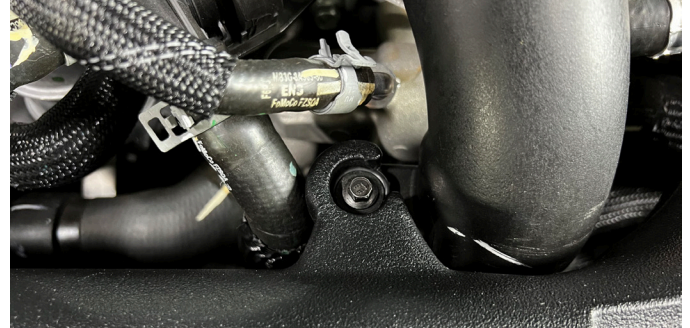
13. Fasten the Mishimoto airbox to the fender frame using the original 8mm bolt.



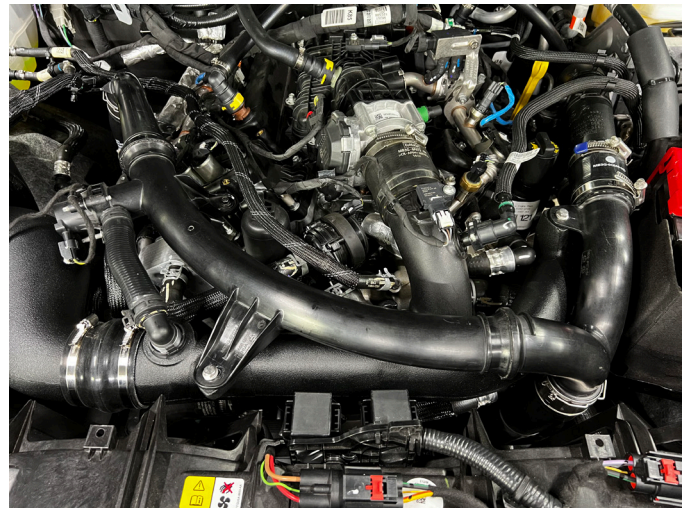
14. Install the passenger side turbo coupler with 2x 50-70mm worm gear clamps. Do not tighten the worm gear clamps yet. Rotate the coupler and the split tube as needed.



15. Install the driver side intake tube and silicone coupler. Use the original bolt for the bracket with pre-installed rubber grommet. Reconnect the surge valve fitting. **(Second image on top right)**



16. Reverse step 9 to reinstall the charge pipe. Use the 3x provided 10mm hex head bolts to fasten the charge pipe to the Mishimoto intake pipe. Use the longer bolt on the grommet.



17. Tighten all 5x worm gear clamps on the Mishimoto intake, don't forget the one on the stock rubber coupler next to the battery.



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18. Reconnect the intake air temp sensor and surge valve harness.
Reverse step 1 to reinstall the stock fresh air duct.



Congratulations! You have completed your installation.

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 Mishimoto 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

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