



INSTALLATION GUIDE

Performance Intercooler Kit, Fits 2022+ Honda Civic 1.5T
SKU: MMINT-CIV-22K

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RESOURCES & CONTACT



CALL 1.877.466.4744

CUSTOMER SERVICE HOURS: MON-FRI 9:00AM-7:00PM EST



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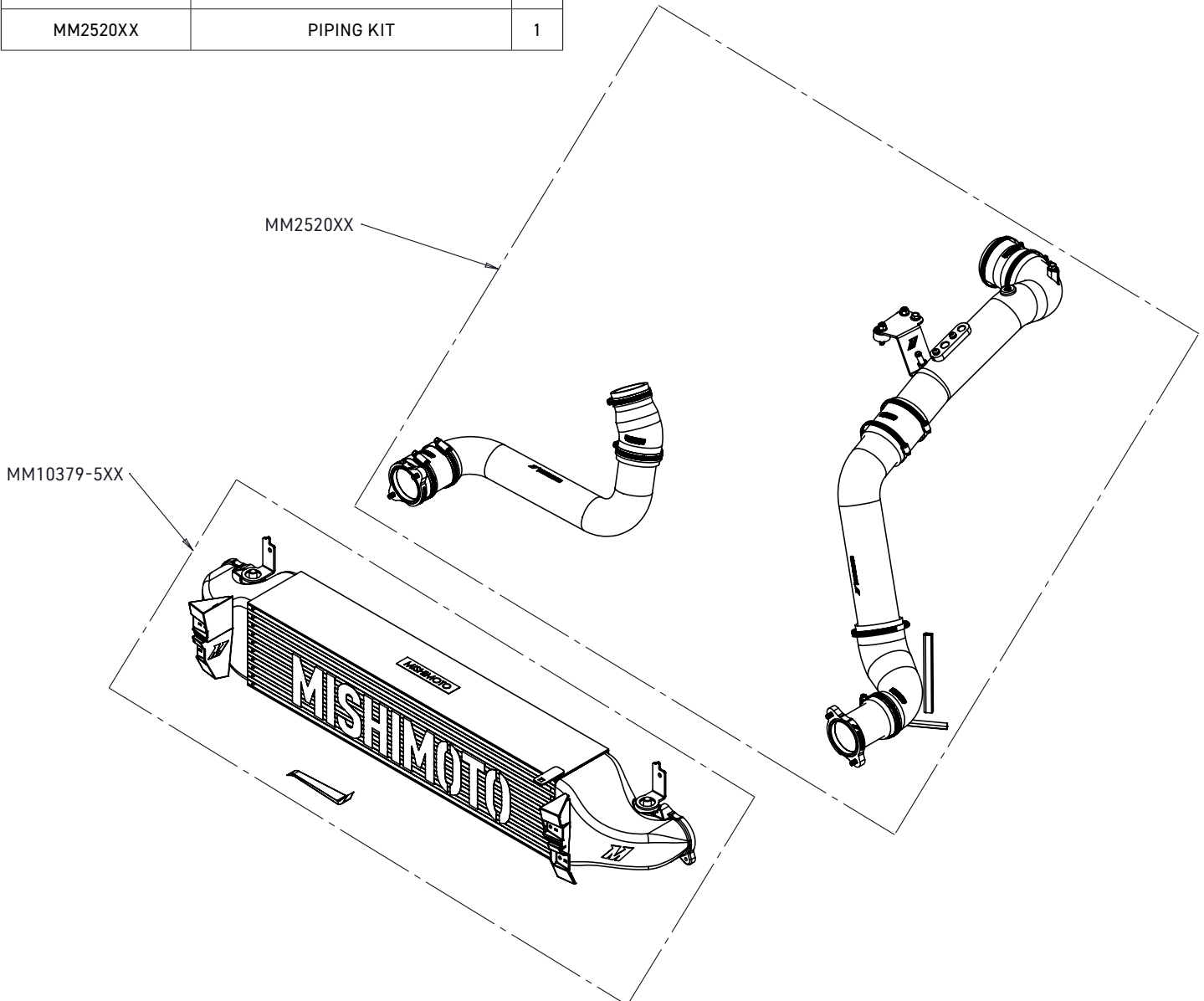


ENGINEERING BLOG

WWW.MISHIMOTO.COM/ENGINEERING

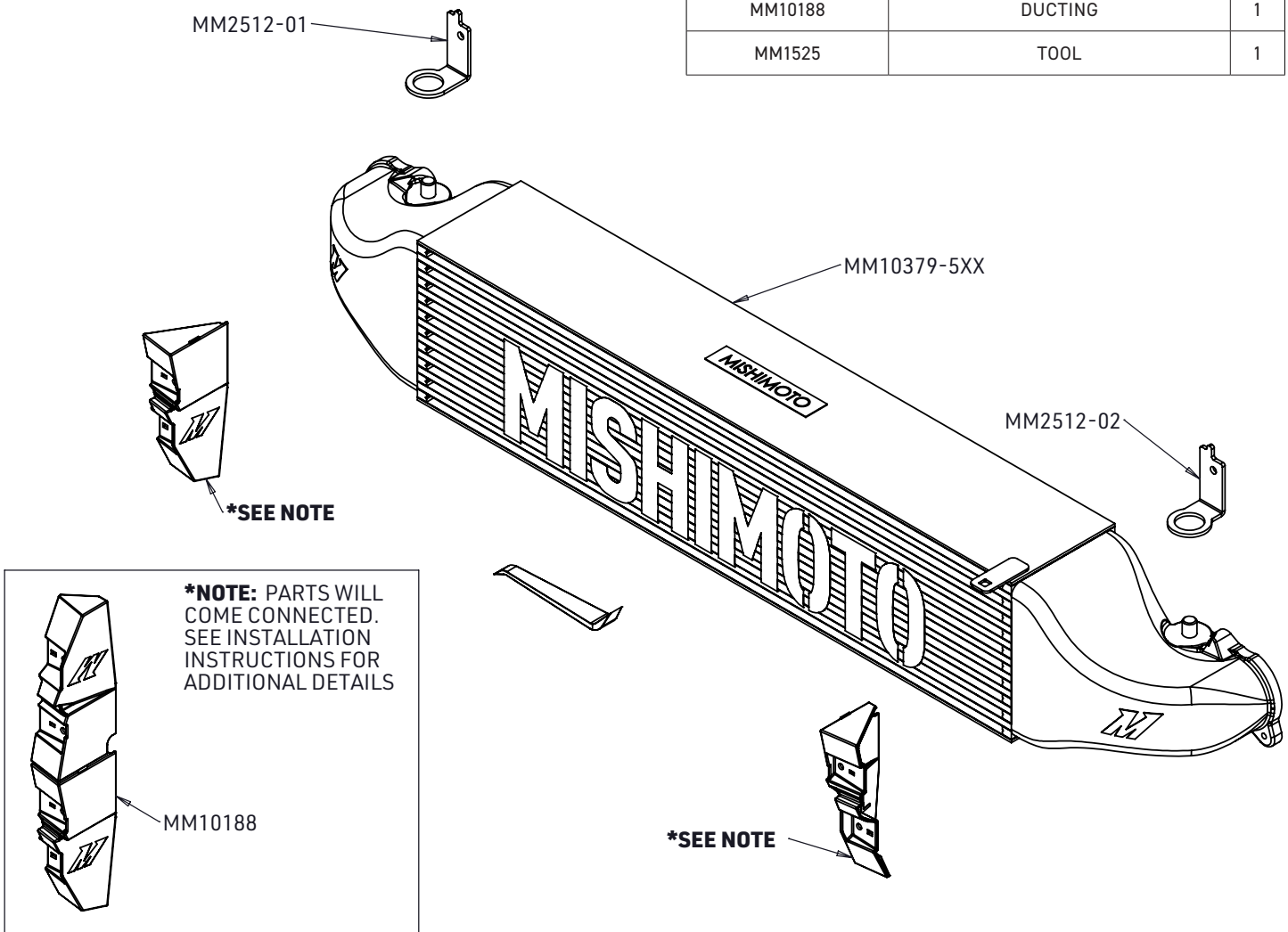
PARTS BREAKDOWN

PART NUMBER	DESCRIPTION	QTY
MM10379-5XX	INTERCOOLER ASSEMBLY	1
MM2520XX	PIPING KIT	1



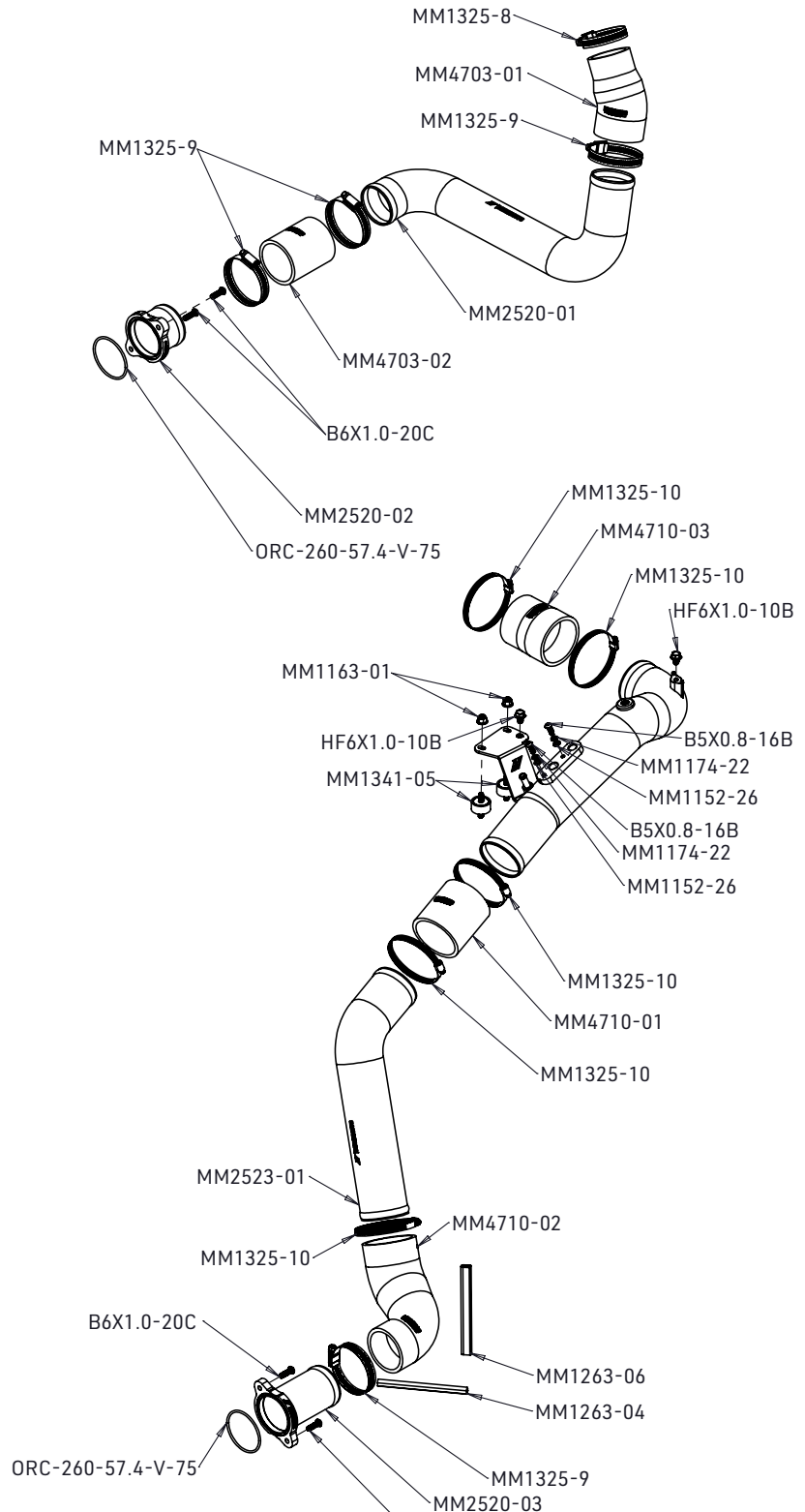
PARTS BREAKDOWN

PART NUMBER	DESCRIPTION	QTY
MM10379-5XX	INTERCOOLER	1
MM2512-01	BRACKET 1	1
MM2512-02	BRACKET 2	1
MM10188	DUCTING	1
MM1525	TOOL	1



PARTS BREAKDOWN

PART NUMBER	DESCRIPTION	QTY
MM2520-01	PIPE 1	1
MM2520-02	PIPE 2 ASSEMBLY	1
MM2520-03	PIPE 3 ASSEMBLY	1
MM2523-01	PIPE 1	1
MM2523-02	PIPE 2 ASSEMBLY	1
ORC-260-57.4-V-75	O-RING	2
MM4703-01	COUPLER 1	1
MM4703-02	COUPLER 2	1
MM4710-01	COUPLER 1	1
MM4710-02	COUPLER 2	1
MM4710-03	COUPLER 3	1
MM1325-8	40-60MM WORM GEAR CLAMP	1
MM1325-9	50-70MM WORM GEAR CLAMP	4
MM1325-10	60-80MM WORM GEAR CLAMP	5
B5X0.8-16B	M5 BUTTON HEAD BOLT	2
B6X1.0-20C	M6 BUTTON HEAD BOLT	4
HF6X1.0-10B	M6 HEX HEAD FLANGED BOLT	2
MM1152-26	M5 WASHER	2
MM1163-01	M6 FLANGED LOCK NUT	2
MM1174-22	M5 LOCK WASHER	2
MM1263-04	WEATHER STRIPPING	1
MM1263-06	WEATHER STRIPPING	1
MM1341-05	RUBBER MOUNT	2



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 1-877-466-4744

SUPPLIED PARTS (MISHIMOTO INTERCOOLER KIT)

- | | |
|---|--|
| (1) MISHIMOTO PERFORMANCE INTERCOOLER KIT | (1) DUCTING |
| (2) MOUNTING BRACKETS | (4) M8 BOLTS |
| (1) INLET ADAPTER WITH O-RINGS | (4) M6 BOLTS |
| (1) OUTLET ADAPTER WITH O-RINGS | (1) TRIM REMOVAL TOOL (FOR BUMPER REMOVAL) |

SUPPLIED PARTS (MISHIMOTO INTERCOOLER PIPING KIT)

- | | |
|---|----------------------------|
| MISHIMOTO HOT SIDE INTER-COOLER PIPING | (2) M5 BUTTON HEAD BOLTS |
| MISHIMOTO COLD SIDE INTER-COOLER PIPING | (2) M5 FLAT WASHERS |
| (5) SILICONE COUPLERS | (2) M5 LOCK WASHERS |
| (2) O-RINGS | (2) M6 LOCKING NUTS |
| (2) M6 HEX HEAD BOLTS | (2) RUBBER ISOLATORS |
| (4) M6 BUTTON HEAD BOLTS | (10) WORM GEAR HOSE CLAMPS |
| | (2) RUBBER WEATHER STRIPS |

REQUIRED TOOLS

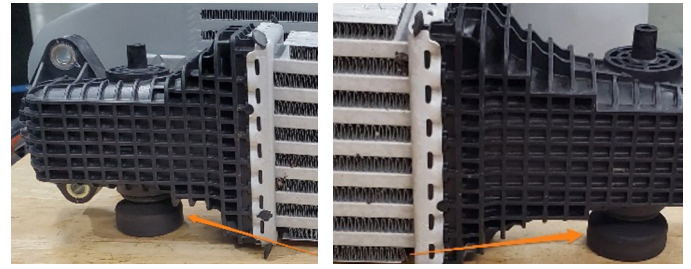
- | | |
|-------------------|------------------------------|
| SOCKET DRIVER | FLAT HEAD SCREWDRIVER |
| SOCKET EXTENSIONS | PHILLIPS HEAD SCREWDRIVER |
| 5.5MM SOCKET | NEEDLE NOSE PLIERS |
| 8MM SOCKET | WIRE CUTTERS OR TIN SNIPS |
| 10MM SOCKET | TORQUE WRENCH |
| 12MM SOCKET | TRIM REMOVAL TOOL (INCLUDED) |
| T30 TORX BIT | |
| T40 TORX BIT | |

INSTALL TIME: 3-4 HOURS

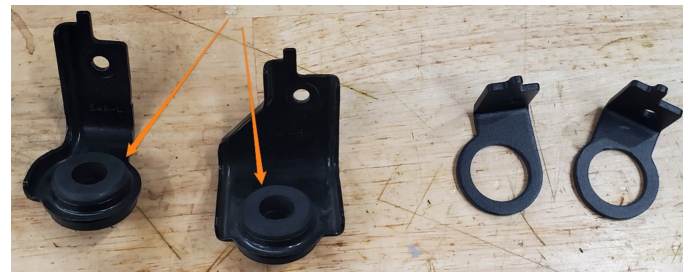
INSTALL DIFFICULTY: 

INSTALLATION INSTRUCTIONS

1. Remove the front bumper.
2. Remove the stock intercooler.
3. Transfer the lower mounting grommets from the stock intercooler to the lower pegs on the Mishimoto intercooler.

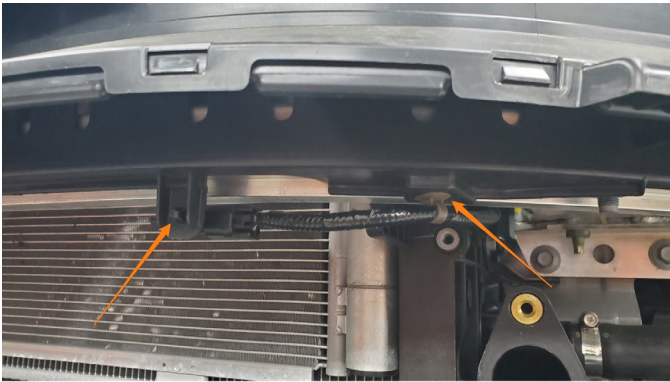


4. Transfer the grommets from the stock upper mounting brackets onto the Mishimoto mounting brackets.

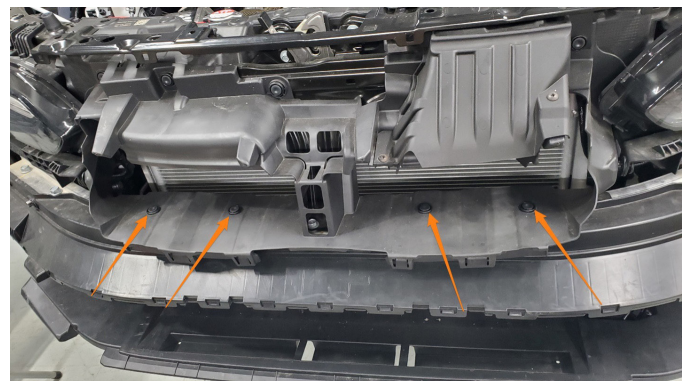
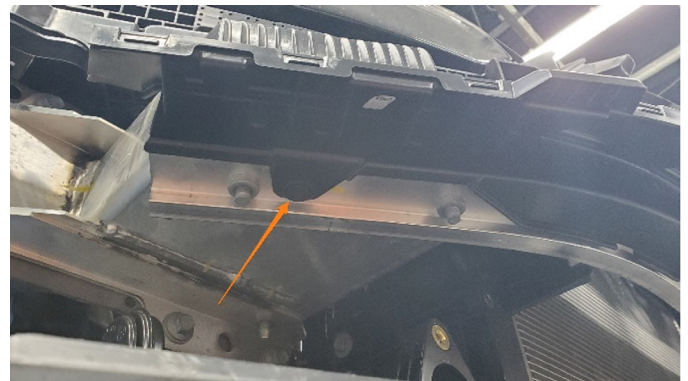
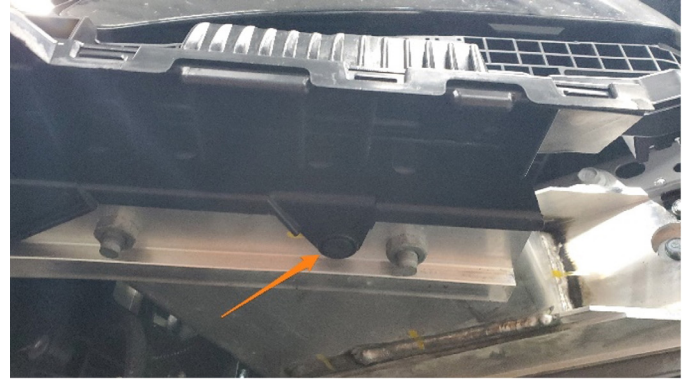
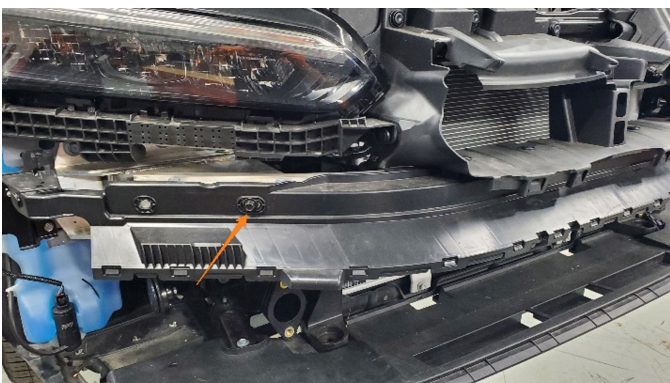
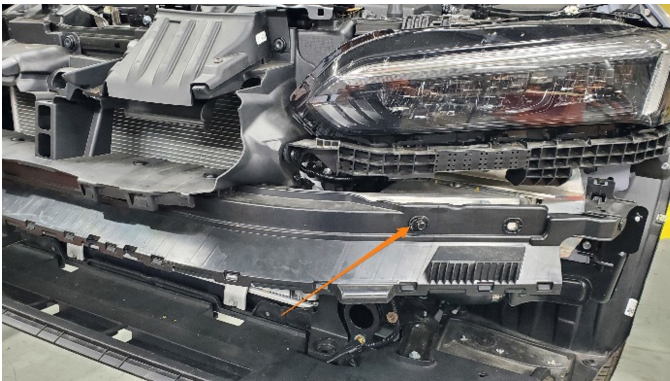


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5. Using needle nose pliers, compress the plastic clip and remove the ambient air temperature sensor from the plastic crash bar cover. Then, remove the clip securing the wire harness to the plastic cover.

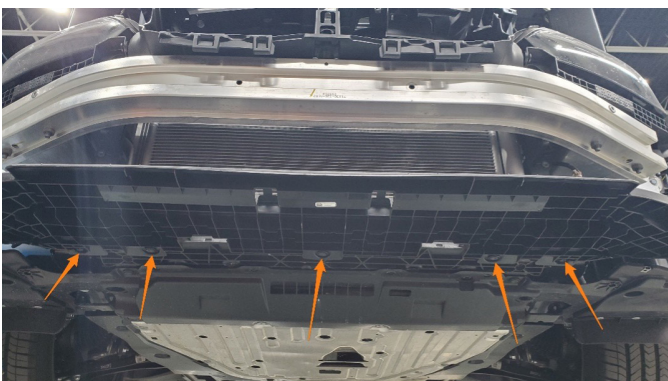


6. Using a 10mm socket, remove the two (2) bolts securing the plastic cover to the crash bar. Then, using a flathead screwdriver, remove the two (2) pop clips on the bottom of the cover and the four (4) pop clips on the top and remove the plastic cover from the vehicle.

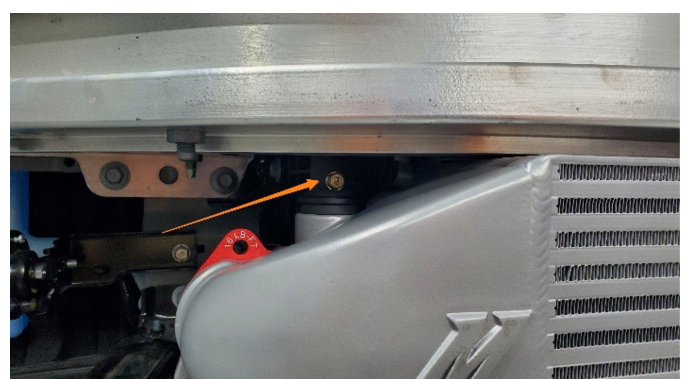
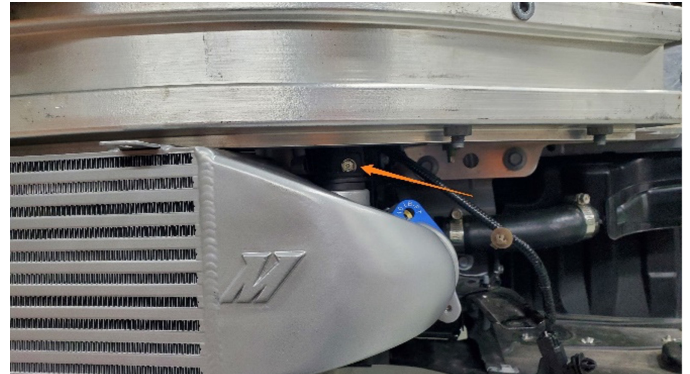


7. Using a 10mm socket, remove the two (2) bolts on the top of the plastic tray below the intercooler and the two (2) bolts on the bottom of the plastic tray. Then, using a flathead screwdriver, remove the three (3) pop clips on the bottom of the tray and remove the tray from the vehicle. (Images on next page)

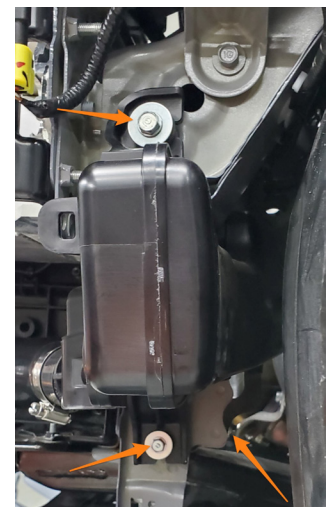
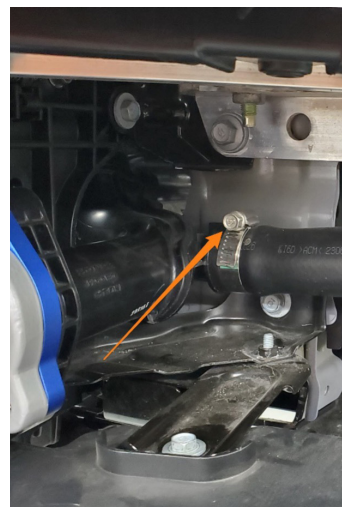
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8. Place the Mishimoto intercooler into the lower intercooler mounts on the vehicle and install the Mishimoto mounting brackets. The brackets are labeled L for left and R for right, as seen when sitting in the vehicle. Using a 10mm socket, secure the brackets with the stock bolts. Ignore the blue and red adapters shown below, these parts will not be used when installing the Mishimoto intercooler with Mishimoto piping. (Images on top right)

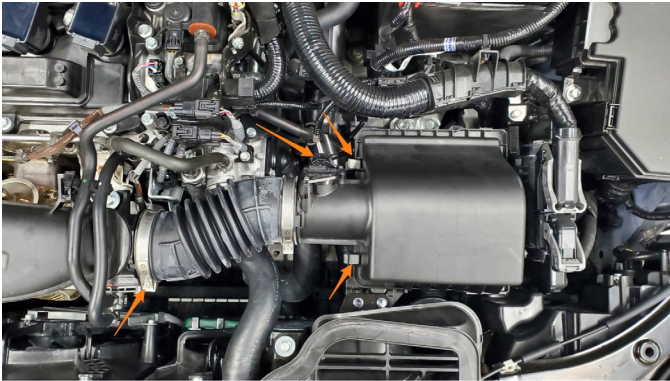


9. Using a 10mm socket or Phillips head screwdriver, loosen the hose clamp connecting the stock resonator coupler to the stock cold side pipe. Then, using a 10mm socket, remove the three (3) bolts securing the resonator to the vehicle and remove the resonator and coupler. Ignore the blue adapter shown below, this part will not be used when installing the Mishimoto intercooler with Mishimoto piping.

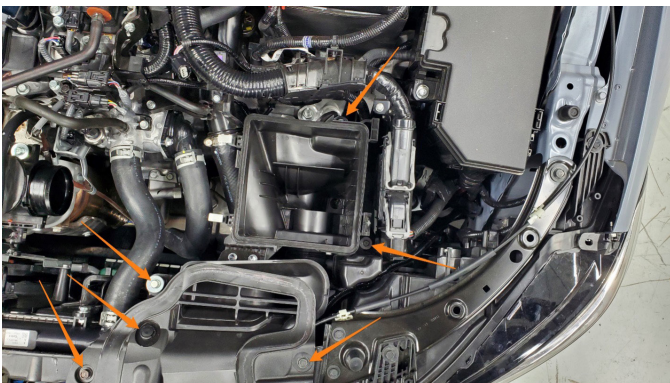


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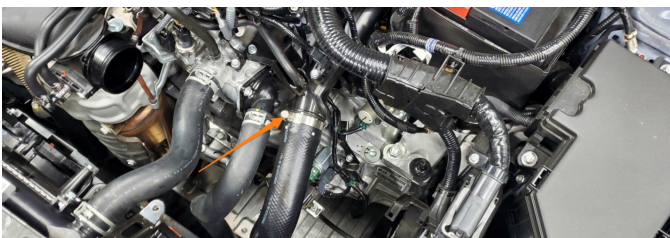
10. Using a 5.5mm socket or Phillips head screwdriver, loosen the clamp securing the intake tube to the manifold. Then unplug the connector from the MAF sensor and unclip the two (2) clips holding the airbox lid to the airbox. Remove the lid and filter from the vehicle.



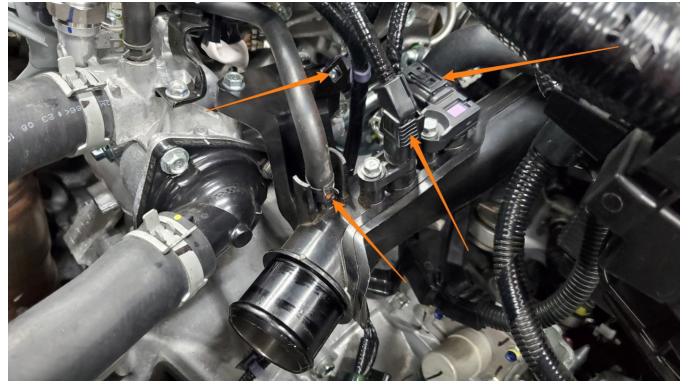
11. Using a flathead screwdriver, remove the pop clip on the air duct. Then using a 10mm socket, remove the four (4) bolts securing the air duct and air box to the vehicle. Lift the air box straight up to remove the grommet from the post on the vehicle and remove the air box from the vehicle.



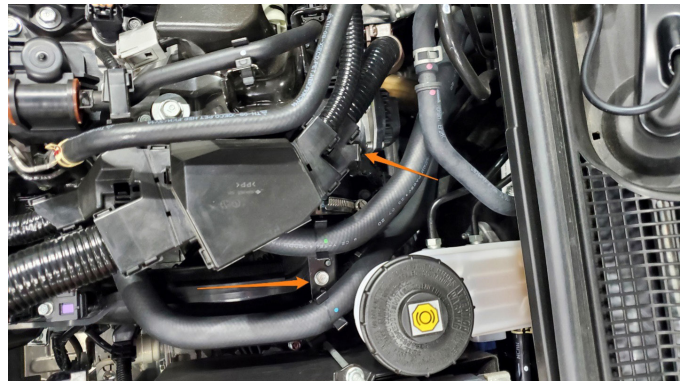
12. Using a 10mm socket or Phillips head screwdriver, loosen the clamp securing the cold side coupler to the upper cold side pipe. Remove the coupler and lower cold side pipe from the vehicle.



13. Unplug the connectors on both sensors on the upper cold side pipe. Then, using needle nose pliers, release the plastic clip holding the wiring harness to the bracket on the cold side pipe. Next, remove the vacuum hose from the port on the cold side pipe.



14. Using a 10mm socket, remove the bolt securing the hose bracket to the cold side pipe. Then using a 8mm socket or a flathead screwdriver, loosen the clamp securing the coupler to the throttle body.



15. Using a 10mm socket, remove the two (2) bolts securing the cold side pipe to the engine and remove the pipe from the vehicle.



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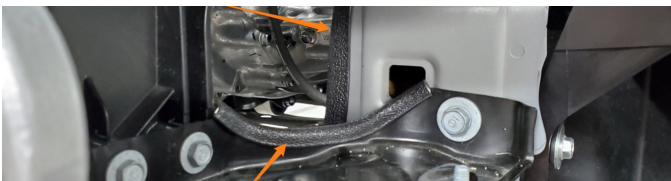
16. Using a 10mm socket remove the two (2) upper bolts securing the passenger side fan shroud to the radiator. There are an additional two (2) bolts (not shown below) on the lower side of the fan shroud that need to be loosened but not fully removed. Then, unplug the connector connecting the two fan shrouds. Next remove the overflow hose from the port on the radiator, Lift the passenger side fan shroud straight up and remove it from the vehicle.



17. Using a 10mm socket or Phillips head screwdriver, loosen the clamp securing the hot side coupler to the turbo outlet. Remove the hot side pipe and coupler from the vehicle. Note: the passenger side fan shroud is shown in the photo below but it should be removed at this point.



18. Install the two (2) provided rubber weather strips, as shown in the photo below. The larger strip will go on the vertical edge. These will protect the coupler from contacting the metal edges.



19. Install one of the provided o-rings into the o-ring groove on each of the two pipes with a flange. A light coating of silicone grease can be applied to the o-rings to hold them in place in the grooves during installation.



20. Install the longer of the pipes with the flange onto the outlet (cold side) of the Mishimoto intercooler. Using a T30 Torx bit, secure it with two (2) of the provided M6 button head bolts. Torque the bolts to 7.5 lb-ft (10 N-m, 88.5 lb-in).



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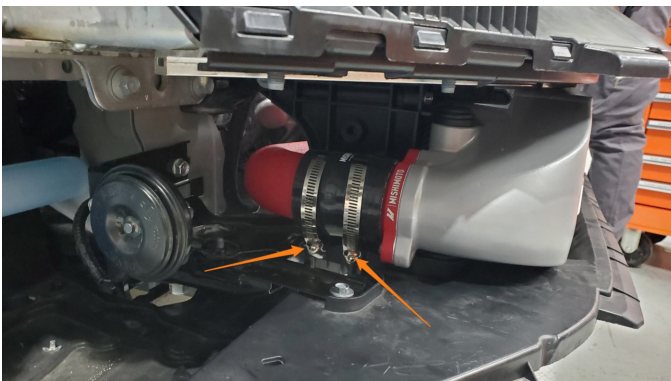
21. Install the shorter of the pipes with the flange onto the inlet (hot side) of the Mishimoto intercooler. Using a T30 Torx bit, secure it with the remaining two (2) of the provided M6 button head bolts. Torque the bolts to 7.5 lb-ft (10 N-m, 88.5 lb-in).



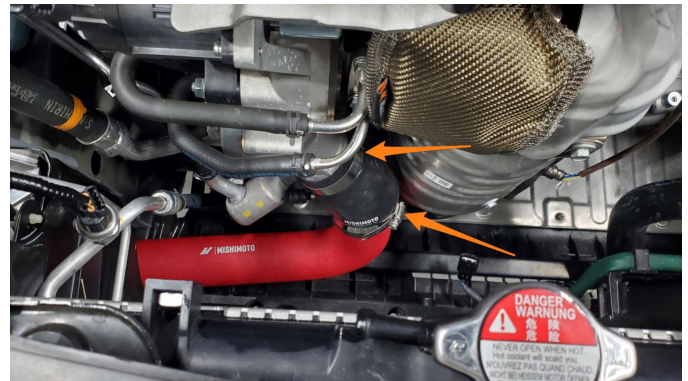
22. Install the provided straight coupler with the smaller diameter onto the end of the Mishimoto hot side pipe as shown below.



23. Install the Mishimoto hot side pipe onto the vehicle and connect the other end of the straight coupler and two (2) of the provided larger worm gear clamps to the pipe on the intercooler inlet. Leave the clamps loose for now.



24. Install the end of the coupler labeled "Turbo Out" and the provided smaller worm gear clamp onto the turbo outlet. Connect the other end of this coupler to the end of the Mishimoto hot side pipe with one (1) of the provided larger worm gear clamps. Leave these clamps loose for now.



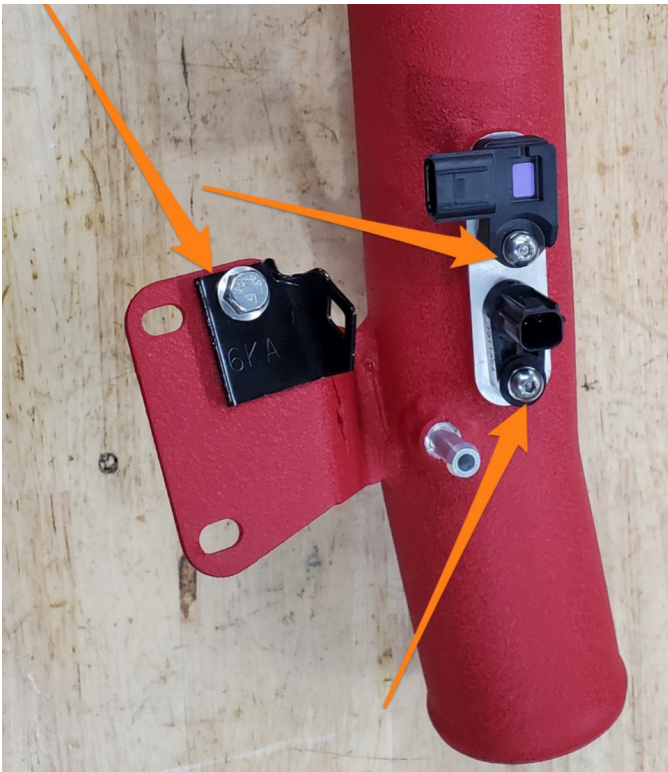
25. While the clamps are loose, adjust the orientation of the couplers and pipe to ensure it is in a position where it is not rubbing or contacting any other components, including the fan shroud. Once the location of the pipe is confirmed, tighten the four (4) clamps.

26. Reinstall the passenger side fan shroud onto the two lower bolts on the radiator (not shown below. Reinstall the two bolts in the upper fan shroud mounts that were removed in Step 11. Tighten these four (4) bolts using a 10mm socket. Then, reconnect the fan shroud plug and radiator overflow hose.



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27. Using an 8mm socket, remove the bolt securing each of the two (2) sensors to the stock upper cold side pipe and transfer the sensors onto the Mishimoto upper cold side pipe. Using a 4mm Allen wrench, secure each sensor to the Mishimoto pipe with one (1) of the provided M5 button head bolts, M5 lock washers, and M5 flat washers. Next, using a 10mm socket, remove the bolt securing the bracket to the stock upper cold side pipe and transfer it to the Mishimoto upper cold side pipe. Using a 10mm socket, secure it with one (1) of the provided M6 hex head bolts.



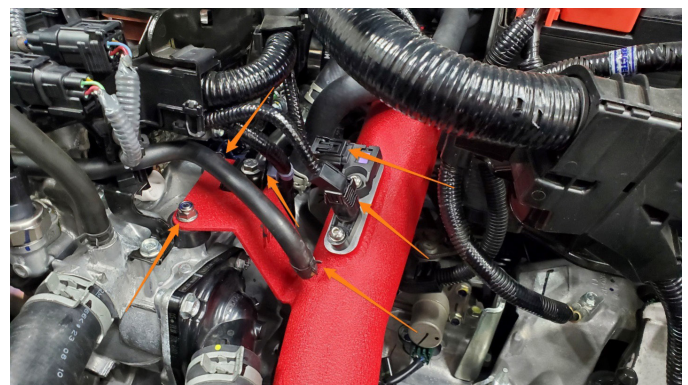
28. Install the two (2) provided rubber isolators onto the engine in the holes the stock upper cold side pipe bolted to.



29. Install the end of the coupler labeled "Throttle Body" onto the throttle body and secure it with one of the provided larger worm gear clamps.



30. Install the Mishimoto upper cold side pipe onto the vehicle, placing the end of the pipe and one of the provided larger worm gear clamps into the coupler that was just installed on the throttle body. Place the slots in the bracket on the Mishimoto pipe onto the studs of the rubber isolators and, using a 10mm socket, secure it with the two (2) provided M6 lock nuts. Then, reconnect the wire harness clip into the bracket, the vacuum hose to the port on the Mishimoto pipe, and the two (2) sensor plugs.



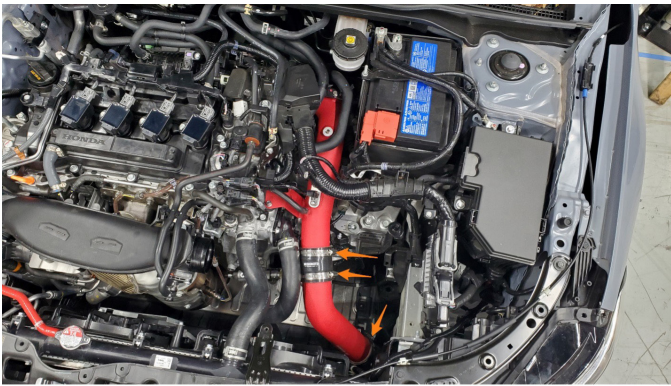
31. Using the remaining provided M6 hex head bolt, secure the hose bracket to the upper Mishimoto cold side pipe and tighten the hose clamp securing the coupler to the pipe.



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32. Install the end of the coupler labeled "Intercooler Out" and one of the provided larger worm gear clamps onto the pipe on the outlet of the intercooler. Leave the clamp loose for now.

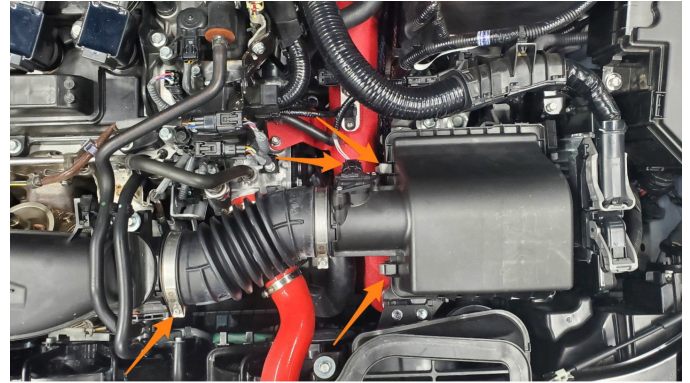
33. Install the remaining pipe and straight coupler and three (3) remaining worm gear clamps into the coupler that was just installed and onto the Mishimoto upper cold side pipe as shown below. Adjust the orientation of the pipes and couplers, if needed, to ensure they are not rubbing or contacting any other components. Once the pipes are in place, tighten all the clamps.



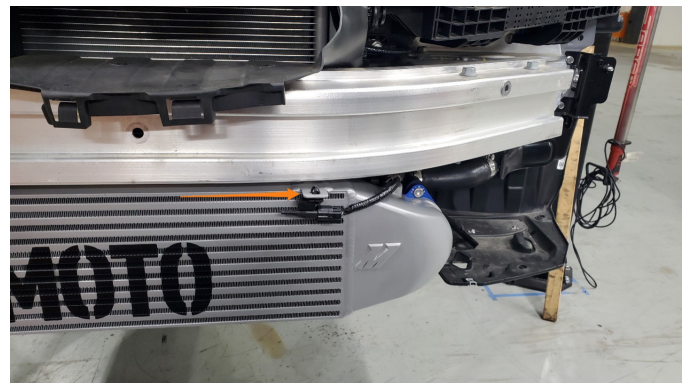
34. Reinstall the air box onto the mounting peg. Then, reinstall the pop clip into the air duct that was removed in Step 6. Next, reinstall the four (4) bolts that were removed in Step 6 to secure the air box and duct to the vehicle.



35. Reinstall the air filter and airbox lid. Secure the lid with the two clips, and using a 5.5mm socket, secure the intake tube clamp to the manifold. Then, reconnect the plug to the MAF sensor. (Image on right)



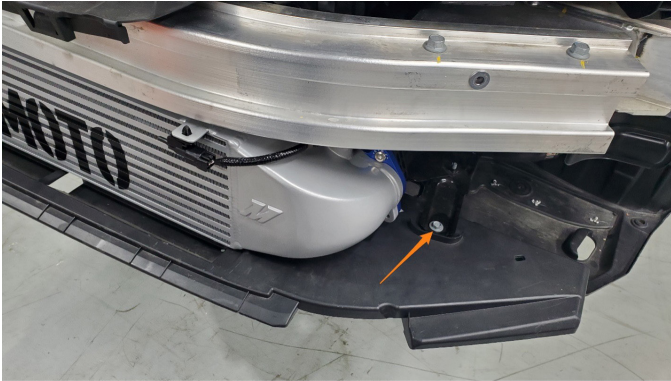
36. Attach the ambient air temperature sensor to the tab on the Mishimoto intercooler. Ignore the blue adapter shown below, this part will not be used when installing the Mishimoto intercooler with Mishimoto piping.



37. Using a 10mm socket and the stock hardware, reinstall the plastic tray that was removed in Step 8. Ignore the red and blue adapters shown below, these parts will not be used when installing the Mishimoto intercooler with Mishimoto piping. (More images on next page)



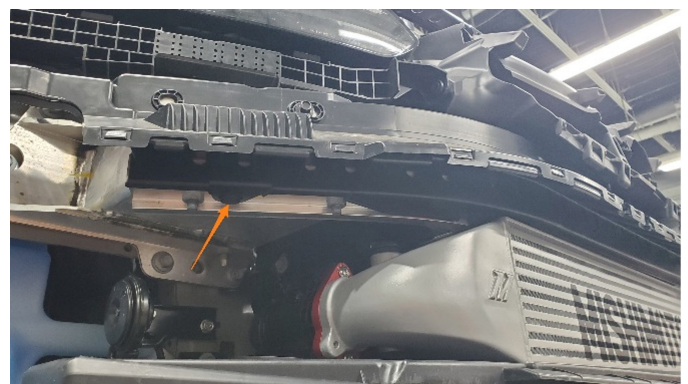
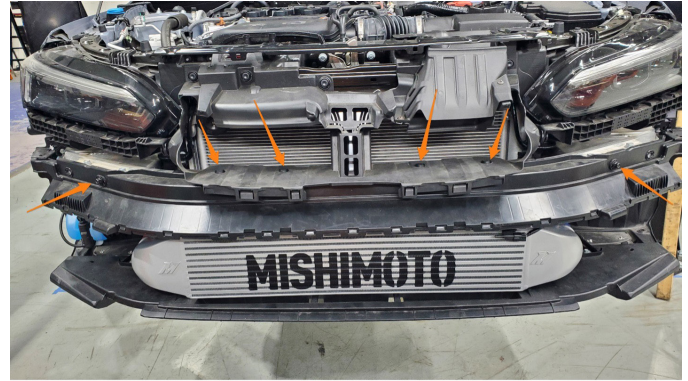
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38. The tab on the plastic cover, which was removed in Step 7, needs to be trimmed. Cut the tab off of the cover where shown in the photo below.



39. Reinstall the plastic cover onto the crash bar using the stock hardware that was removed in Step 7. Ignore the red and blue adapters shown below, these parts will not be used when installing the Mishimoto intercooler with Mishimoto piping.

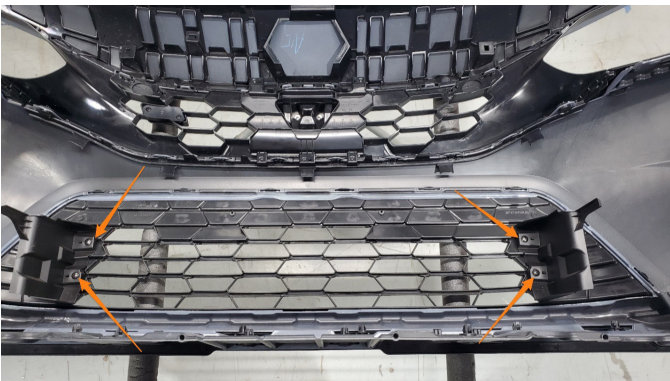


40. The two (2) pieces of Mishimoto intercooler ducting will come connected by a small tab. Cut this tab to separate the ducting into two parts. (Images on next page)

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41. Using a Phillips head screwdriver, remove the four (4) screws securing the stock ducting to the bumper and remove the stock ducting.



42. Install the Mishimoto ducting onto the bumper using the four (4) stock screws that were just removed. The Mishimoto ducting is labeled L for left and R for right, as seen when sitting in the vehicle.



43. Reinstall the bumper. The installation is now complete.



Congratulations! You have completed the 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** 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