

GRReddy **INTERCOOLER KIT**

Mitsubishi Evolution X CZ4A (4B11 MIVEC) **TYPE 33F**

Instruction Manual

- Please read this entire manual before installation.
- Keep this manual for future reference.

Model	Chassis Code	Engine Code	Year
EVO X	CBA—CZ4A	4B11 MIVEC	07. 10~

- Spec** : Compatible with OEM or GReddy Piping.
 Compatible with the GReddy Oil Cooler.
 Compatible with the GReddy SST Oil Cooler
 Modifications to the Hood Catch Support & Air Duct are required.



Do not use on any vehicle other than what is described above

1. Parts List

1. Intercooler	(TYPE33 F)							1
2. Silicone Hose	$\phi 60 - \phi 70$	Reducer						2
3. Hose Clamp	$\phi 60$	#36						2
4. "	$\phi 70$	#44						2
5. Intercooler Bracket RH								1
6. "	LH							1
7. Sponge Tape	t=10 600mm							1
8. M6 x 20mm	P=1.0	B	S/W	-	-			4
9. M6	P=1.0	-	-	F/W	N			2
10. M8 x 15mm	P=1.25	B	S/W	-	-			2

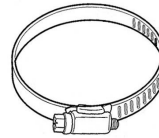
Parts List Diagram



1



2



3, 4



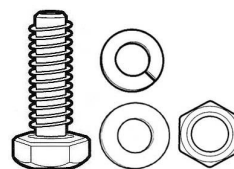
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8~10

2. Removal of Stock Parts

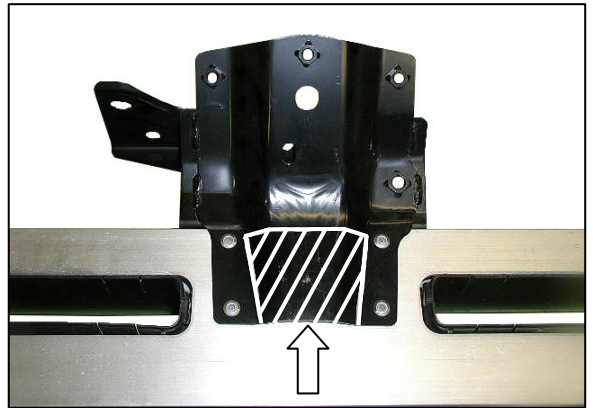
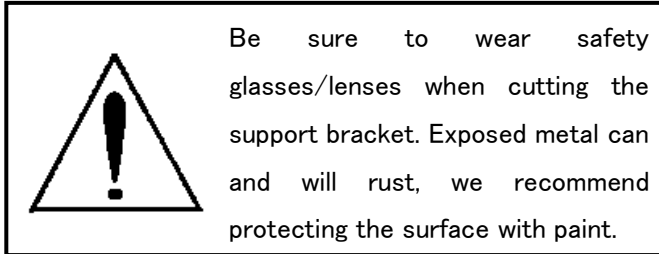
Refer to the factory service manual for removal of stock parts.

- 2-1** Disconnect the negative terminal of the battery.
- 2-2** Remove the front under cover and front bumper.
- 2-3** Remove the intercooler inlet & outlet pipes
- 2-4** Remove the intercooler assembly.
※The OEM intercooler hanger bracket will be reused.。
- 2-5** Remove the harness clips then uninstall the front bumper reinforcement.

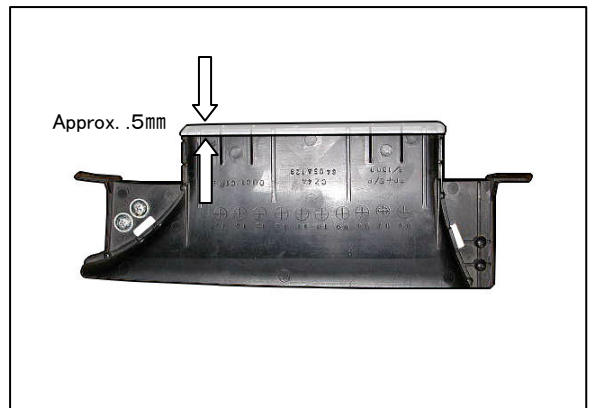
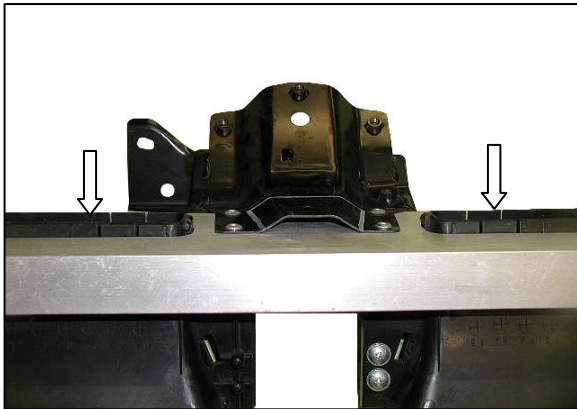
3. Kit Installation

3-1 Modification of OEM Parts

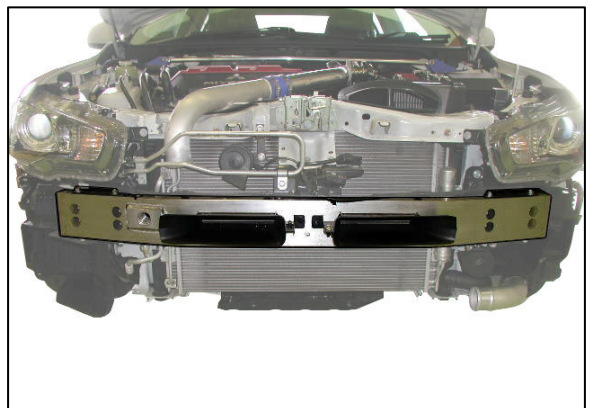
- (1) Cut the outlined portion of the hood catch support bracket to clear the Intercooler.



- (2) Trim the Air Ducts approximately 5mm to keep from interfering with the intercooler.

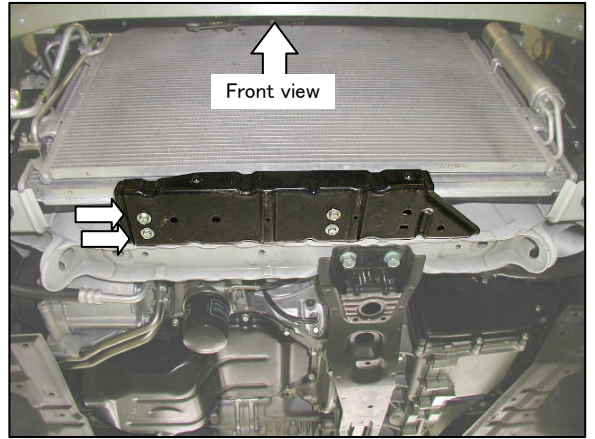


- (3) Reinstall the front bumper reinforcement in its original location.



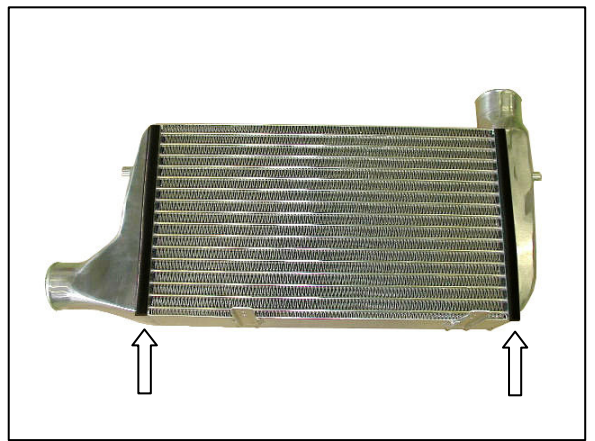
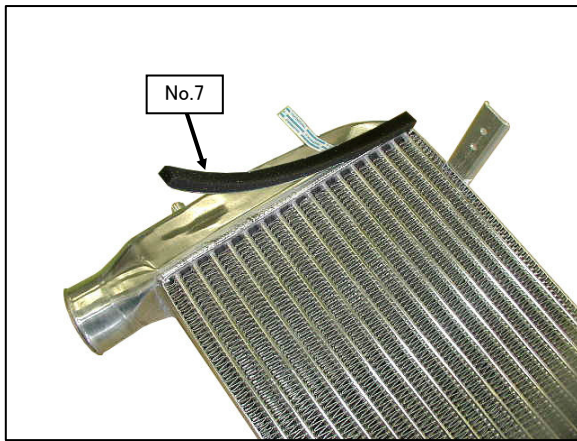
3-2 Intercooler Installation

- (1) Remove the two bolts from the front end cross member.

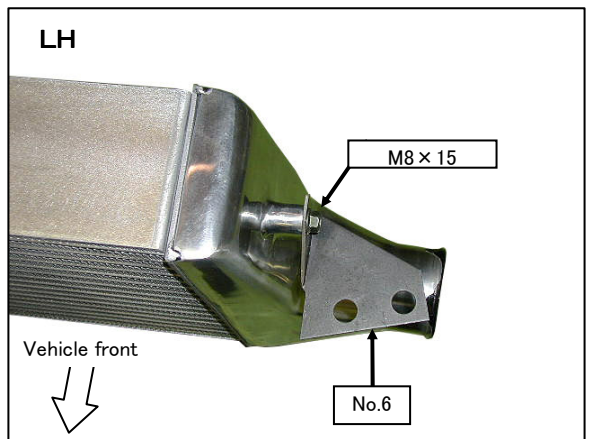
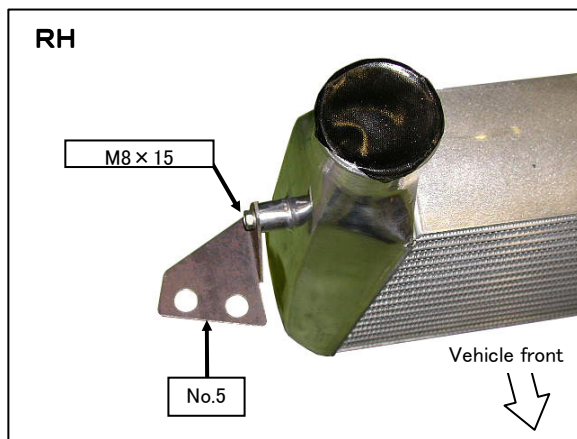


- (2) Affix the supplied sponge tape to the welds of intercooler/ end tanks.

※ Be sure to clean the intercooler surface of any debris or oils for a proper bond with the sponge tape.



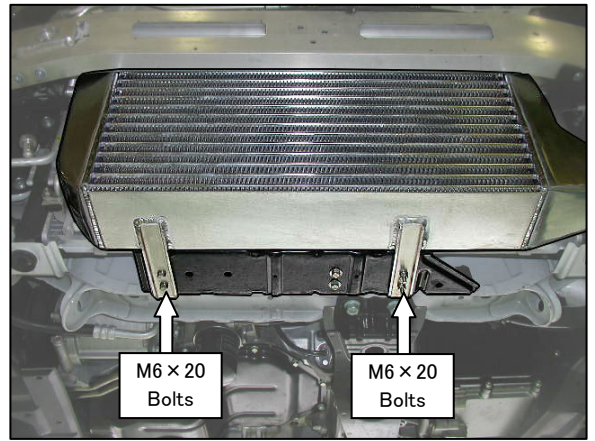
- (3) Install the brackets as show below using the M8 x 15mm bolts & washers.



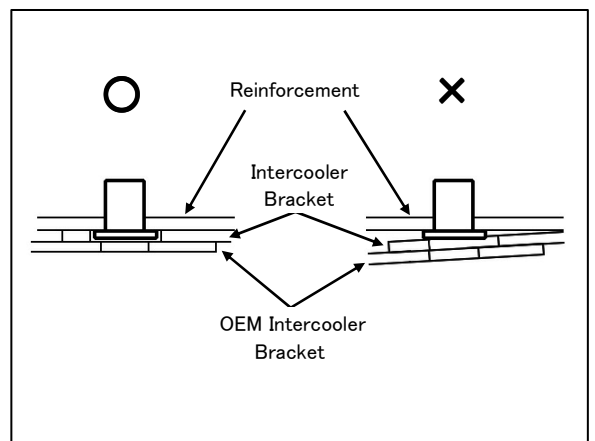
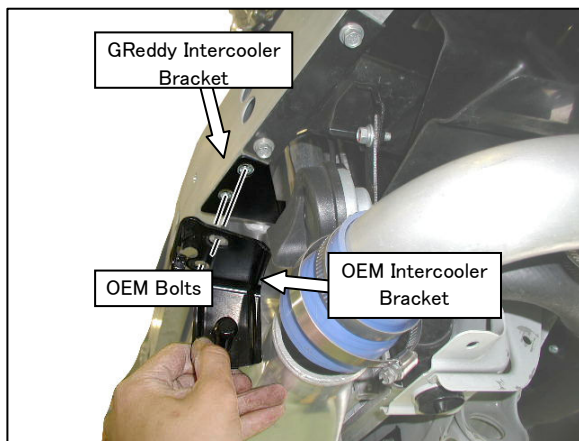
(4) Mount the intercooler to the cross member via welded brackets.

※ Use the supplied M6 x 20mm bolts. The driver side will also use the M6 x 20mm bolts, utilizing the service holes.

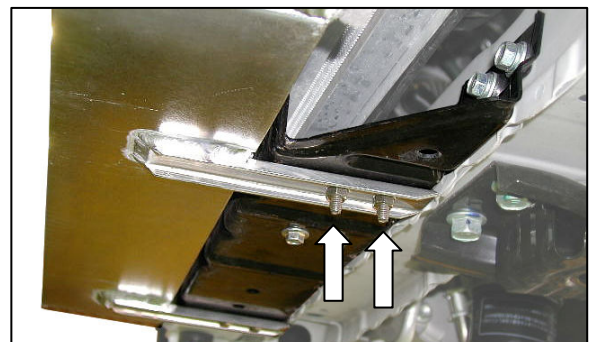
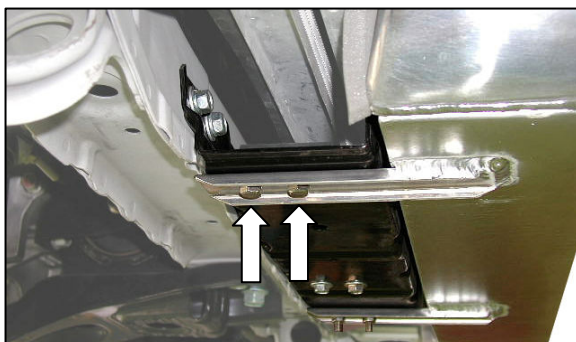
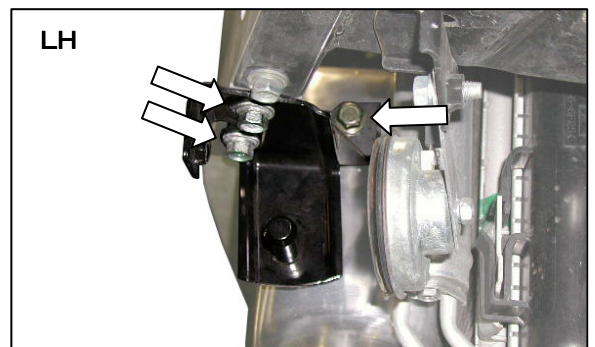
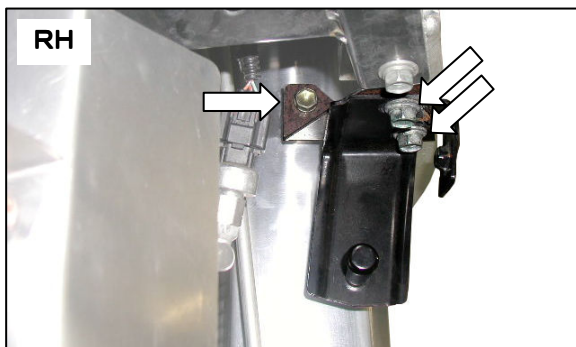
※ If the horn interferes with the placement of the intercooler, loosen the horn bolt and situate the horn away from the intercooler.



※ Using the OEM bolts, install the new intercooler brackets in between the bumper reinforcement & OEM intercooler bracket as shown in the picture & diagram below.

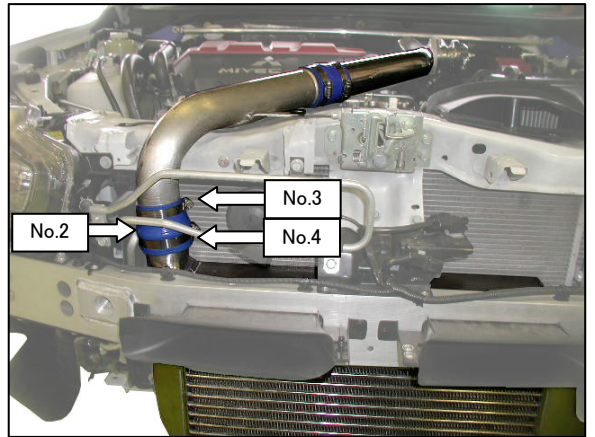


(5) Once you have adjusted the position of the new intercooler, tighten the bolts securely.

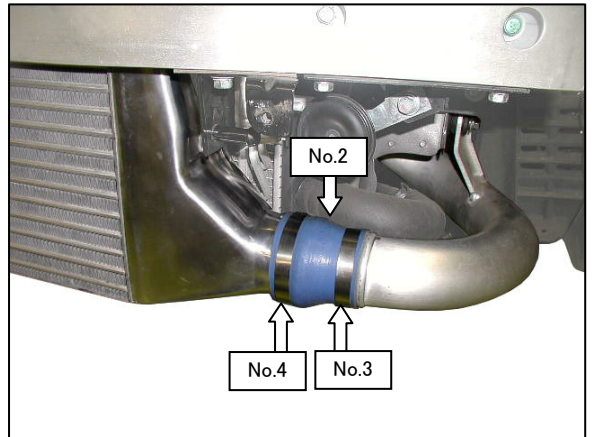


3—3 Intercooler Piping Installation

- (1) Attach the OEM piping to the Intercooler Inlet side, using part #'s 2, 3, & 4 as shown in the picture to the right.



- (2) Attach the Intercooler Outlet side to the OEM piping using part #'s 2, 3, & 4 as shown in the picture to the right.

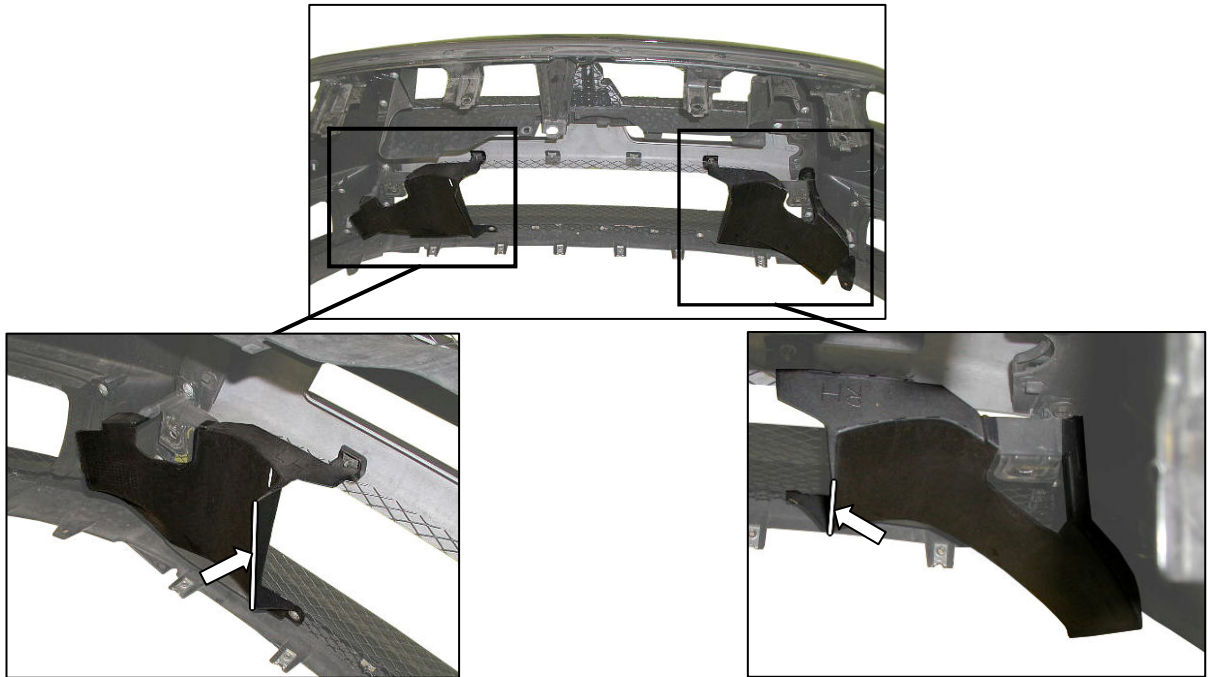


3—4 Starting of the Engine

- (1) Attach the negative cable to the negative terminal of the battery.
- (2) Inspect the newly installed intercooler for air leaks or strange noises.

3—5 Front Bumper Installation

- (1) You will need to trim the both sides of the interior air dams approximately 5mm. (trim the area marked in white/ directed with arrows).



- (2) Make sure you have trimmed enough material so that there is no interference with the new Intercooler, then install the front bumper
- (3) Install the front under cover.

This Concludes the Installation of the Intercooler Kit.