

GReddy Intercooler Kit

02-07 MITSUBISHI LANCER EVOLUTION VIII, IX
Front mount Type 32

02-07 MITSUBISHI LANCER EVOLUTION VIII, IX
Front mount Type 32

Installation Manual

Please read the entire manual before installing this kit.

Application:

Make	Model	Chassis	Year
MITSUBISHI	LANCER EVOLUTION VIII, IX	CT9A	2002-2007

- This **GReddy Intercooler Kit** is designed for the **GReddy TD06 & T67 TURBO Kit** installed.
- **BATTERY REPLACEMENT IS NECESSARY TO INSTALL. USE BATT SIZE 51R OR SMALLER.**
- Premium grade gasoline (91 octane or higher) is required with this Kit.

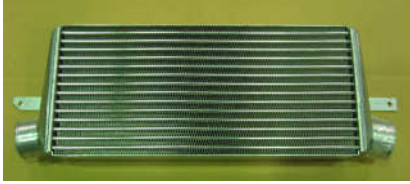
Important

1. This installation should only be performed by a trained specialist who is very familiar with the automobile's mechanical, and electrical system.
2. If installed by an untrained person, it may cause damage to the kit as well as the vehicle.
3. GReddy Performance Products Inc. is not responsible for any damage to the vehicle's electrical system caused by improper installation.
4. Call your GReddy Authorized dealer or GReddy Performance Products if there are any problems or questions regarding this product.

1 . Parts List

1 . Intercooler	(TYPE 3 2)								1
2 . Intercooler Pipe	I - 1	(70 φ Aluminum)							1
3 . "	I - 2	(80 φ Aluminum)							1
4 . "	I - 3	(80 φ Aluminum)							1
5 . "	I - 4	(80 φ Aluminum elbow	IN X 0 1 0 6 7)						1
6 . Silicon Hose	80 φ × 80 mm	Straight							3
7 . "	60 φ - 70 φ	Reducer							1
8 . "	70 φ - 80 φ	Reducer							2
9 . Hose Band	10 φ	Tridon # 5							3
10 . "	70 φ	Tridon # 4 4							3
11 . "	80 φ	Tridon # 4 8							8
12 . Steel Bracket									1
13 . P/S Cooler									1
14 . P/S Cooler bracket									1
15 . P/S Cooler clamp									2
16 . 10 φ Aluminum tube									1
17 . Aluminum spacer	t = 20								2
18 . Rubber hose	9 φ	2100 mm							1
19 . Zip Tie	150 mm								5
20 . 6 mm × 15 mm	P = 1.0	Stainless	B	S/W	F/W	N			3
21 . 8 mm × 15 mm	P = 1.25	Stainless	B	S/W	F/W				3
22 . 8 mm × 20 mm	P = 1.25	Stainless	B	S/W	F/W	N			1
23 . 8 mm × 30 mm	P = 1.25	Stainless	B	S/W	F/W	N			2

— Parts List —



1



2



3



4



5



6



7・8



9・10・11



12



13



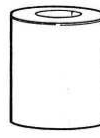
14



15



16



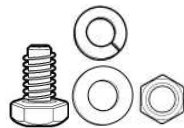
17



18



19

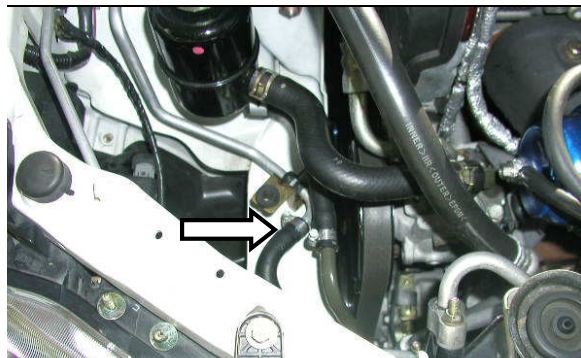


20~23

2. Removing Factory Parts

Please follow the factory repair manual procedures when removing the parts.

- 2 – 1 Please remove the negative (-) terminal from the battery.
- 2 – 2 Remove the engine undercover panels.
- 2 – 3 Remove the front bumper cover.
- 2 – 4 If you have the GReddy turbo kit, please remove compression pipe C-2.
- 2 – 5 Remove air hoses B/C/D/E and air pipes B/C.
- 2 – 6 Remove the factory intercooler.
- 2 – 7 Drain the P/S fluid and remove the P/S cooler. Disconnect the factory P/S hose as designated by the arrow.

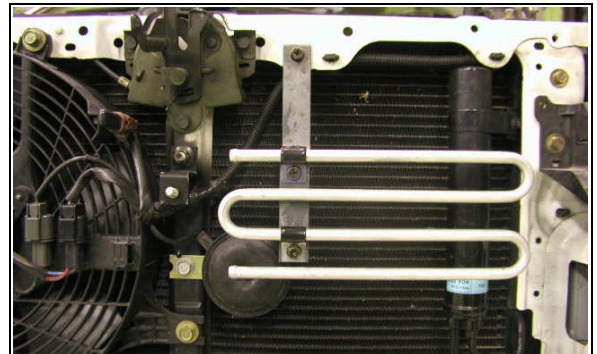


3. Relocation Kit

3 – 1 P/S Cooler Installation

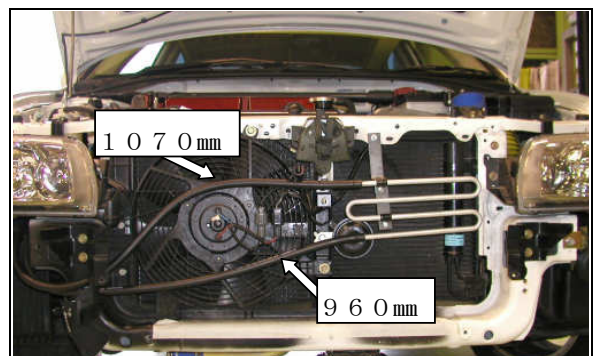
- (1) Mount the P/S cooler according to the image using the P/S cooler clamps and 6mmx15mm nuts and bolts.

(Parts used: 1 3, 4, 1 5, 2 0)



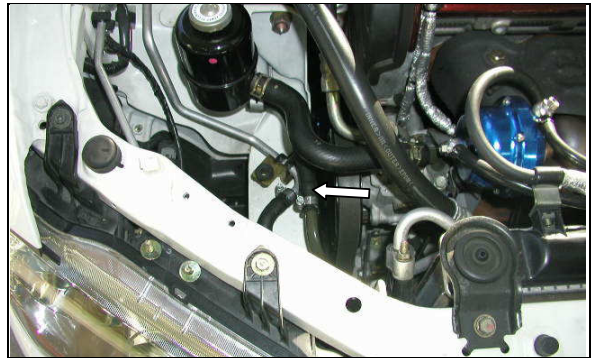
- (2) Use the provided 9mm hoses (960mm and 1070mm) please cut them to fit. The 1070mm hose is installed on the upper portion of the P/S cooler and the 960mm hose should be installed on the lower portion. Use the provided hose bands to secure the hose ends.

(Parts used: 9, 1 8)



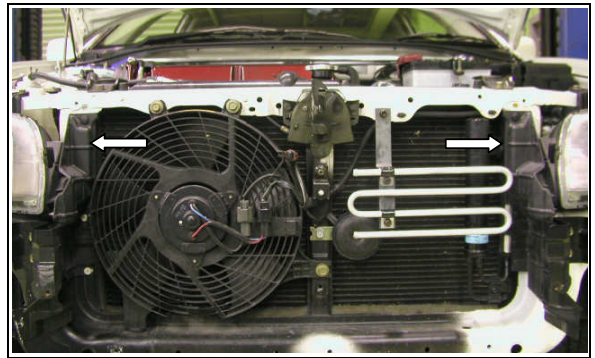
- (3) (2) Disconnect the hose shown in the image with an arrow from the factory hard line. Use the provided 10mm aluminum tube union to connect the 960mm hose to the factory rubber hose in this location. Secure both ends with hose clamps. Use the 1070mm hose to connect to the factory hard line at this location and secure the end with a hose clamp.

(Parts used: 9, 1 6, 1 8, 1 9)



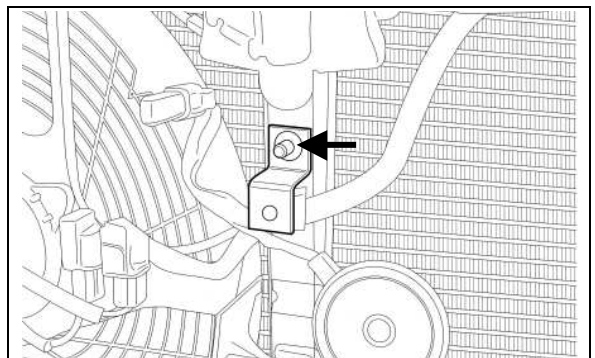
3 – 2 Intercooler Mounting

- (1) Please remove the air guides depicted in the image by the arrows.



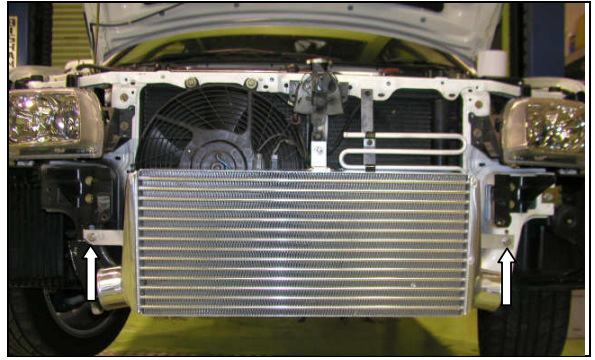
- (2) Install the bracket as depicted by the arrow.

(Parts used: 1 2)



(3) Attach the intercooler to the mounting points designated by the arrows.

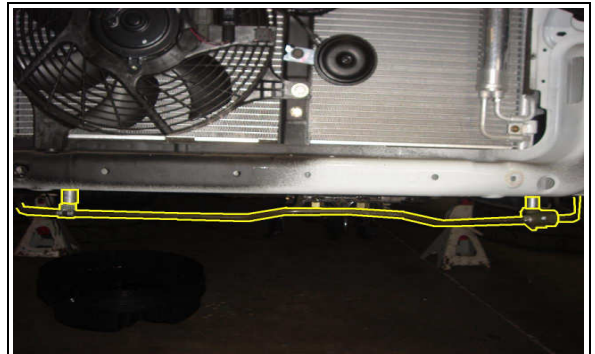
(Parts used: 1 , 2 1 , 2 2)



(4) With the air guides removed, cut the areas highlighted in the image so the guides do not interfere with any parts.



※ Some models may require the use of the provided spacers as shown.

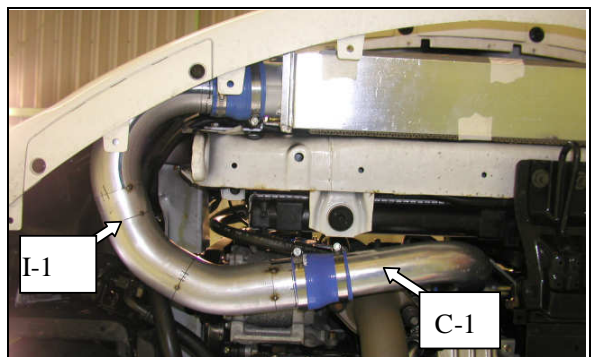


3 – 3 Intercooler Piping IN side

Install Intercooler Pipe I-1 between the intercooler and turbo kit piping C-1. Use silicon hoses and hose bands to secure the ends.

※For the C-1 side of the silicon hose, use the hose clamps from the turbo kit.

(Parts used: 2 , 7 , 8 , 1 0 , 1 1)



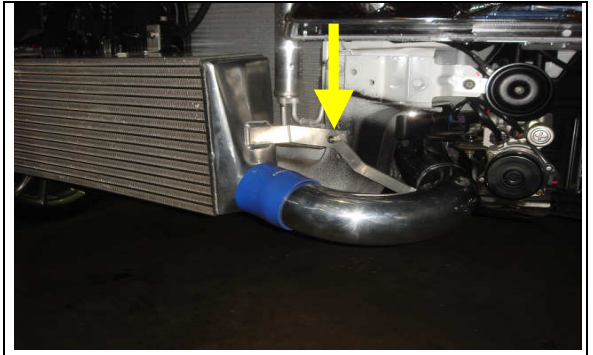
3 – 4 Intercooler Piping OUT

- (1) Install Intercooler Piping I-2, I-3, I-4 from the throttle to the intercooler. Use silicon hoses and hose bands to secure the ends.

(Parts used: 3, 4, 5, 6, 8, 10, 11)





- (2) Use the factory hardware to secure the I-2 bracket to the position shown.



3 – 5 Front Bumper Modification

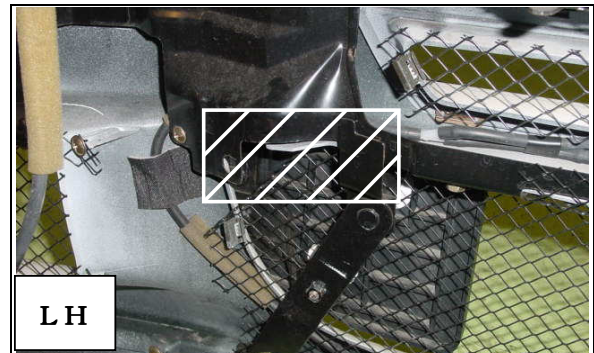
- (1) Please cut and remove the shaded area from the bumper in order to make clearance for the intercooler.

 **Note** When performing modifications, please use protective eyewear.

 **Note** Be sure to smoothen out rough edges and paint raw surfaces.



- (2) After test fitting the bumper to make sure there are no clearance issues, mount the bumper.



3 — 6 Engine Start

- (1) Please check all the piping and hose connections.
- (2) Please re-connect the negative (-) terminal to the battery.
- (3) Check to make sure the car is idling correctly and that there are no leaks.
- (4) Spray a light shot of water at each connection to check for leaks.

This completes the installation.