

GReddy Intercooler Kit

2009 MITSUBISHI LANCER RALLIART Front mount Type 31 spec-v

Installation Manual

Please read the entire manual before installing this kit.

PARTS LIST US I/C KIT MITSUBISHI LANCER RALLIART

1.	Intercooler	Type-31 spec-v		1
2.	Intake pipe	I-1 (50Φ Aluminum)		1
3.	"	I-2 (Elbow Aluminum)		1
4.	"	I-3 (60Φ Aluminum)		1
5.	Silicone Hose	50Φ x 70mm	Straight	1
6.	"	60Φ x 70mm	Straight	1
7.	"	50Φ - 55Φ	Reducer	1
8.	"	50Φ - 60Φ	Reducer	1
9.	Hose Band	50Φ	Tridon #32	4
10.	"	60Φ	Tridon #36	4
11.	6mm	Large	F/W	2
12.	6mm x 15mm	P=1.00 Stainless	B S/W F/W	1
13.	6mm x 20mm	P=1.00 Stainless	B S/W F/W N	1
14.	8mm x 15mm	P=1.25 Stainless	B S/W F/W	1

PARTS



4

5 - 8

9, 10

11-14

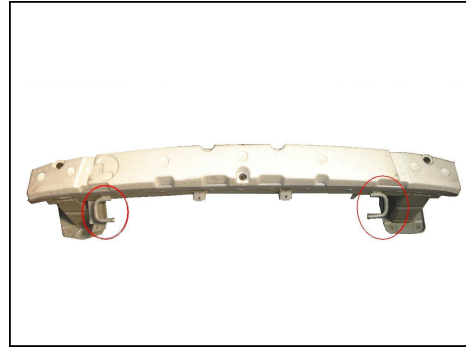
1. REMOVAL OF STOCK PARTS

**Please refer to the factory service manual
for the proper removal of stock parts.**

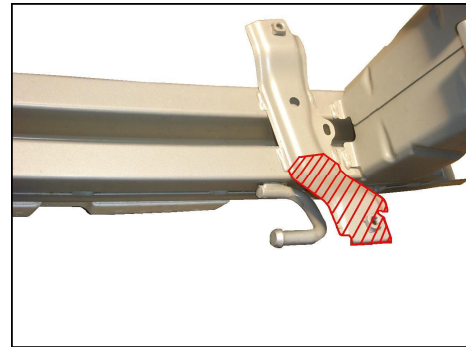
- 1-1 Disconnect the negative terminal of the battery.
- 1-2 Remove the under carriage cover.
- 1-3 Remove the front bumper.
- 1-4 Remove the bumper reinforcement.
- 1-5 Remove the stock Intercooler and Intercooler piping.

2. Modification

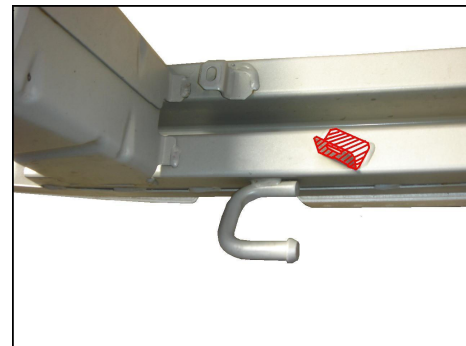
2-1 Cut off the OEM Intercooler hanger on both sides.



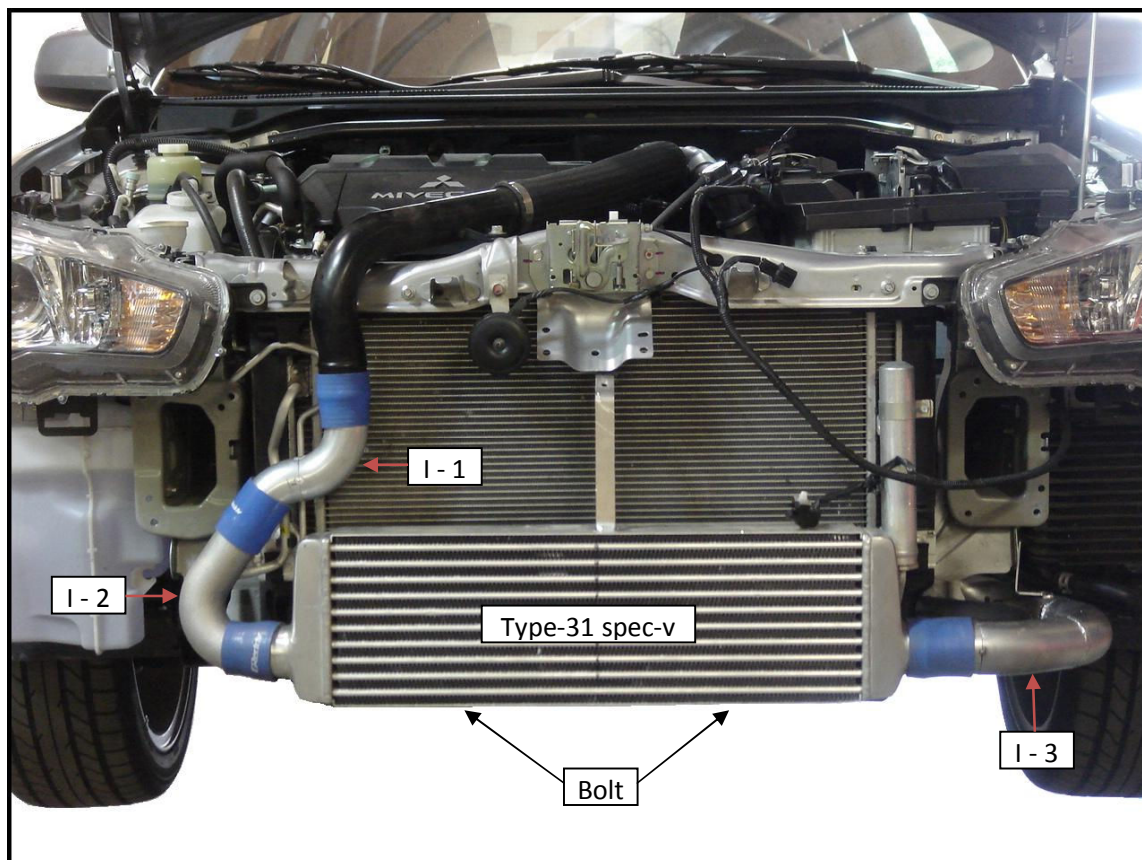
2-2 Cut off the horn bracket.



2-3 Cut off the wiring bracket.



3. KIT INSTALLATION



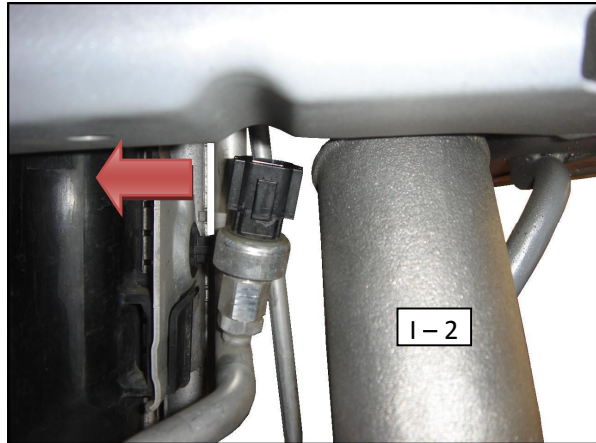
3-1 Install the Intercooler to the chassis

※ bottom side only.

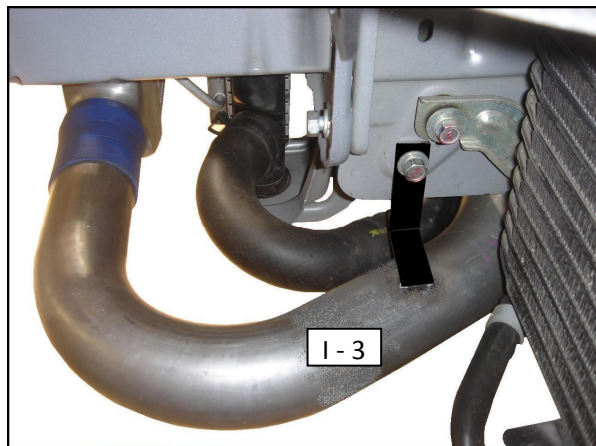
3-2 Install I-1, I-2 and I-3

(1) Twist the A/C pressure switch until it does not touch I-2.

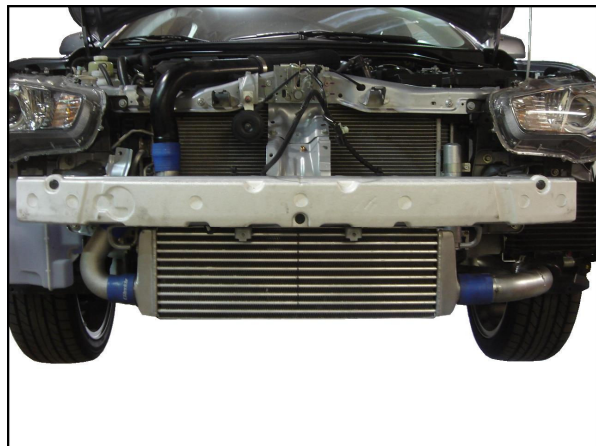
※ Be careful not to crack A/C piping.



(2) Mount the I-3 bracket with stock Bolt.



3-3 Reinstall the bumper reinforcement.



4. STARTING THE ENGINE

- (1) Check all the hose, piping and wire connections, then reconnect the negative side of the battery.
- (2) Start the engine. While idling, check for any air leaks.
- (3) After inspection, reinstall the front bumper, under carriage cover and other stock parts that were removed.
- (4) On the initial run, be sure to have a boost gauge to check the turbo-actuator setting. It is very important that you monitor the boost pressure, and make sure not to over-boost. Over-boosting can cause engine damage.

This completes the Intercooler Kit installation.