

GReddy Intercooler Kit

(Type 31)

Acura RSX BASE MODEL DC5 (K20A)

Acura RSX BASE MODEL DC5 (K20A) Type31

Installation Manual

Please read the entire manual before installing this kit.

Application:

Make	Model	Chassis	Year
Acura	RSX BASE MODEL	DC5	02~04

- This **GReddy Front mount intercooler kit** is designed only for the vehicles specified above With **GReddy Turbo Kit Acura RSX base model T517Z 8 c m²** installed.
- Premium grade gasoline (91 octane or higher) is required with this Kit.
- Make sure that the vehicle is not equipped with any ECU upgrade chips.
- Use of **GReddy Racing Spark Plugs ISO #7** or NGK plugs (colder than factory) is recommended 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.

2 Parts List

1. Intercooler	(Type 31C)				1
2. Intake pipe	I-1 (50Ø Aluminum)				1
3. “	I-2 (50Ø Aluminum)				1
4. “	I-3 (50Ø Aluminum)				1
5. “	I-4 (60Ø Aluminum)				1
6. “	I-5 (60Ø Aluminum)				1
7. Washer Tank					1
8. Washer Tank Bracket A					1
9. Washer Tank Bracket B					1
10. Extension Harness	850mm				1
11. Wire Connector Set	(Male and Female)				8 set
12. Hose	50Ø x 70mm	Straight			1
13. “	60Ø x 70mm	Straight			4
14. Hose band	50Ø	#32			2
15. “	60Ø	#36			8
16. Intercooler Bracket					1
17. Aluminum Spacer	t=8mm				2
18. Zip ties	150mm				5
19. 8mm x 15mm	P=1.25	Stainless	B S/W F/W		2
20. 8mm x 15mm	P=1.25	Stainless	B S/W F/W N		3

Parts List



1



2



3



4



5



6



7



8



9



10, 11



12, 13



14, 15



16



17



18



19, 20

2. Removal of Stock & Turbo Kit Parts

When removing the stock parts, make sure you read over the factory repair manual for proper procedures.

- 2-1 Disconnect the negative side of the battery.
- 2-2 Remove the undercover, and the front bumper.
- 2-3 Remove the bumper support beam.
- 2-4 Remove the two horns.
- 2-5 Remove the wind shield washer tank.
- 2-6 Remove the Turbo Kit Air intake, suction pipe, the suction adapter, and the restrictor. (refer to the Turbo Kit Installation Manual)
- 2-7 Remove the Turbo Kit Compression Pipe C-3 and C-4. (refer to the Turbo Kit Installation Manual)

3. Kit Installation

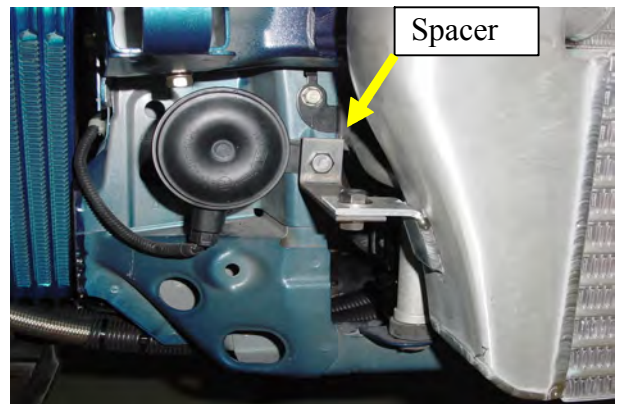
3-1 Body Modification

Cut the shaded area of the body at the left front body as shown.

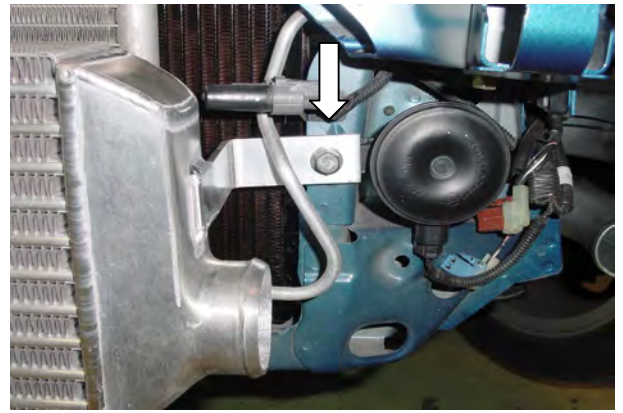


Intercooler Installation

- (1) Install the Intercooler bracket to the body with the horn as shown using the provided spacer between the horn bracket and I/C bracket. (Parts used #: 16, 17, 19,20)
- (2) Mount the Intercooler shown using provided hardware. Secure the left side of the intercooler (looking from the front of the vehicle) to the bracket installed in the previous step.



- (3) Secure the right side of the intercooler to the body as shown using the provided spacer between the horn bracket and I/C bracket.
(Parts used #: 1, 17, 19)



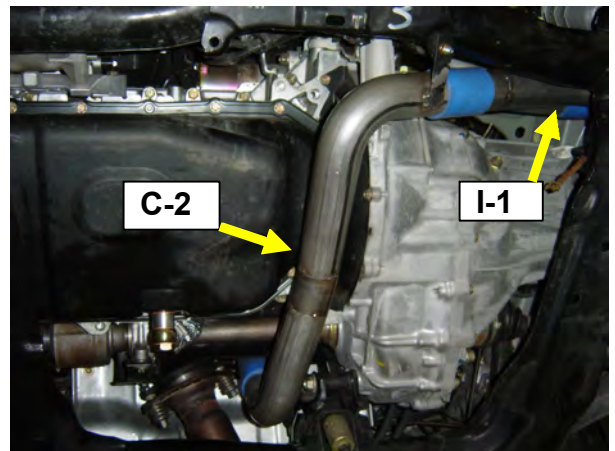
- (4) Position the intercooler so that it is mounted straight before tightening the bolts.



3-3 Intercooler Piping Installation

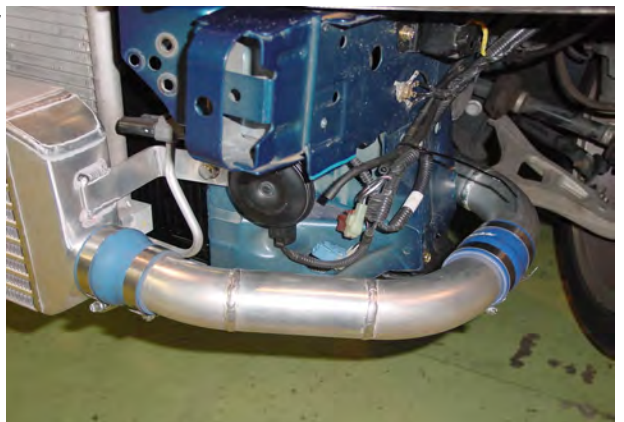
- (1) Install the I-1 to the C-2 from the Turbo Kit.

(Parts used # 2, 12,14)



- (2) Install the I-2 pipe between I-1 and intercooler inlet as shown.

(Parts Used #: 3, 12, 14)



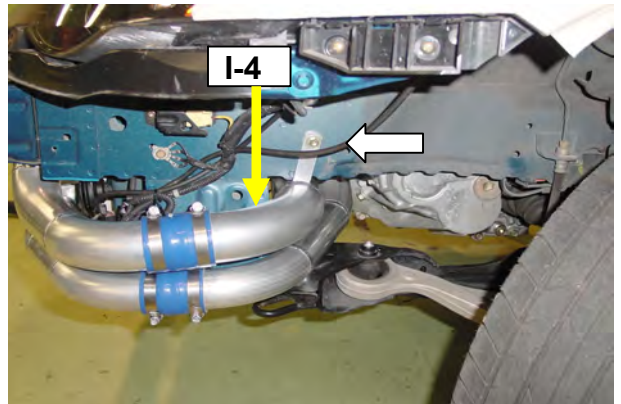
(4) Install the I-3 to the intercooler outlet as shown.

(Parts Used #: 4, 13,15)

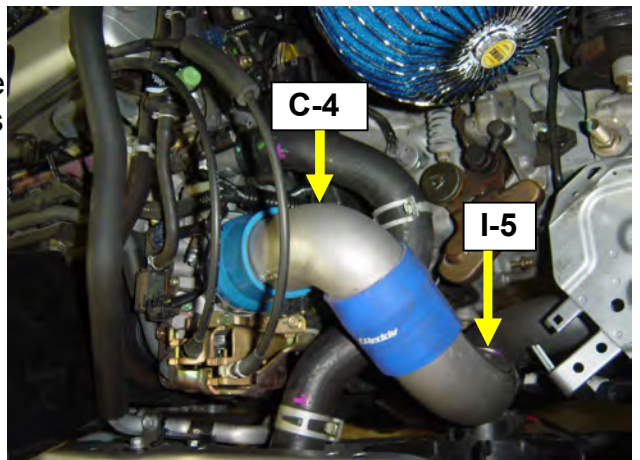


(5) Install the Intercooler pipe I-5 to the I-4 as shown. Secure the I-5 to the body. Modify the splash guard where it contacts these pipes.

(Parts Used #: 5, 13,15)

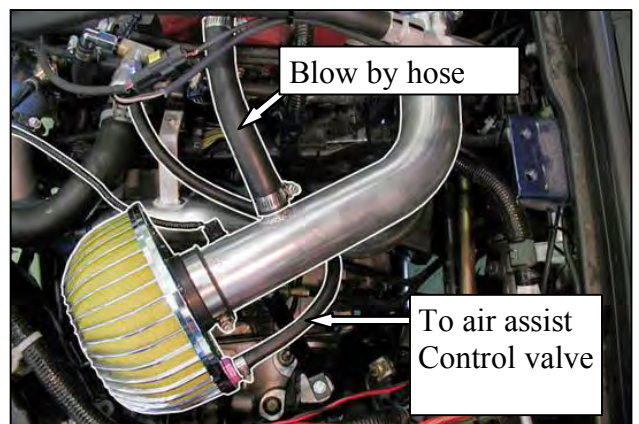


(6) Install the Compression pipe C-4 from the turbo kit between the pipe I-5 and the throttle body as shown. Reuse the hoses and clamps from the turbo kit.



3-4 Suction Pipe Installation

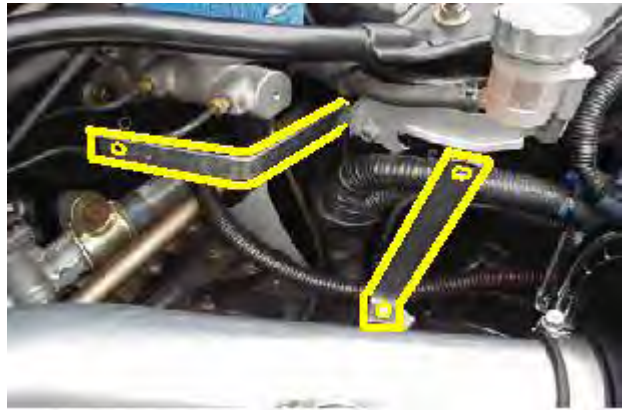
(1) Reinstall the Turbo Kit Suction Kit with out the restrictor.



3-5 Windshield Washer Tank Installation

(1) Install the washer tank brackets A and B as shown.

(Parts used # 8, 9)



(2) Install the two washer pumps to the provided washer tank and install the tank on to the bracket A and B as shown.

Extend the washer tank harness to reach from the original tank location to the new location. Refill the tank with washer fluid.

- * Make sure not to reverse the positive and negative wires.
- * Make sure not to switch the front pump and the rear pump connectors.

(Parts used # 7, 10, 11, 20)



3-6 Bumper Modification

(1) Cut the outlined area of the bumper to clear the intercooler



- * Cut the bumper little by little and test fit on the vehicle. Trim the area the hits the intercooler.



Starting the Engine

- (1) Check all the pipe and hose 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 cover and other stock parts that was removed.
Secure the bottom of the bumper with the intercooler bracket.

This completes the Intercooler Kit installation.