

GReddy Intercooler Kit

96-98 Nissan 240SX (KA24DE) Front mount Type 24

96-98 Nissan 240SX (KA24DE) Front mount Type 24

Installation Manual

Please read the entire manual before installing this kit.

Application:

Make	Model	Chassis	Year
Nissan	240SX	S14	96 - 98

- This **GReddy Intercooler Kit** is designed only for the vehicles specified above, with **GReddy Turbo Kit (part # 11520633)** 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.

1. Parts List



1



2



3



4



5



6



7



8



9 - 11



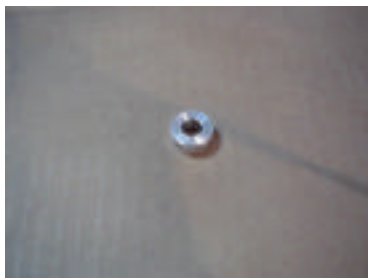
12 - 14



15



16



17



18, 19

2. Stock Parts Removal

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

- 2-1 Disconnect the negative terminal of the battery.
- 2-2 Remove the under engine cover.
- 2-3 Remove the front bumper.
- 2-4 Remove the bumper reinforcement.
- 2-5 Remove the Airflow meter, Airinx filter and the suction pipe S-1 from the turbo kit.
- 2-6 Remove the charge pipe C-2, and C-3 from the turbo kit.

3. Kit Installation

3-1 Core installation

(1) Mount the top bracket of the inter cooler to the hood latch assembly using the provided spacer and hardware as shown.

(Parts Used # 1, 17, 19)



(2) Mount the bottom bracket of the inter cooler to the sub-frame using the provided hardware as shown.

(Parts Used # 18)



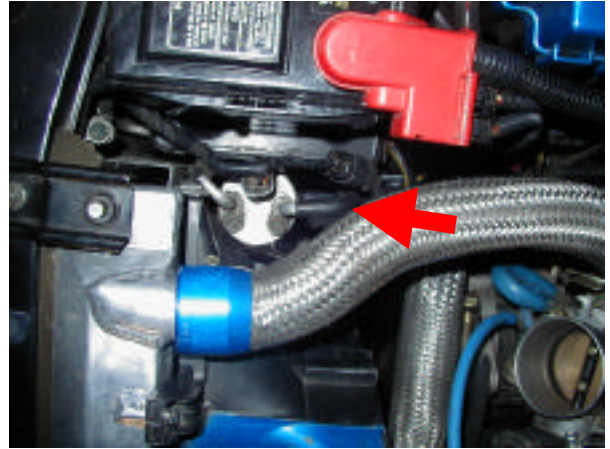
3-2 A/C Tank Relocation

(1) Install the 50 hose clamp on the A/C tank bracket as shown.

(Parts Used # 12,16)



(2) Relocate the A/C tank forward using the new clamp bracket assembled in the previous step as shown.



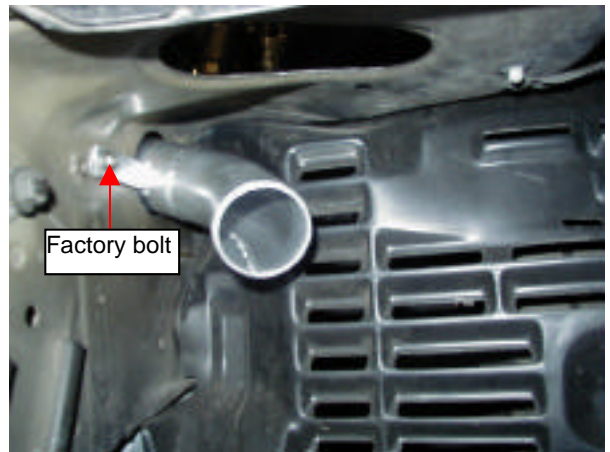
3-3 Intercooler Pipe Installation

(1) Remove the plate that covers the hole at the front left fender well.

(2) Install the I-1 pipe to the C-1 pipe from the turbo kit.

*Use the hose and hose clamp from the turbo kit.

(Parts Used # 2)



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

*Use the hose and hose clamp from the turbo kit.

(Parts Used # 3)



(4) Install the I-3 and I-4 using provided hose and hose band as shown. Secure the bracket on the I-4 pipe to the body as shown.

(Parts Used # 4, 5, 9, 10, 13, 14, 18)



(5) Install the I-5 and I-6 using provided hose and hose band as shown. Install the 16 hose to the I-6 and the idle air control valve as shown.

(Parts Used # 6, 7, 8, 9, 13, 14)



3-4 Undercover Modification

Trim the marked area on the undercover as shown. Reinstall after modification.



3-5 Inner Fender Cover Modification

Trim the marked area on the inner fender cover as shown.



3-6 Bumper Reinforcement Modification

Trim the marked area on the bumper reinforcement as shown so that they fit on over the intercooler.



3-6 Bumper Modification

Trim the marked area on the bumper as shown so that it fit on over 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.

This completes the Intercooler Kit installation.