

# ***GReddy* INTERCOOLER KIT**

**NISSAN GT-R R35  
(VR38DETT)  
SPEC-R HG TYPE6×2**

## **Installation Manual**

**Please read the manual before installing this kit**

MODEL	CHASSIS	ENGINE	YEAR
GT-R	CBA-R35	VR38DETT	2007 - on

- ※ This **GReddy Intercooler Kit** is designed for the original turbo.
- ※ This kit requires modification to the Intake Air duct.

**GReddy Performance Products Inc. is not responsible if NISSAN factory warranty is voided.**

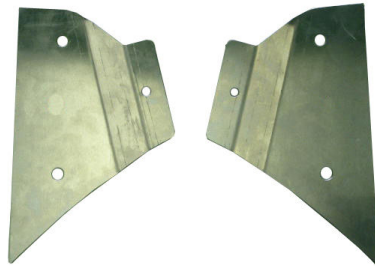
# 1. Parts List

1. Intercooler (TYPE6)	1SET
2. Air diversion plate	1SET
3. Clip	4
4. M6 × 12mm P=1.0 HEX HEAD BOLT	2
5. M6 × 15mm P=1.0 HEX HEAD BOLT	4
6. M6 P=1.0 LOCK NUT	6
7. M6 F/W (S)	4
8. M6 F/W (L)	2
9. M8 × 25mm P=1.25 Stainless B F/W S/W	10

## Parts List Picture



1



2



3



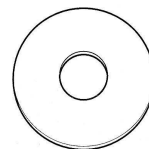
4. 5



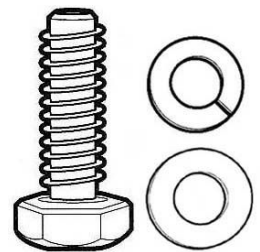
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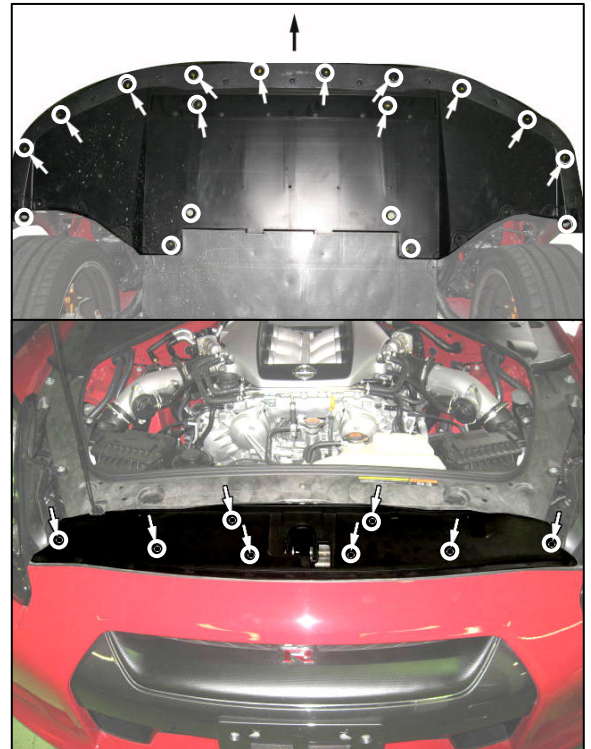


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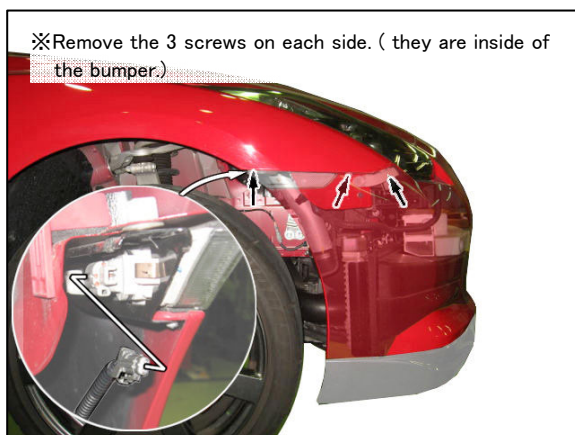
## 2. Stock Parts Removal

### 2-1 Remove front bumper

- (1) Disconnect the negative terminal of the battery.
- (2) Remove the front fender inner cover both sides.
- (3) Remove the front side under carriage cover.
  - ※ Remove plugs to see the bolts.
  - ※ After removing all plugs and bolts, slide to the front.
- (4) Remove the radiator cover.



- (5) Remove the screws from upper side bumper.
- (6) Disconnect the turn signal connectors.

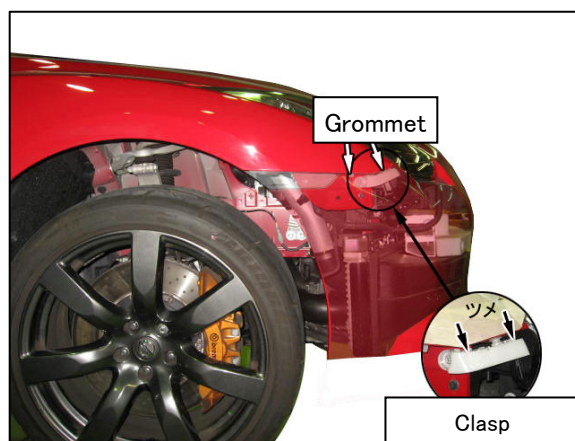


(7) Disconnect the AIR BAG sensor connector.



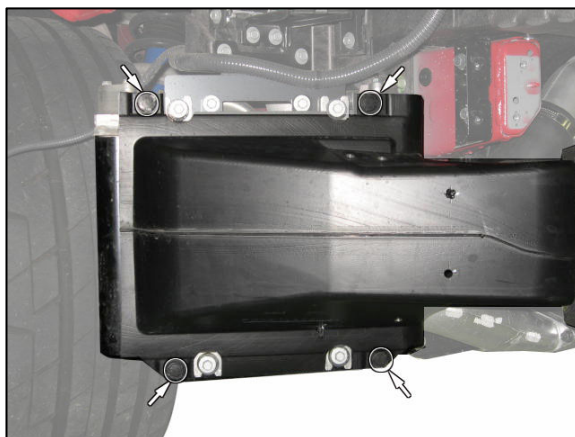
(8) Remove the front bumper.

※ If it is difficult to remove the bumper, remove the clasp first.



## 2-2 Remove the radiator air guide

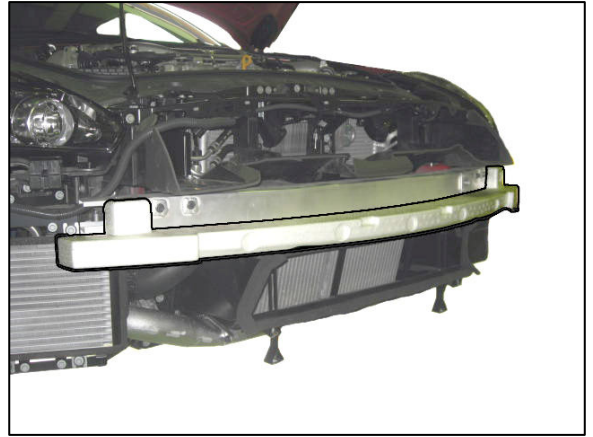
(1) Remove the engine oil cooler air intake guide.



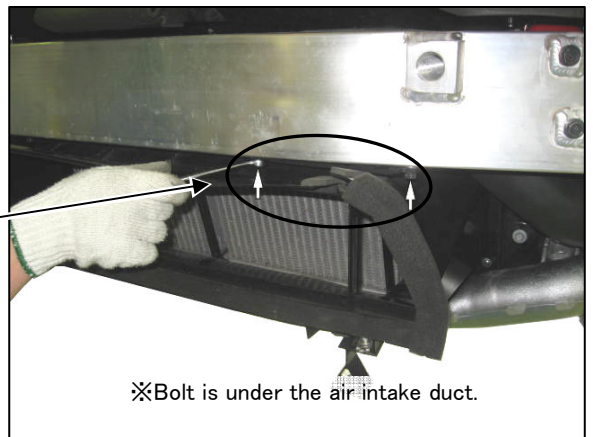
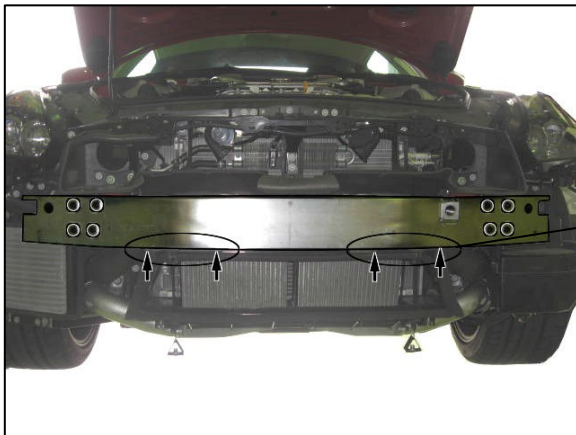
(2) Remove the air ducts from both sides.



(3) Remove the impact foam from bumper reinforcement.



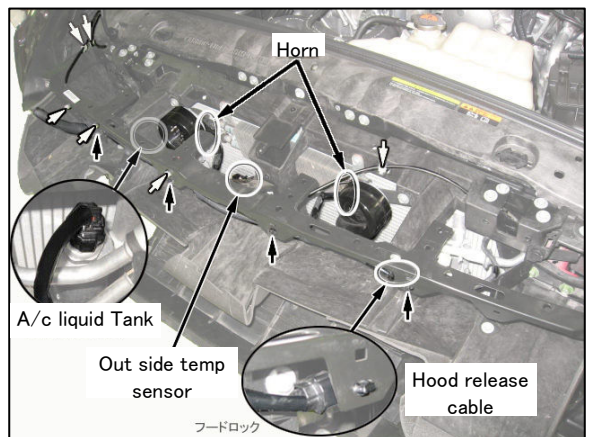
(4) Remove the bumper reinforcement.



(5) Disconnect connectors.

(6) Remove wires and hood release cable.

- ... Connector  
A/C Liquid Tank, Out Side Temp Sensor, Horn,  
Hood release cable.
- ➡ ... Clip (wiring)
- ⇨ ... Clip (hood release cable)

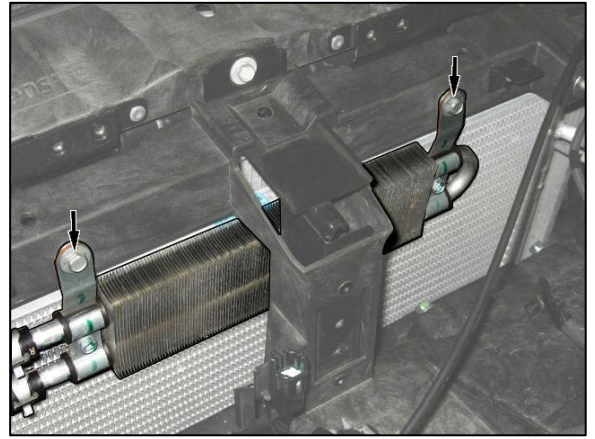


(7) Remove the bumper retainer.

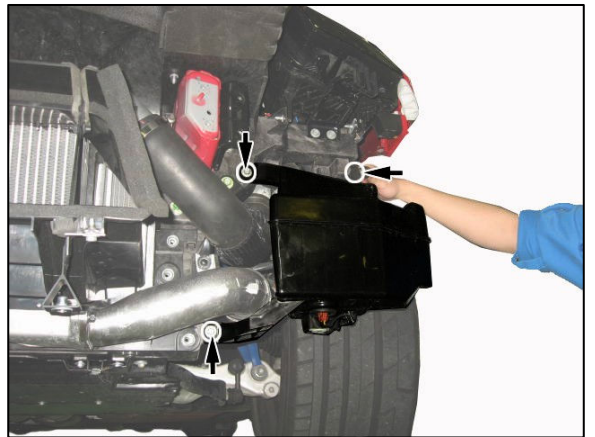


(8) Remove the P/S oil cooler mount bolt.

- ※ Do not disconnect the cooler line.
- ※ Be careful not to damage oil cooler and condenser.

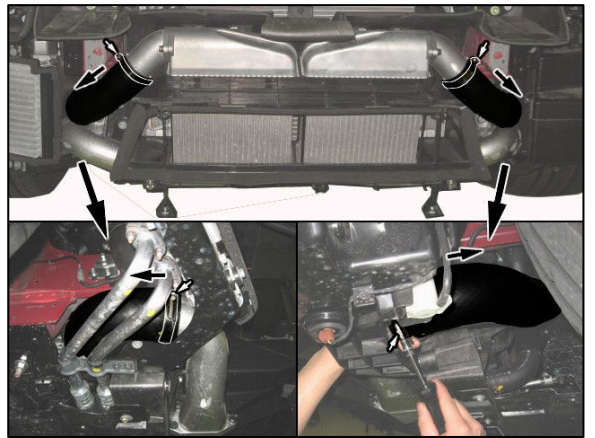


(9) Remove the window washer tank mount bolt.

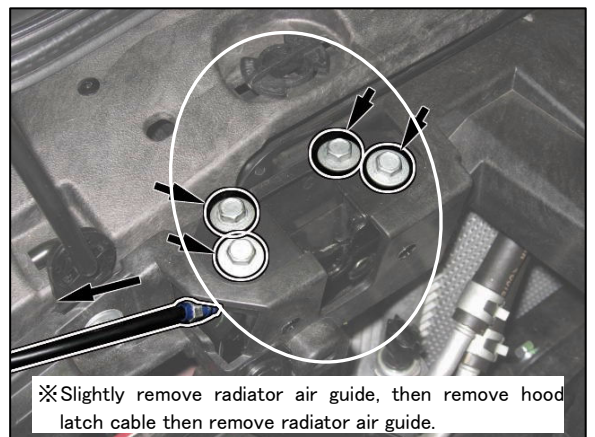
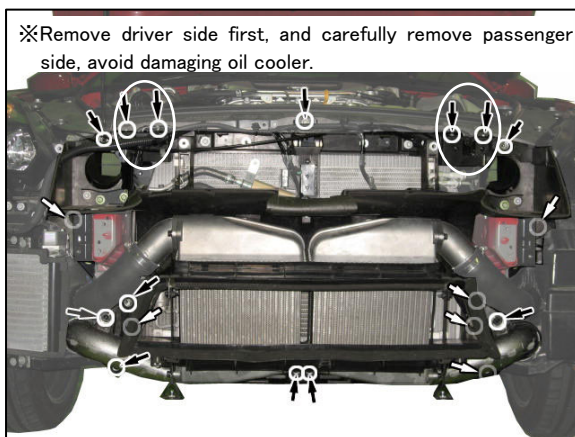


(10) Remove the intercooler hose.

- ※ After removing the hose, cap off the opening.



(11) Remove the radiator air guide, the intercooler and air intake duct.

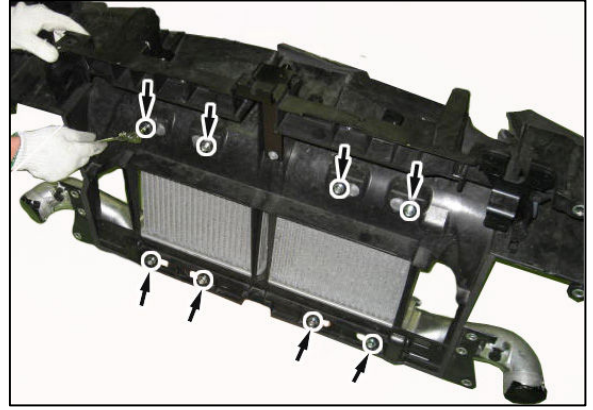


## 2-3 Remove intercooler

- (1) Remove the intercooler air duct, after removing the 4 rivets.

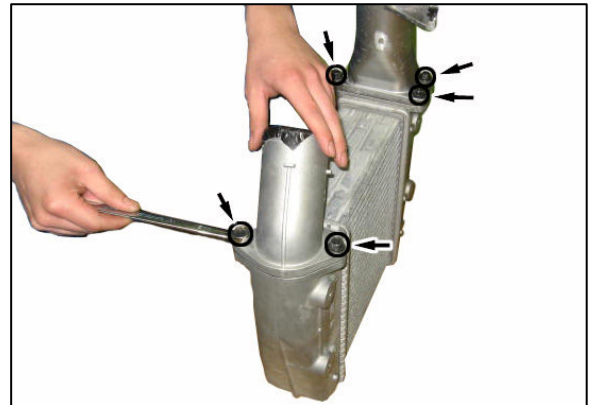


- (2) Remove the intercooler from radiator air guide.



- (3) Remove the intercooler pipe (IN, OUT) from intercooler.

※ Reuse the intercooler pipes and gasket.

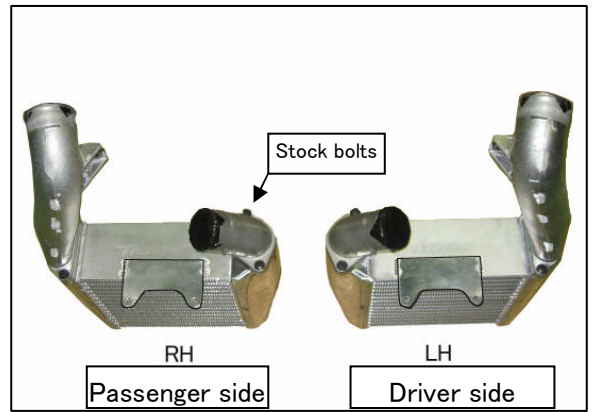


### 3. Kit Installation

#### 3-1 Install the intercooler.

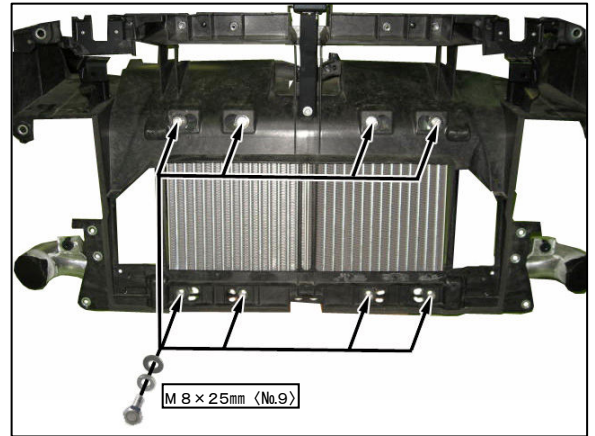
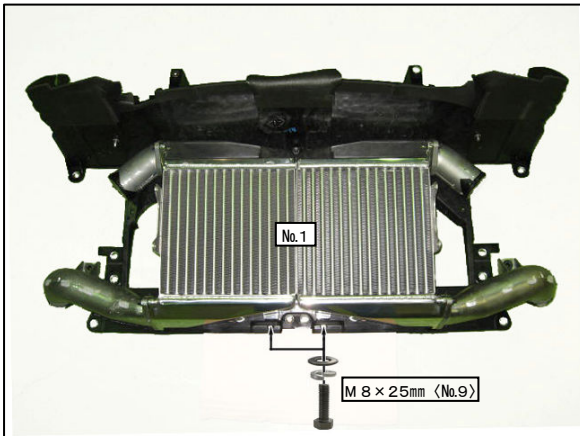
- (1) Install the intercooler pipes (IN, OUT)
  - ※ Reuse bolts and gasket.
  - ※ Put silicone sealer between intercooler and intake pipe flange .

〈Parts No.1〉



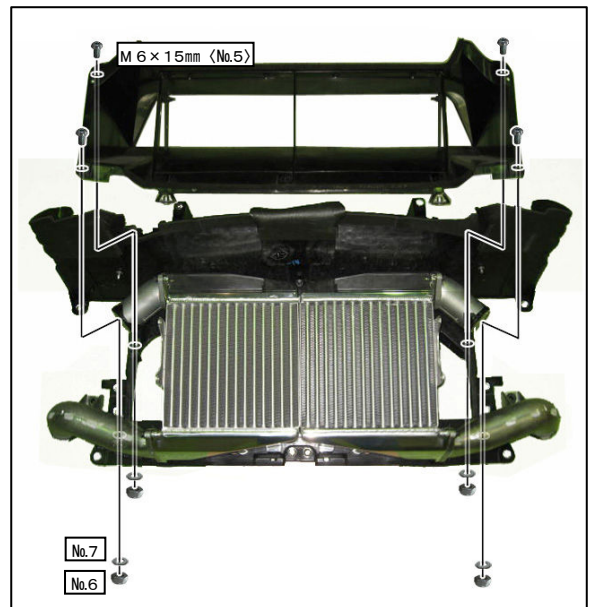
- (2) Install GReddy Intercooler core on the radiator air guide.

- ※ Do not use stock bolts, use kit bolts.〈Parts No.9〉



- (3) Install intercooler air intake duct to the radiator air guide.

〈Parts No.5, 6, 7〉

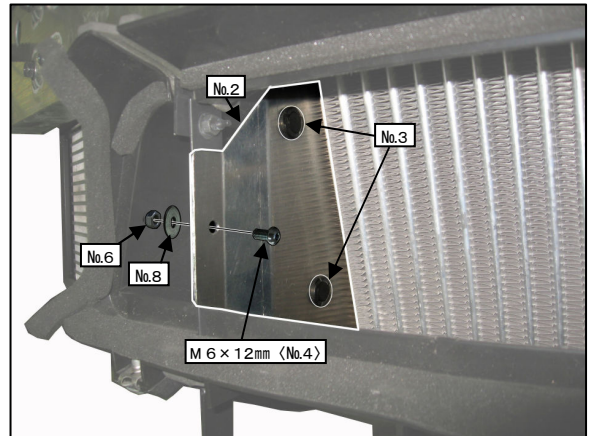




### 3-2 Install Radiator Air Guide

- (1) In reverse order of removal of radiator air guide. (2-2)
- (2) Install air diversion plate on to the intercooler air duct.

〈Parts No.2, 3, 4, 6, 8〉



### 3-3 Start Engine

- (1) Check all piping and wiring.
- (2) Connect negative battery terminal.
- (3) Start engine and check for air leak and noise.

### 3-4 Install front bumper

In reverse order of removal of front bumper. (2-1)



This completes the Intercooler Kit installation.