

Greddy
BLOW OFF VALVE
TYPE-RS
ADAPTER KIT

BRS – HGC20


Instruction Manual

Please read the manual carefully before installing and using this product.
This product is for off road use only.

MAKE	MODEL	ENGINE	YEAR
HYUNDAI	GENESIS COUPE 2.0T	2.0T	2010

APPLICATION : Re-circulation and Atmospheric Type

※ Re-circulation attachment to intake included.

	Important	This kit is designed for the vehicle specified above. Please do not attempt to install this kit on any other application.
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SAFETY INFORMATION

Important

- This Manual will explain the proper installation procedure of this product.
Please read this manual carefully.
- This manual was created considering the vehicle to be completely factory spec.
- While using this product, please keep this manual as a reference.
- The notation shown below is used throughout this manual.



Caution

This notation will indicate the important procedures and instructions to prevent accidents and injury.



Warning

This notation will indicate the important procedures and instructions to prevent life treating accidents and injury.

- ◆ If sub injectors are used make sure to mount the injectors after the blow off valve between the blow off valve and the throttle body.
- ◆ On some applications, there are possibilities of engine stall if the air is released out to the atmosphere.

It is recommended to re-circulate the air back into the intake system before the turbo in-



Caution

DO NOT disassemble or mishandle this product.

This will cause product failure and may damage the engine.

Important

1. This product is for off road use only.

- This product is legal for sale or use in CA only on vehicles, which may never be driven on a public highway. Check your state and local laws regarding the use of any performance products.

2. Installation of this product should be performed by an experienced mechanic.

- Special tools and modification skills are needed for the installation of this product.

3. Inspect the vehicle before the installation of this product.

- Inspect the vehicle and make sure that there are no problems with the vehicle before installation.

4. Do not use this product for purpose other what is intended for.

- This product is designed for off-road race use only.

Important

1. Disconnect the negative terminal of the battery before installation
2. Make sure the engine bay has cooled down before installation.
3. Removal and disassemble caution

Please follow the basic manufacturer's recommended procedure.

- Make sure to clean the parts that are reused and replace any parts that are damaged.
4. Installation and reassembly caution
 - Clean the parts thoroughly before installing the parts.
 - Make sure to replace gaskets with new part.
 - Please refer to the torque spec chart for the proper torque specs for the bolts and nuts.

Jacking and lifting precautions



Caution

- When Jacking up the front or rear of the vehicle, please make sure to lift the vehicle up at the proper jack points and use safety stands and Wheel chocks.
- When Lifting the vehicle, ensure that the front and rear of the vehicle are well balanced at the proper lift points.

Important



Caution

Make sure to check the installation before operating the vehicle.



Caution

Before starting the engine, make sure that there are no flammable items around the exhaust system and in the engine room.



Warning

Start the engine in a well-ventilated area.

Although we have taken all the possible measures to provide the highest quality products, we will not be responsible for any damage, or accidents caused by improper use or incorrect installation.

GReddy Performance Products Inc.

PARTS LIST

1. BLOW OFF VALVE	TYPE – RS	x 1	8. BLOW OFF GASKET	x 1
2. ADAPTER TUBE	50Φ	x 1	9. EMBLEM	x 1
3. PLUG	34Φ	x 1	10. ONE WAY VALVE	x 1
			THREE WAY	
4. HOSE ATTACHMENT		x 1	11. FITTING	x 1
5. VACUME HOSE		x 1	12. BOLT-WASHER	x 2
6. SILICONE HOSE	50Φ – 70mm	x 1	13. BOLT S/W F/W	M8 X 15 S/W F/W x 1
7. HOSE BAND	TRIDON #32	x 2		

PARTS LIST



1



2



3



4



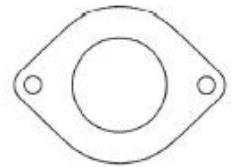
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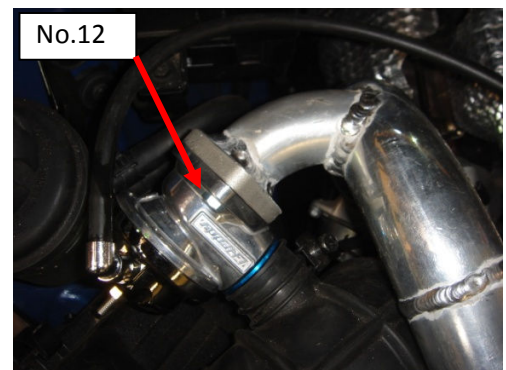
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Installation

- (1) Remove the OEM Intercooler Piping and install the adapter tube as shown in the diagram. Mount the Adapter Tube to the factory mounting location using the Bolt, Flat washer & Spring Washer (#13).



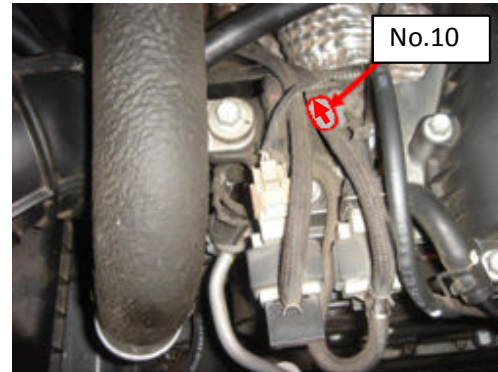
- (2) For Re-circulated blow off
Install the Hose Attachment (#4) to the BOV and attach to the OEM intake tube.
Install one side of vacuum hose (#5) to the BOV fitting, and splice the other side of the vacuum hose to a vacuum source from the Intake Manifold using Three Way Fitting (#11).
Mount the BOV using the supplied Bolts and Washers (#12).



- (3) For Atmospheric blow off.
Install the BOV with the Atmospheric outlet and put the aluminum plug on the OEM Intake Tube.
Install one side of the vacuum hose (#5) to the BOV fitting, and splice the other side of the vacuum hose to a vacuum source from the intake manifold using Three Way Fitting (#11).



- (4) Install the One Way Valve (#10) inline with the OEM relief valve and solenoid. Cut the hose and insert the One Way Valve, making sure that it restricts the airflow to the relief valve. Make sure the arrow on the One Way Valve points toward the OEM relief valve. Before cutting, be sure you have the correct hose.

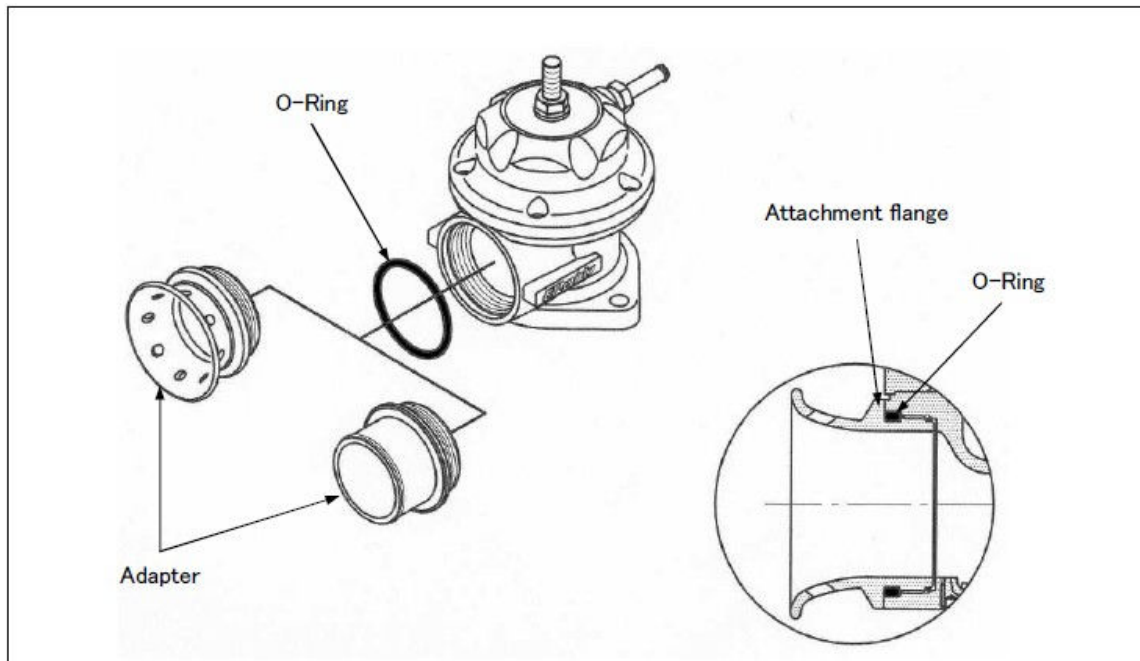


How to change the Attachment

The attachment on the GReddy Type RS is interchangeable with discharge funnel or hose attachment.

To remove the attachment, turn it counter clock wise, and to instell turn it clock wise. When changing the attachment, place the O-ring onto the attachment being installed and tighten until the attachment flange meets the blow off valve of body.

- ❖ Apply silicone grease before reinstalling the O-ring.
- ❖ O-ring will not require excessive force to seal properly, so please be careful not to over tighten the attachment.



This completes the BOV Kit installation.