

Racing Suction Reloaded Intake Kit

70020-KB001

HYUNDAI GENESIS Coupe

Engine Type: 2.0L TURBO

Model Year: 2008/10-

Ver. 3-1.01

NOTICE

This manual assumes that you have and know how to use the tools and equipment necessary to safely perform service operations on your vehicle. This manual assumes that you are familiar with typical automotive systems and basic service and repair procedures. Do not attempt to carry out the operations shown in this manual unless these assumptions are correct. Always have access to a factory repair manual. To avoid injury, follow the safety precautions contained in the factory repair manual.

SAFETY PRECAUTIONS

WARNING

- To prevent electrical damage/burns/fires, always:
 - Disconnect the negative terminal of the battery before beginning installation.
 - When disconnecting wires/connectors, take extra care to avoid breaking/snapping the wires.

CAUTION

- Do not misuse this product.
 - Misuse of this product may lead to engine damage.
 - Misuse of this product may lead to loss of its original function.
- Prior to installation, make sure the engine bay temperature has cooled to approximately 40 °C /104°F
 - Failure to let the engine cool down properly can lead to severe burns.
- Insert clean rags into open piping to prevent contaminants from entering the pipes.
 - If neglected, contaminants in the piping can lead to engine damage.

- Make sure that all of the parts listed in the Parts List are included in the kit.
- Reference the factory service manual for the vehicle when removing factory parts.
- Be careful when handling this product; avoid dropping or subjecting it to excessive impacts. Failure to do so may result in product damage or improper installation.
- Use the proper tools when tightening nuts and bolts. If over tightened, the bolts may become damaged.
- Keep the removed factory parts in a safe place for ease of re-installation at a later date (if necessary).
- Replace the filter element at regular intervals:
(Recommended) Replace every 3,000~5,000km/2,000-3,200miles or every 3~6 months. Replacement filter elements are sold separately.

Do not wash the filter elements as the filtration properties will be degraded.

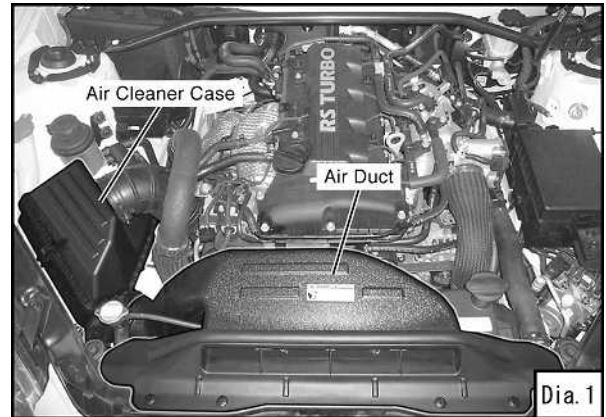
However, there are certain conditions where, depending on dirt buildup, the filter may need to be replaced earlier than the above recommended intervals.

- If the vehicle and the product are not maintained properly as mentioned above, the product cannot perform properly, and the airflow meter sensor may not be able to detect the intake air volume accurately; it may lead to engine damage or other faulty conditions.

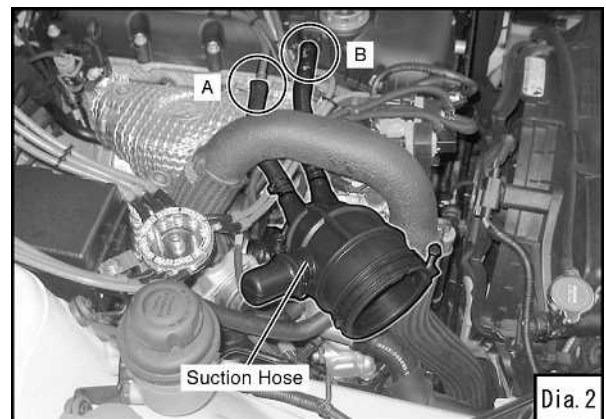
INSTALLATION PROCEDURE

1. REMOVAL OF FACTORY PARTS

- (1) Disconnect the negative terminal of the vehicle's battery.
- (2) Remove the clip to remove the air duct. (Dia.1)
- (3) Loosen the hose clamp to remove the bolt; then, remove the air cleaner case. (Dia.1)



- (4) Disconnect the hoses from section "A" and section "B" in Diagram 2.
- (5) Loosen the hose clamp to disconnect the suction hose. (Dia.2)

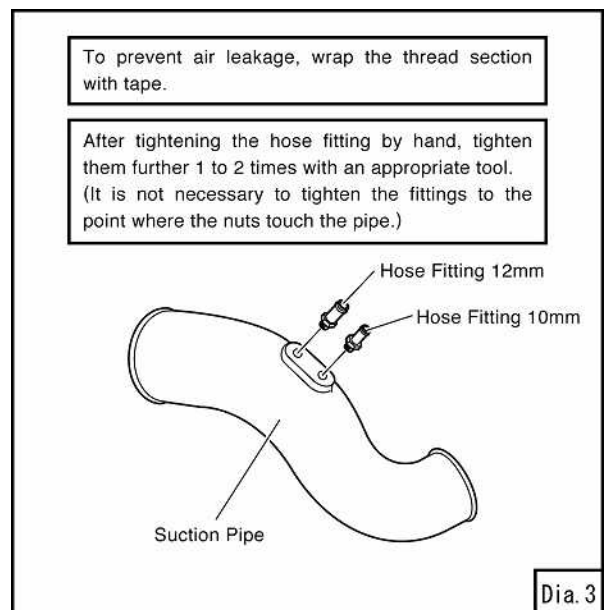


2. INSTALLATION OF THE KIT

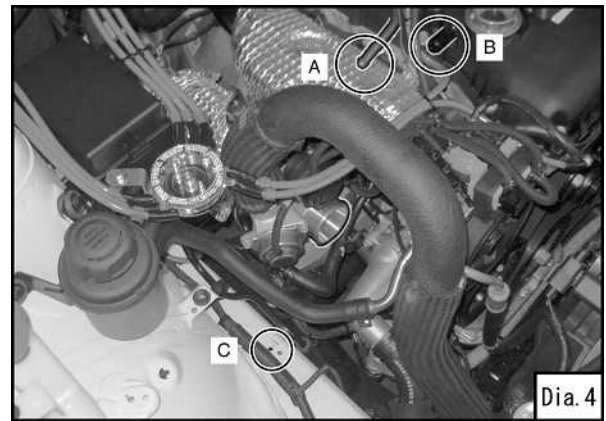
- (1) Install the provided Hose Fitting 12mm and 10mm to the suction pipe. To prevent air leakage, wrap the thread section with Teflon tape. (Dia.3)

ADVICE

After tightening the hose fittings by hand, tighten them further one to two times with an appropriate tool. (It is not necessary to tighten the fittings to the point where the nuts touch the pipe.)

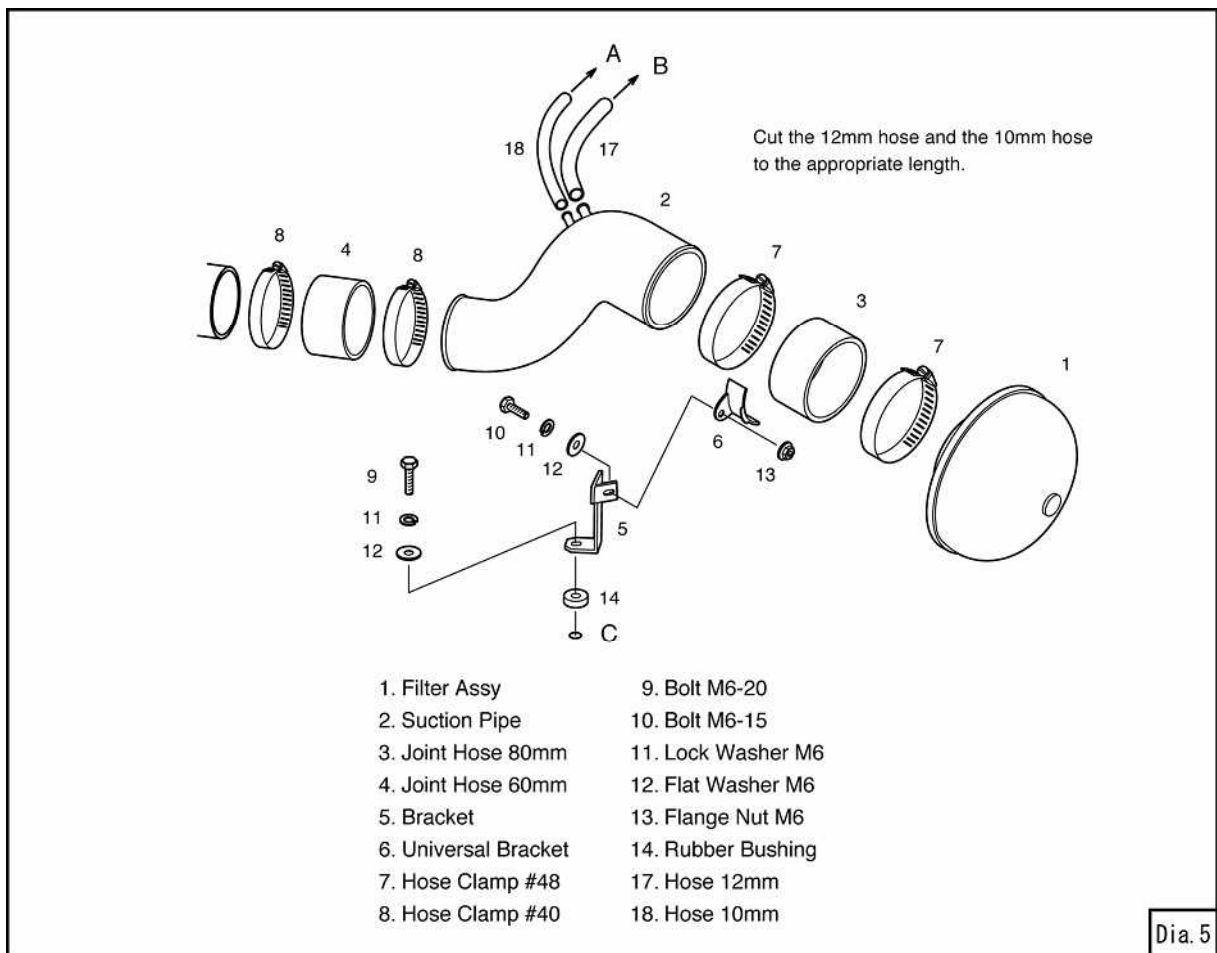


- (2) Temporarily install the air cleaner bracket to section "C" in Diagram 4. (Dia.4, 5)



Dia. 4

- (3) Temporarily assemble the kit parts. (Dia.4, 5, 6)

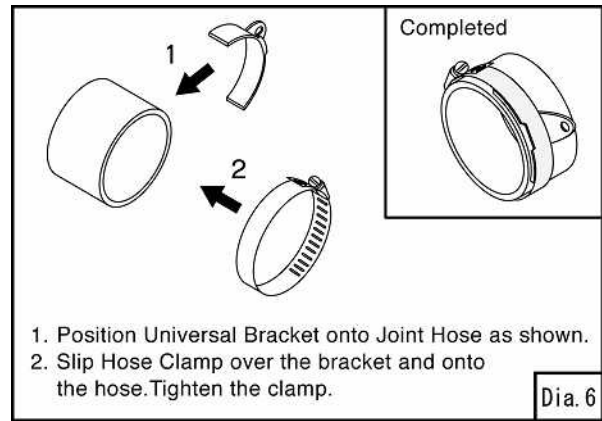


Dia. 5

- (4) Position the air cleaner to the vehicle avoiding unnecessary contact with other parts of the vehicle. Once the position is determined, secure the air cleaner to the vehicle using the provided hose clamps and bolts. Do not over-tighten the clamps and bolts. (Dia.7)

ADVICE:

Use of proper tools can help avoid over-tightening of hose clamps. (Screw drivers are recommended. Do not use boxed wrenches since they tend to use more force.) If over-tightened, the air cleaner may bend or become damaged. (Tightening torque: 2.0~3.0 N-m {0.2~0.3 kg-m})



- (5) Reinstall the factory air duct back onto the vehicle.
(6) Reconnect the negative terminal to the battery.



CONFIRMATION AFTER INSTALLATION

Check the following after the installation process is complete.

- (1) Check the following before starting the engine:

- Make sure pipes and hoses are routed and connected correctly.
- Make sure hose clamps are tightened.
- Make sure the negative cable terminal is securely connected to the battery.
- Make sure all bolts and nuts are tightened.
- Make sure all installed components do not come in contact with other parts.

- (2) Start the engine and check the following:

- Make sure air is not leaking.
- Make sure the RPM rises smoothly when revving the engine 2-3 times while in neutral.
- Make sure the installed parts are not hitting each other.
- Make sure there are no idling issues.
- Make sure there are no loose parts once the engine is off.









MAINTENACE











Proper daily maintenance of this product is necessary in order to maintain the safety, reliability, and function of this product.

Maintenance is the responsibility of the driver/owner.

- If work needs to be performed outside the scope of this manual, consult a professional.
- If the vehicle gets damaged, have the repairs performed by a professional.
- If you experience any abnormal noises, scents, or vibrations from the vehicle while driving, reference the vehicle's Owner's Manual.
- If this product is ever re-sold, please give this Instruction Manual to the new owner.
- When removing this product from the vehicle, please consult a professional.

PARTS LIST

No.	Description	Qty.	Image	Remarks
1	Filter Assy	1		200-80mm
2	Suction Pipe	1		
3	Joint Hose	1		80mm L=55
4	Joint Hose	1		60mm L=55
5	Air Cleaner Bracket	1		
6	Universal Bracket	1		80mm
7	Hose Clamp	2		#48
8	Hose Clamp	2		#40
9	Bolt	1		M6-20
10	Bolt	1		M6-15
11	Lock Washer	2		M6

No.	Description	Qty.	Image	Remarks
12	Flat Washer	2		M6
13	Flange Nut	1		M6
14	Rubber Bushing	1		
15	Hose Fitting	1		12mm
16	Hose Fitting	1		10mm
17	Hose	1		12mm L=300
18	Hose	1		10mm L=200
19	Tie Wrap	5		
20	Decal	1		
21	E04521-B11020-00 Instruction Manual	1		English