

Racing Suction Reloaded Intake Kit 70020-AN012

NISSAN SKYLINE SEDAN / COUPE / FAIRLADY Z

Model: DBA-PV36 / DBA-CKV36 / CBA-Z34

Engine Type: VQ35HR / VQ37VHR / VQ37VHR

Model Year: 2006/11- / 2007/10- / 2008/12-

Ver. 020409

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 original function.
- Prior to beginning installation, check to make sure that the engine bay temperature has cooled to approximately 40 °/104°F
 - Failure to let the engine cool down properly can lead to severe burns.
- Insert clean rags into open piping to prevent waste from entering the pipes.
 - If neglected, waste in the piping can lead to engine damage.

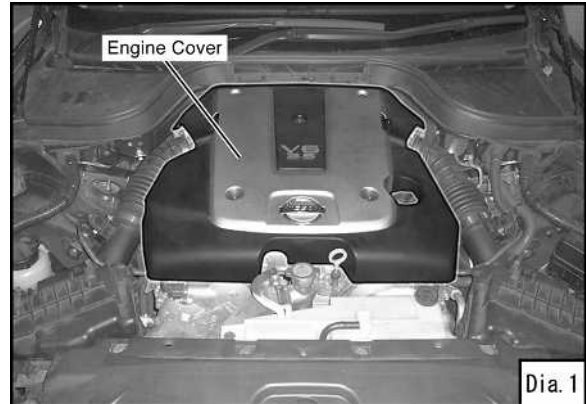
- Check to make sure that all of the parts listed in the Parts List are included in the kit.
- Reference the factory service manual for the vehicle when removing factory parts.
- Be careful when handling this product; avoid dropping or subjecting it to excessive impacts. Failure to do so may result in product damage or improper installation.
- Use the proper tools when tightening nuts and bolts. If over tightened, the bolts will 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, all of which can lead to engine damage.

INSTALLATION PROCEDURE

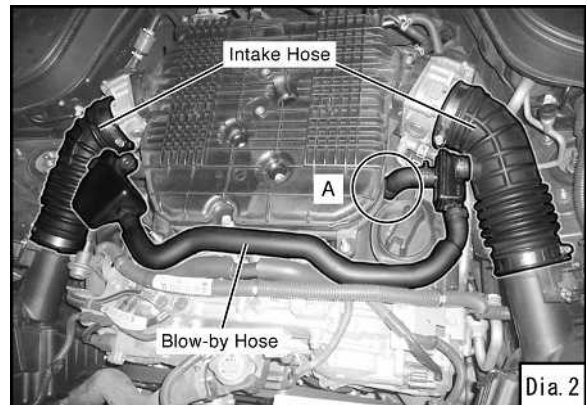
1. REMOVAL OF FACTORY PARTS

SEDAN (PV36)

- 1) Disconnect the negative terminal from the battery.
- 2) Remove the engine cover.(Dia.1)

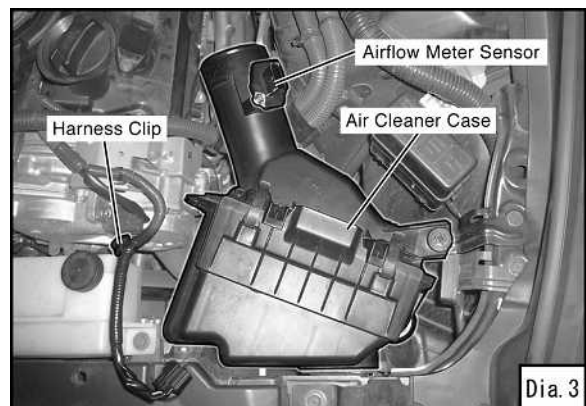


- 3) Loosen the band clamps holding the intake hoses (Right and Left). (Dia.2)
- 4) Remove the bolt from the blow-by hose. (Dia.2)
- 5) Loosen the hose clamp from section A in the diagram, and remove both intake hoses and blow-by hose. (Dia.2)

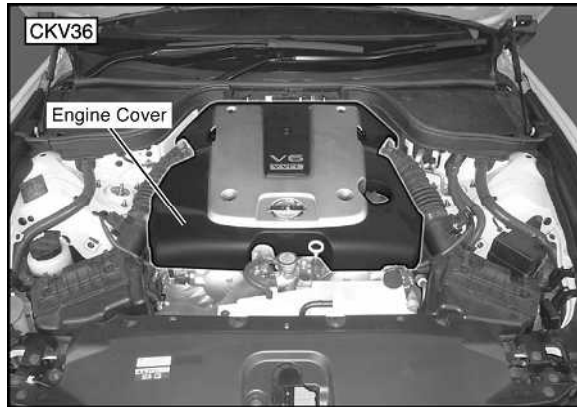


The following procedure only depicts the removal of factory parts from the *left* side of the vehicle. Repeat this procedure for the *right* side as well.

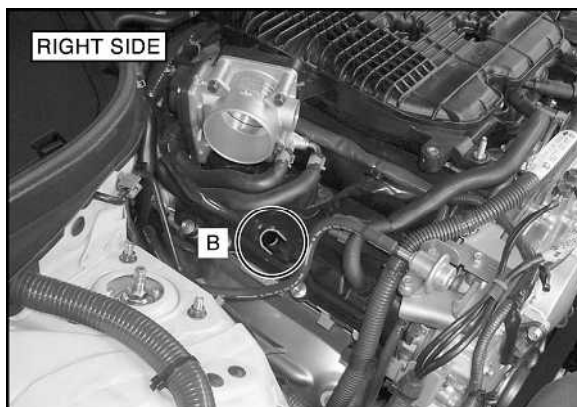
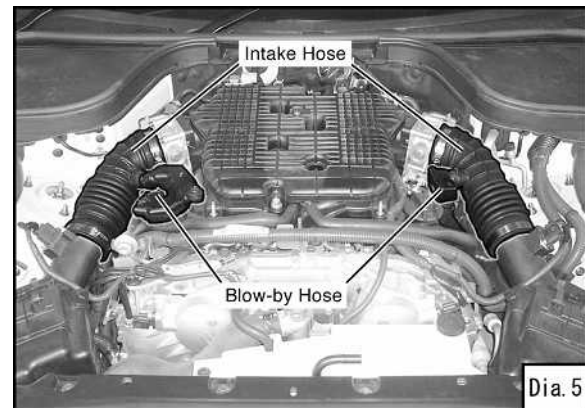
- 6) Disconnect the connector from airflow meter sensor. (Dia.3)
- 7) Remove the harness clip from the air cleaner case. (Dia.3)
- 8) Remove the bolt(s), and remove the air cleaner case. (Dia.3)
- 9) Carefully remove the airflow meter sensor from upper air cleaner case. (Dia.3)



- 1) Disconnect the negative terminal from the battery.
- 2) Remove the engine cover.(Dia.4)

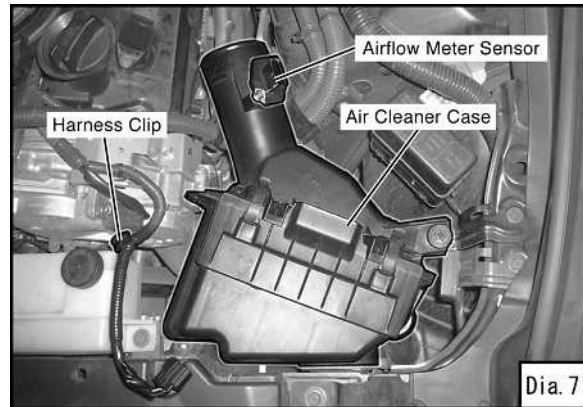


- 3) Loosen the band clamps holding the intake hoses (Right and Left). (Dia.5)
- 4) Remove the bolt from the blow-by hose. (Dia.5)
- 5) Loosen the hose clamp and remove the blow-by hose. (Dia.5) Remove the *right* engine-side hose but leave the *left* engine-side hose installed. (Dia.6)



The following procedure only depicts the removal of factory parts from the *left* side of the vehicle. Repeat this procedure for the *right* side as well.

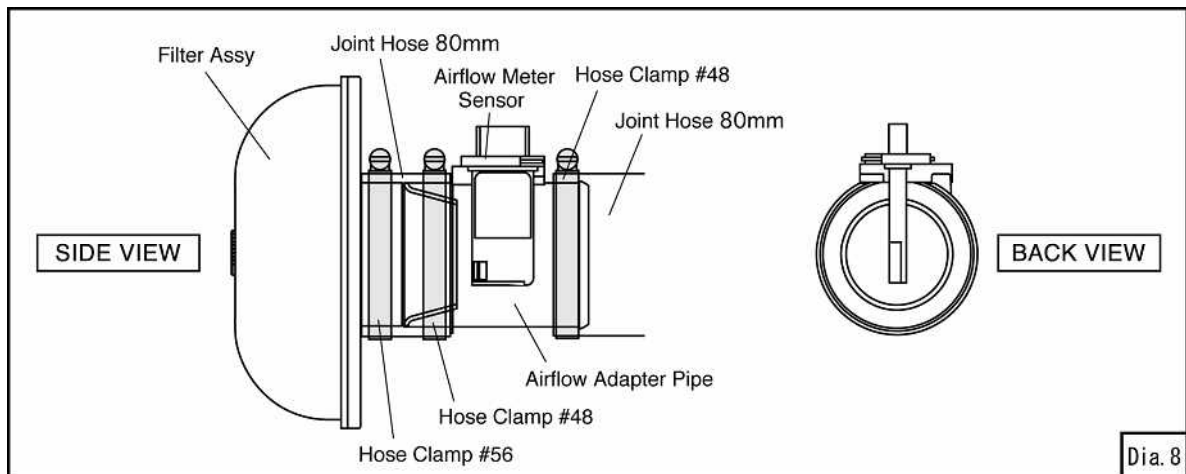
- 6) Disconnect the connector from airflow meter sensor. (Dia.7)
- 7) Remove the harness clip from the air cleaner case. (Dia.7)
- 8) Remove the bolt(s), and remove the air cleaner case. (Dia.7)
- 9) Carefully remove the airflow meter sensor from upper air cleaner case. (Dia.7)



2. INSTALLING KIT PARTS

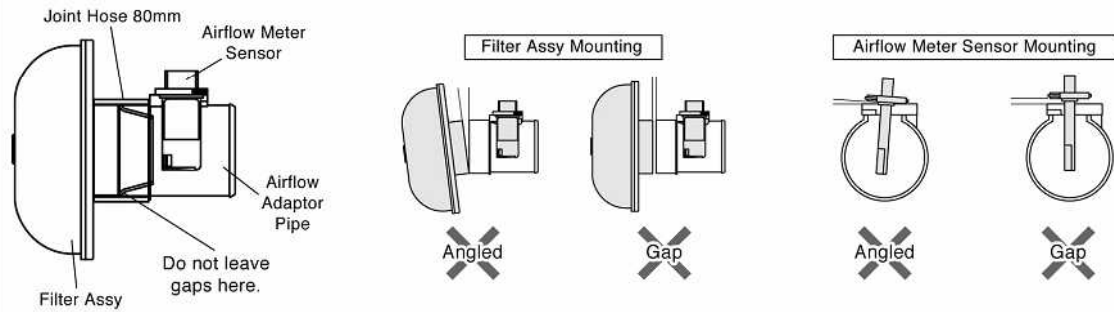
SEDAN / COUPE / Z

- 1) Assemble the components as illustrated in Diagram 8. Ensure that the factory airflow meter sensor's factory O-Ring is seated correctly, while taking caution that it does not get pinched in the airflow adapter pipe. Tighten with the supplied M4 screws. Do not over-tighten. Tightening torque: 2.0~3.0 N-m (0.2~0.3 kg-m). (Dia.8, Dia10, Dia11)



⚠ CAUTION

To avoid engine malfunction or damage, please install the airflow meter sensor, the Filter assy, and airflow adaptor pipe correctly.

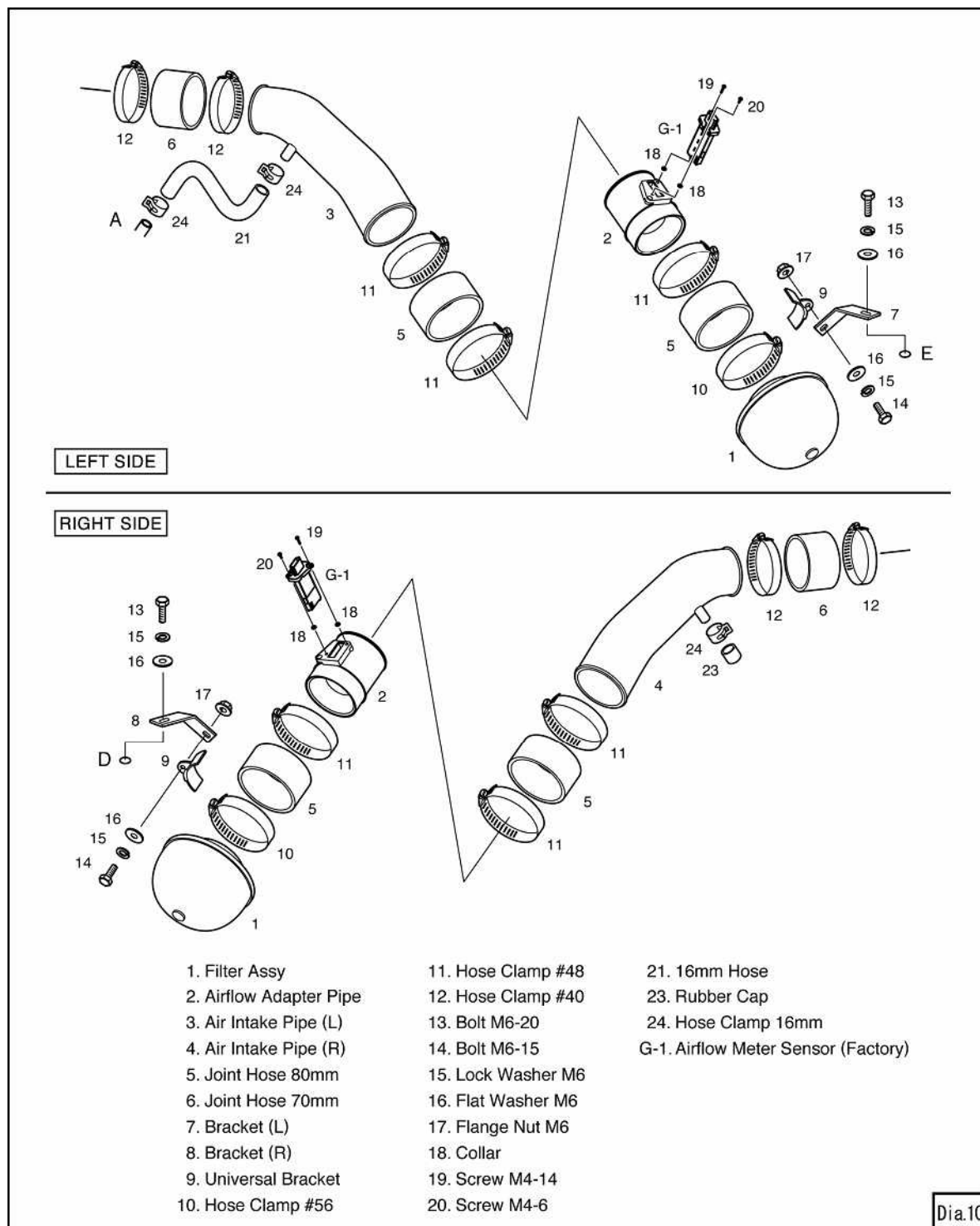


⚠ CAUTION

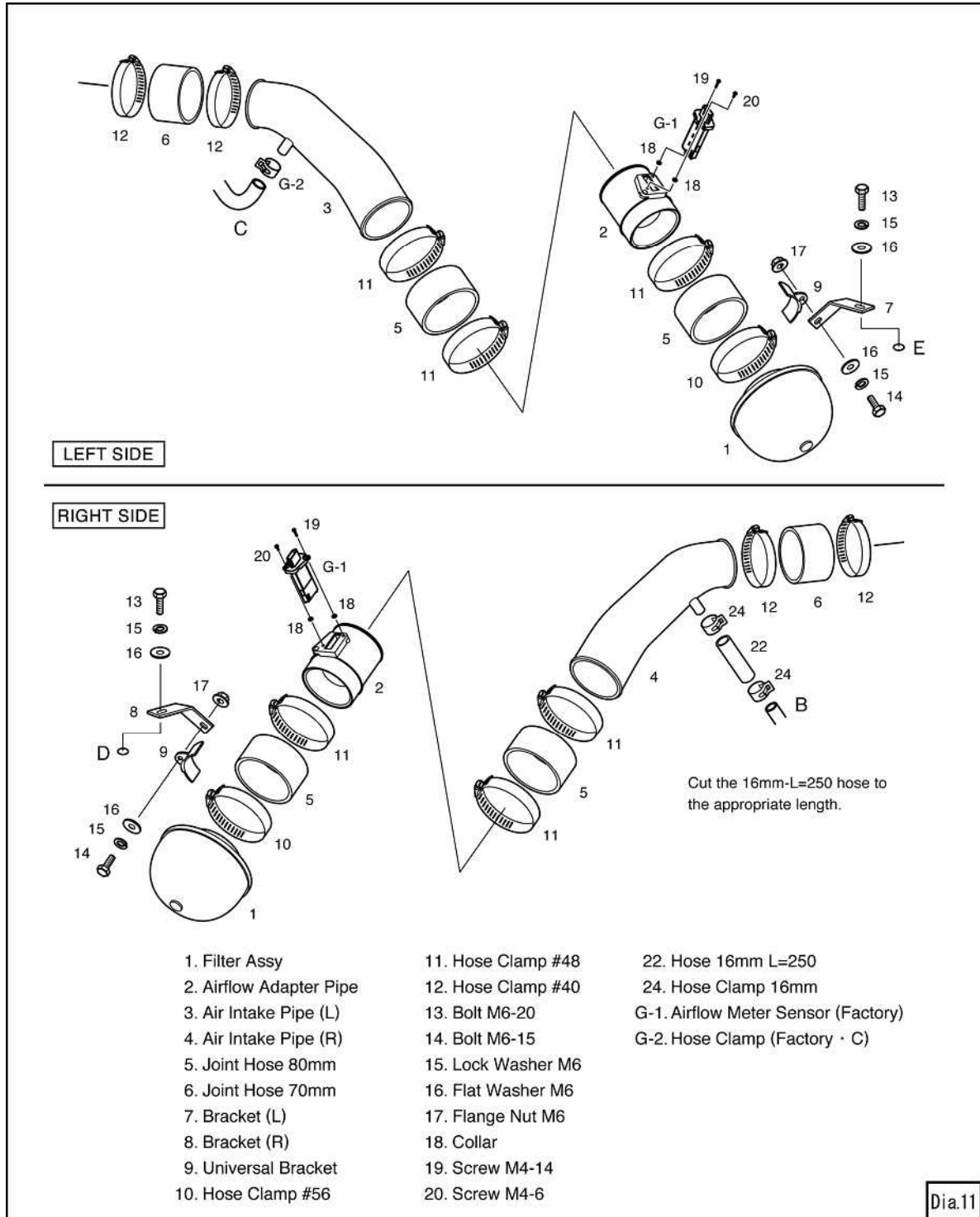
Do not remove the airflow adaptor attachment.
The seal can become degraded, which can lead to engine trouble or damage.



- 2) Temporarily install rubber cap 16mm to the nipple of air intake pipe (R). (Dia.10)
- 3) Temporarily install hose 16mm to the air intake pipe (L). (Dia.10)
- 4) Temporarily install joint hose 70mm to the throttle valve. (Dia.10)
- 5) Temporarily install kit parts to the vehicle. (Dia.9, Dia.10, Dia.12)



- 2) Cut hose 16mm L=250 properly and temporarily install it to nipple of air intake pipe (R). (Dia.11)
- 3) Temporarily install joint hose 70mm to throttle valve. (Dia.11)
- 4) Temporarily install kit parts to the vehicle. (Dia.9, Dia.11, Dia.12)
- 5) Install hose of C to air intake pipe (L). (Dia.6, Dia.11)



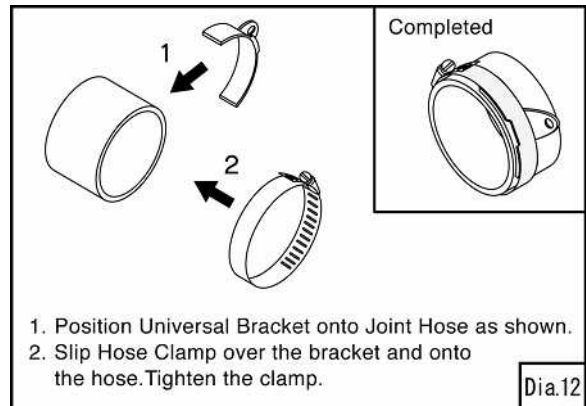
- 6) Position the air cleaner to the vehicle avoiding unnecessary contact with other parts of the vehicle. Once the position is determined, secure the air cleaner to the vehicle using the supplied hose clamps and bolts. Attach the sponge sheet where the parts might come in contact with each other. Do not over-tighten the clamps and bolts. (Dia.13)

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})

- 7) Reconnect the airflow meter sensor connector.
- 8) Reinstall the air duct. (Dia.14)
- 9) Reconnect the negative terminal to the vehicle's 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 issues idling.
- Make sure there are no loose parts after the engine is stopped.











MAINTENANCE











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 becomes damaged, have the repairs performed by a professional.
- If you experience abnormal noises, scents, or vibrations from the vehicle while driving, reference the vehicle's Owner's Manual.
- If this product is ever 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	2		150-80
2	Airflow Adaptor Pipe	2		
3	Air Intake Pipe (L)	1		Mark "L"
4	Air Intake Pipe (R)	1		Mark "R"
5	Joint Hose	4		80mm L=55
6	Joint Hose	2		70mm L=55
7	Bracket(L)	1		Mark "L"
8	Bracket(R)	1		Mark "R"
9	Universal Bracket	2		80mm
10	Hose Clamp	2		#56

No.	Description	Qty	Image	Remarks
11	Hose Clamp	6		#48
12	Hose Clamp	4		#40
13	Bolt	2		M6-20
14	Bolt	2		M6-15
15	Lock Washer	4		M6
16	Flat Washer	4		M6
17	Flange Nut	2		M6
18	Collar	4		M4
19	Screw	2		M4-14
20	Screw	2		M4-6

No.	Description	Qty	Image	Remarks
21	Hose	1		16mm
22	Hose	1		16mm L=250
23	Rubber Cap	1		16mm
24	Hose Clamp	3		16mm
25	Sponge Sheet	6		
26	Tie Wrap	5		
27	Sticker	2		
28	Instruction Manual	1		
29	Instruction Manual	1		English
30				