



Instruction Manual

NAME OF PRODUCT	Super SQV IV Black Edition Kit
PART NUMBER	71008-KH009B
APPLICATION	HONDA CIVIC TYPE-R DBA-FK8
ENGINE	K20C
YEAR	2017 / 9 ~

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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 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 impact. 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).
When reinstalling the removed factory parts, make sure to reinstall them correctly.

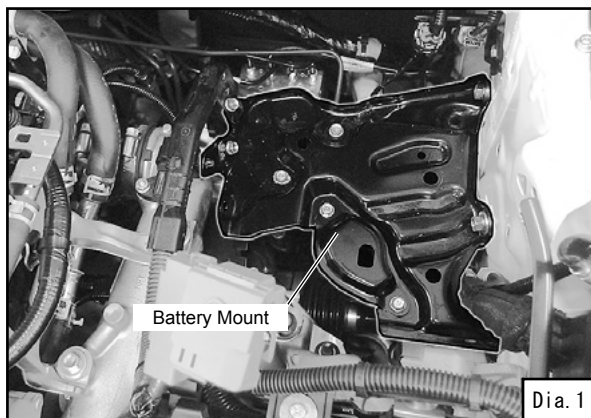
PARTS LIST

No	Description	QT	Image	Remarks	No	Description	QT	Image	Remarks	No	Description	QT	Image	Remarks
1	SSQV Assy	1			11	Flat Washer	3		M8	21	Plug	1		
2	SSQV Pipe	1			12	Bolt	1		M6-20	22	T-fitting	1		
3	SSQV Hose	1			13	Spring Washer	1		M6	23	Joint Pipe	1		6mm
4	Bracket No. 1	1			14	Flat Washer	1		M6	24	Joint Pipe	1		6-4mm
5	Bracket No. 2	1			15	Hose	1		6mm L=700	25	Hose Clamp	8		6mm
6	Hose Clamp	2		#12	16	Hose	1		4mm L=700	26	Air Filter	1		
7	Bolt	1		M8-35	17	Collar	1			27	Tie Wrap	5		
8	Bolt	1		M8-20	18	Rubber Cap	3		6mm	28	Instruction Manual	1		
9	Bolt	1		M8-15	19	Rubber Cap	1		4mm	29				
10	Spring Washer	3		M8	20	Hose Fitting	1		8mm	30				

INSTALLATION PROCEDURE

1. REMOVAL OF FACTORY PARTS

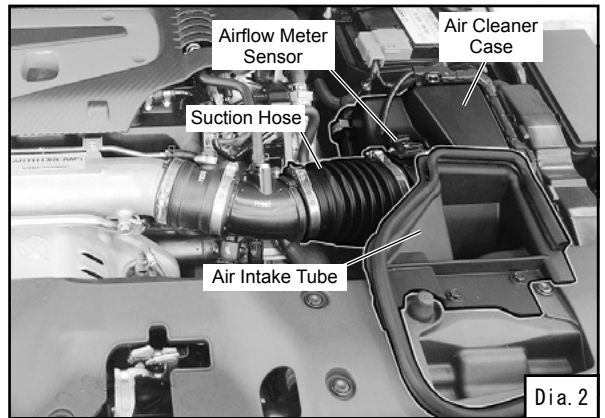
- (1) Remove the cable from the negative (-) terminal of the battery.
- (2) Remove the cable from the positive (+) terminal of the battery.
- (3) Remove the battery and the battery tray from the vehicle.
- (4) Remove the battery mount. (Dia. 1)



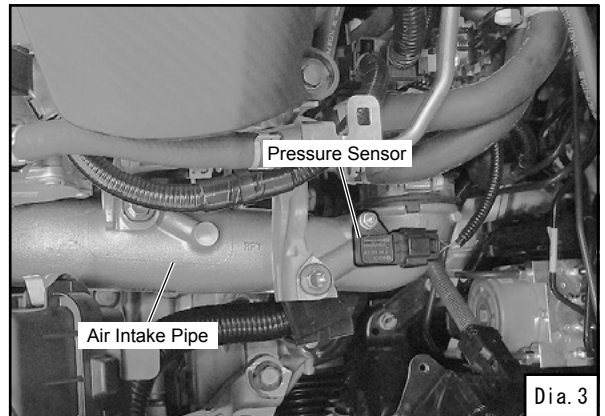
- (5) Disconnect the airflow meter sensor connector. (Dia. 2)
- (6) Loosen the hose clamp and remove the air cleaner case and the air intake tube. (Dia. 2)
- (7) Loosen the hose clamp and remove the suction hose. (Dia. 2)

ADVICE:

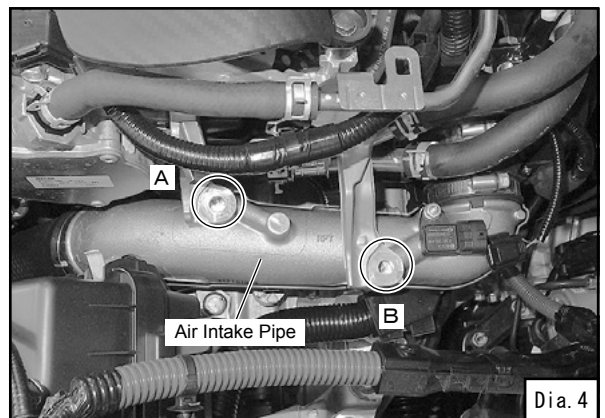
During removal and installation, make sure no foreign objects get inside the pipes and hoses.



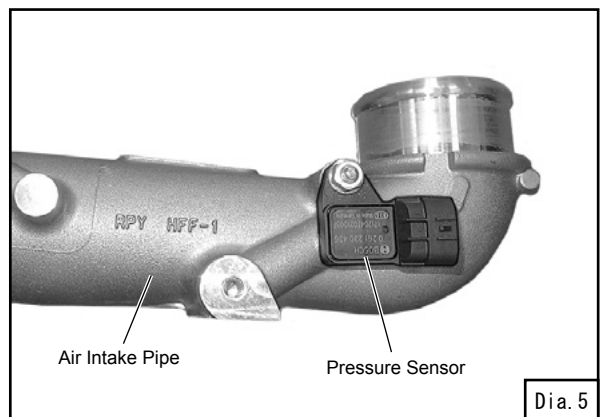
- (8) Disconnect the pressure sensor connector. (Dia. 3)



- (9) Remove 2 bolts and loosen hose clamps to remove the air intake pipe. (Dia. 3, 4)

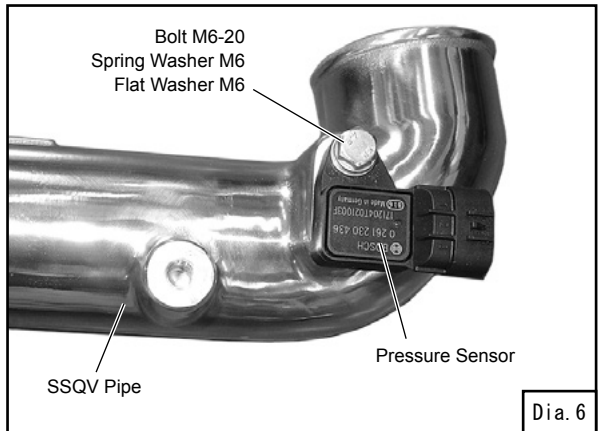


- (10) Remove the pressure sensor from the air intake pipe. (The pressure sensor will be reused.) (Dia. 5)



2. INSTALLING THE KIT

- (1) Install the factory pressure sensor to the SSQV pipe. (Dia. 6, 12)



- (2) Install the supplied 8mm hose fitting or plug. Wrap the threaded section with Teflon tape to prevent air leakage. (Dia. 7, 8, 12)

ADVICE:

Vehicle with the hose connected to the factory air intake pipe : Install the 8mm hose fitting.

Other : Install the plug.

ADVICE:

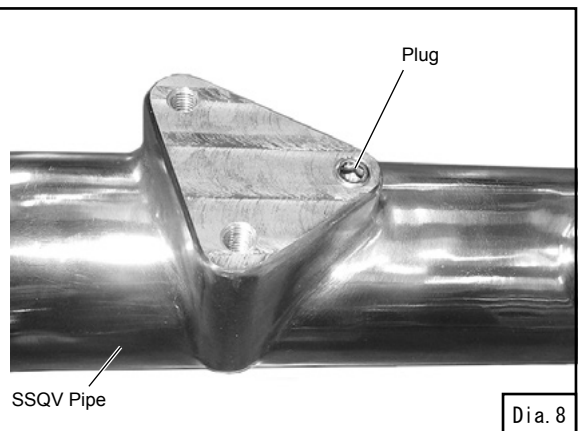
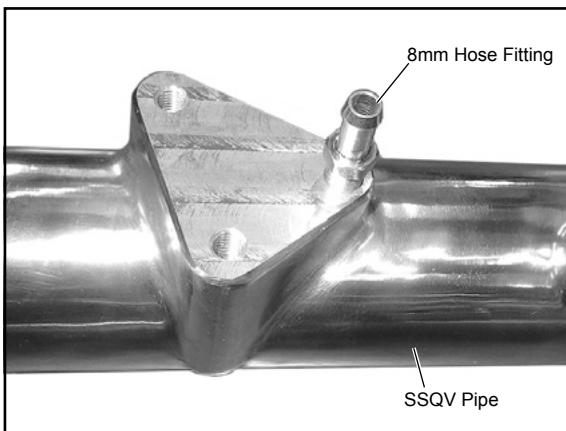
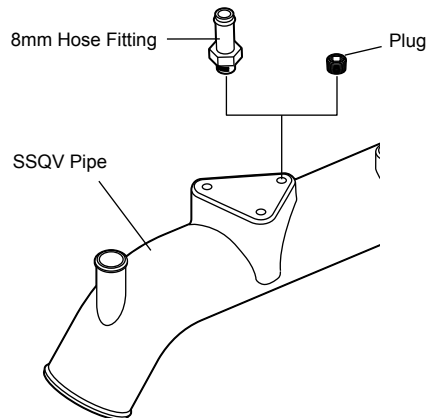
After tightening the hose fitting or the plug by hand, tighten it another one to two turns using an appropriate tools. (It is not necessary to tighten the fitting to the point where the nut touches the pipe.)

Reference : Tighen the plug until the plug's top surface is 1mm height from the mounting surface.

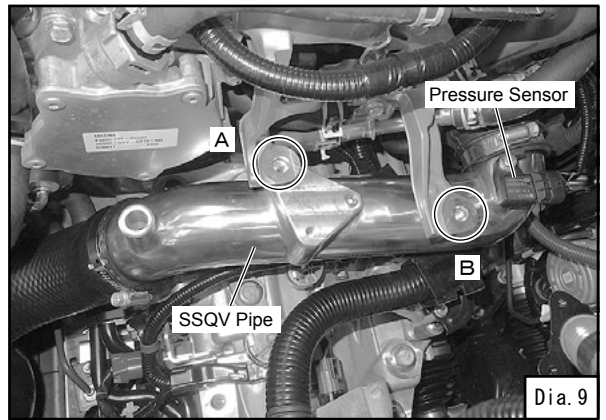
When installing the hose fitting or the plug, wrap the threaded section with Teflon tape to prevent air leakage.

After tightening the hose fitting or the plug by hand, tighten it another one to two turns using an appropriate tools. (It is not necessary to tighten the fitting to the point where the nut touches the pipe.)

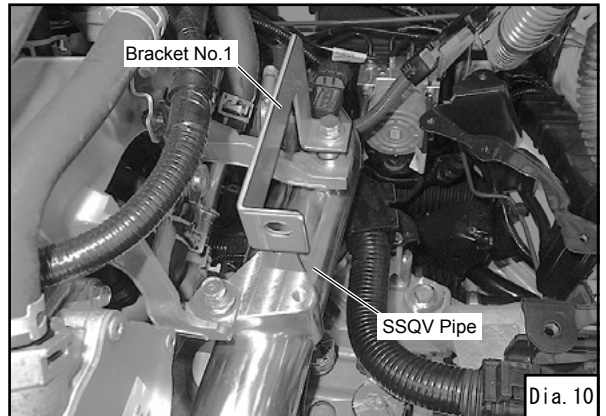
Reference : Tighen the plug until the plug's top surface is 1mm height from the mounting surface.



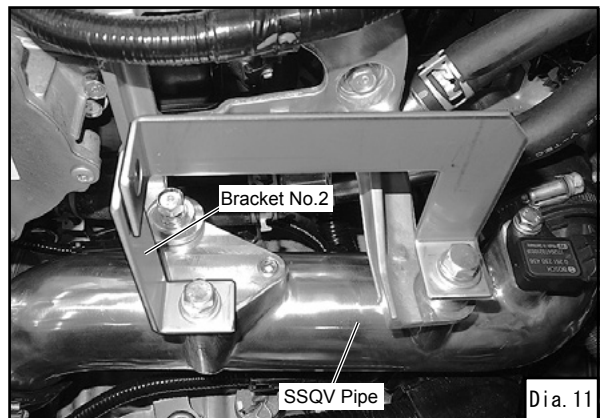
- (3) Temporarily install the SSQV pipe. (Dia. 9)
- (4) Reconnect the pressure sensor connector. (Dia. 9)
- (5) Temporarily install the factory bracket on the front side and the SSQV pipe using the factory bolt of section "A". (Dia. 9, 12)

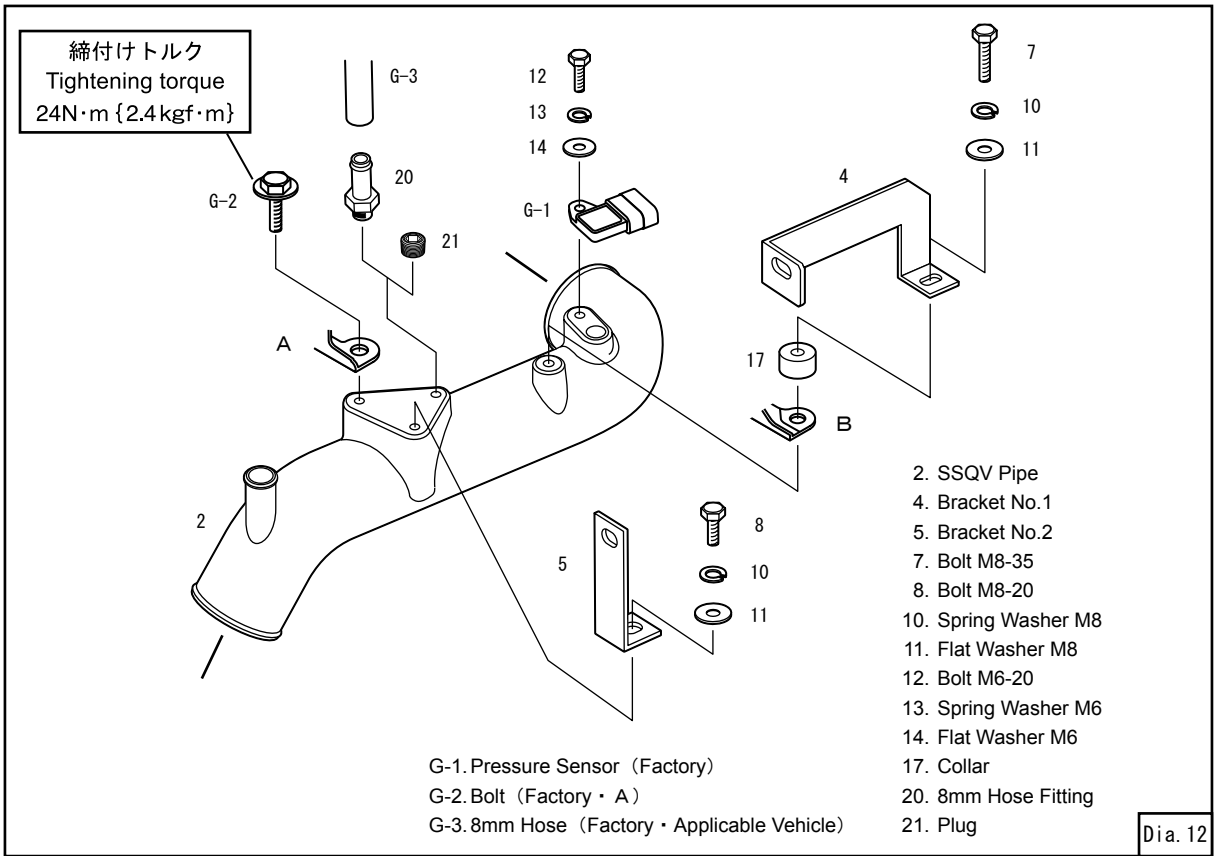


- (6) Temporarily install the factory bracket on the rear side, the bracket No.1 and the SSQV pipe using the kit parts. (Dia. 10, 12)

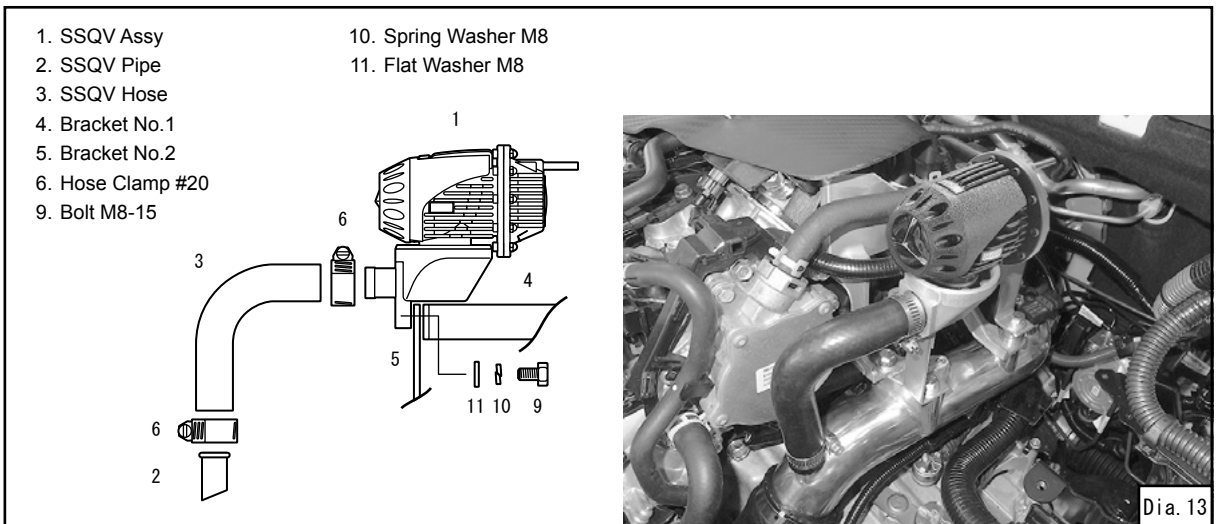


- (7) Temporarily install the bracket No.2 to the SSQV pipe. (Dia. 11, 12)





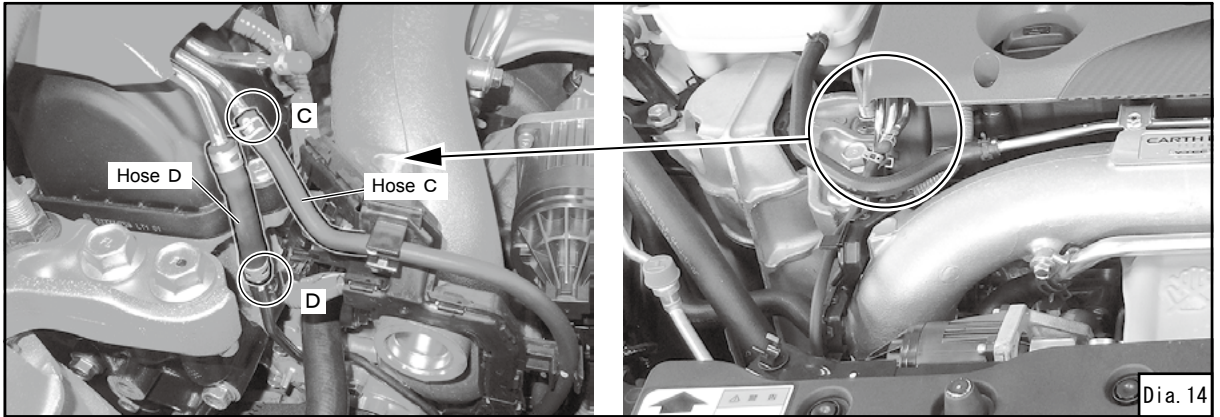
(8) Temporarily install the SSQV Assy. (Dia. 12, 13)



(9) Position the SSQV Assy where it does not come into contact with any other components.
Tighten all hose clamps, bolts to secure the SSQV Assy. (Dia. 13)

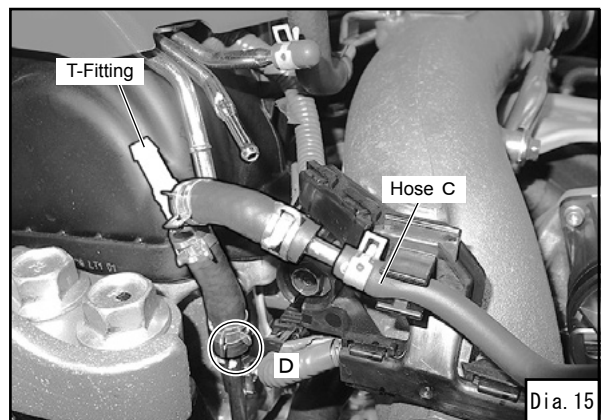
(10) Disconnect the hose C from section "C". (Dia. 14)

(11) Remove the hose D. (Dia. 14)



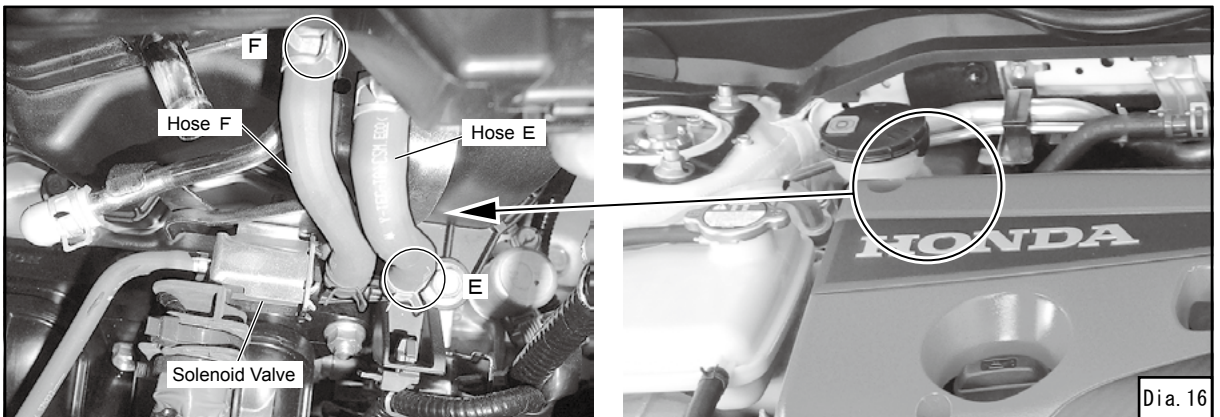
(12) Install the T-Fitting. (Dia. 15, 18)

(13) Install the rubber caps to the pipe part which the hose C and the hose D are removed. (Dia.14, 18)

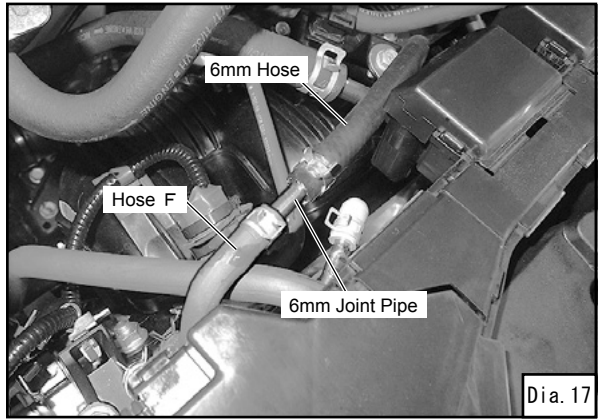


(14) Disconnect the hose F from section "F". (Dia. 16)

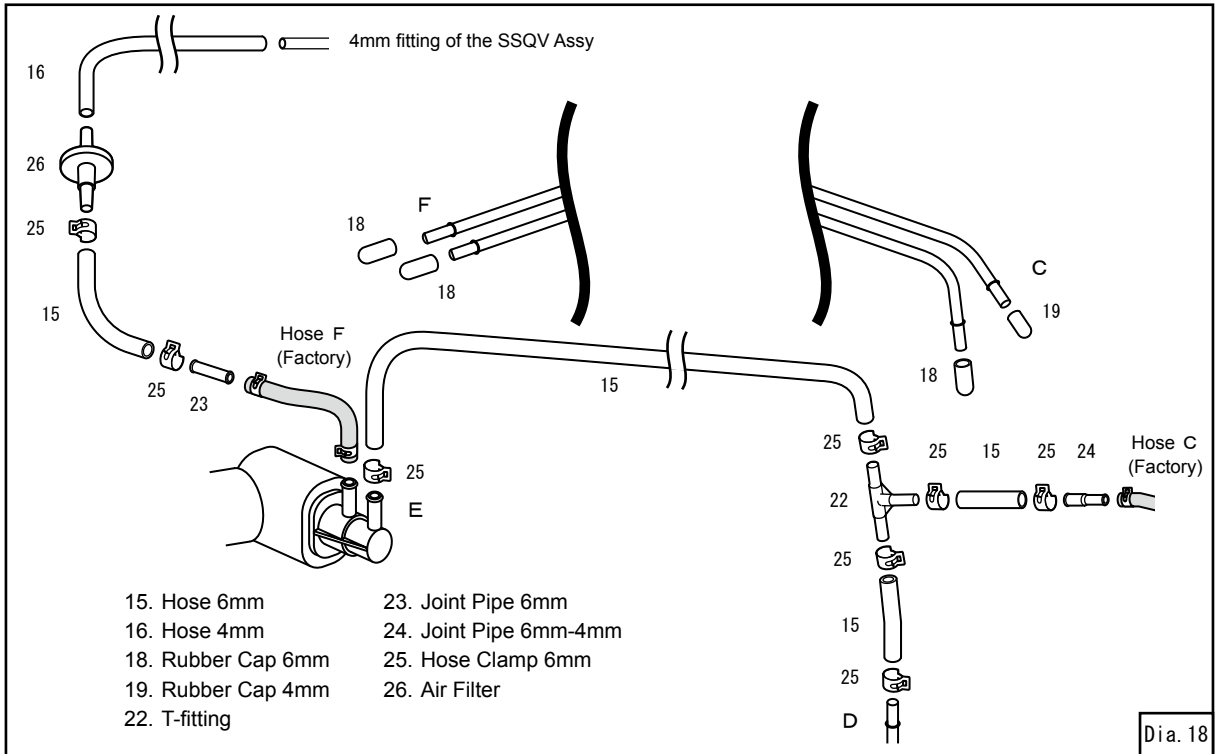
(15) Remove the hose E. (Dia. 16)



(16) Install the 6mm joint pipe and 6mm hose to the hose F. (Dia. 17, 18)



(17) Connect the section "E" with the T-Fitting installed in 2-(12) with the 6mm hose. (Dia. 18)

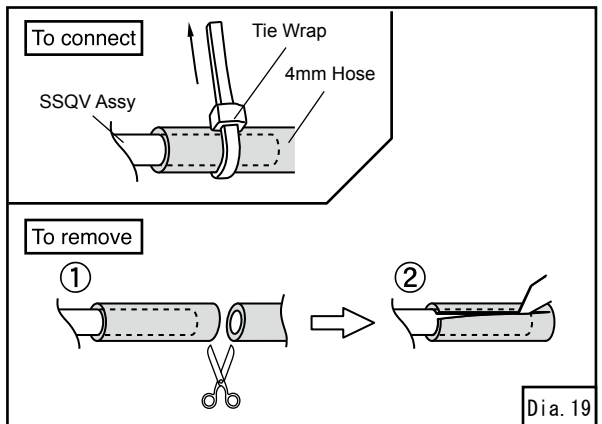


(18) Lay out the SSQV routing using the kit parts. Cut the 4mm hose to the appropriate length. (Make sure to leave some slack) (Dia. 18)

(19) Tighten the 4mm hose that connects to the SSQV Assy's fitting, and secure the hose. (Dia. 18, 19)

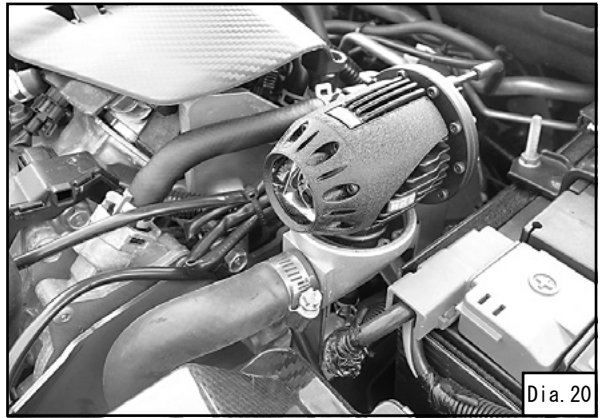
ADVICE:

When uninstalling the SSQV Assy, or when removing the 4mm Hose from the SSQV Assy, remove the Tie Wrap, cut the hose past the port on the SSQV Assy, slice the 4mm Hose length-wise, and then remove the 4mm Hose. (Dia. 19)



Do not pull or wiggle the 4mm Hose using pliers or other tools to prevent damage to the SSQV Assy.

- (20) Reinstall the removed factory parts.
- (21) Reconnect the airflow meter sensor connector.
- (22) Reinstall the battery tray and the battery.
- (23) Reconnect the battery cable to the positive (+) terminal of the battery.
- (24) Reconnect the battery cable to the negative (-) terminal of the battery.



CONFIRMATION AFTER INSTALLATION

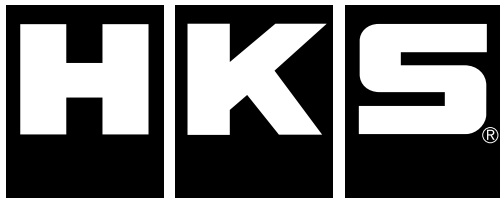
Check the following after the installation process is complete.

- (1) Check the following before starting the engine:
 - Make sure all pipes and hoses are routed and connected correctly.
 - Make sure all hose clamps are tightened.
 - Make sure the negative cable terminal is securely attached 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 after revving the engine 2-3 times while in neutral.
 - Make sure the installed parts are not hitting each other.
 - Make sure there are no unusual conditions found while idling.
 - Make sure there are no loose bolts after turning off the engine. Re-tighten if necessary.

MAINTENANCE

Proper 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 noise, smell, or vibration 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.



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