



# SUPER POWER FLOW Reloaded Intake Kit 70019-AF011 SUBARU LEGACY

Engine Type: EJ25 TURBO / Chassis Type: BM9.BR9

Model Year: 2009/5-

Ver. 20100310

## 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 connectors.

### 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 /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).
- Replace the air filter element at regular intervals:  
(Recommended) Replace every 6,000~10,000km/4,000-6,400miles or every 6~12 months.  
Replacement air filters are sold separately.  
\*Do not wash the air filters as the filtration properties will be degraded.
- 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 may not perform properly and the airflow meter sensor may not be able to detect the intake air volume accurately; it can lead to engine damage or faulty conditions.

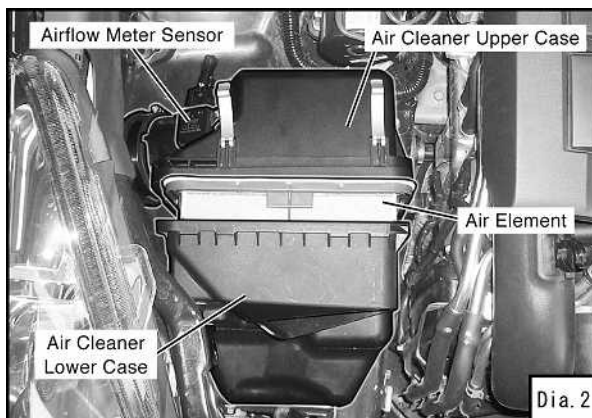
## ADVICE

- This product was designed based on and for a factory vehicle; however, additional fuel settings may be necessary depending on the vehicles specifications.  
If the airflow meter intake air temperature sensor is dirty (dirt/oil build-up or no visible shine) it can be assumed that the sensor itself is also dirty. Using automotive parts cleaner, carefully clean the sensors.

## INSTALLATION STEPS

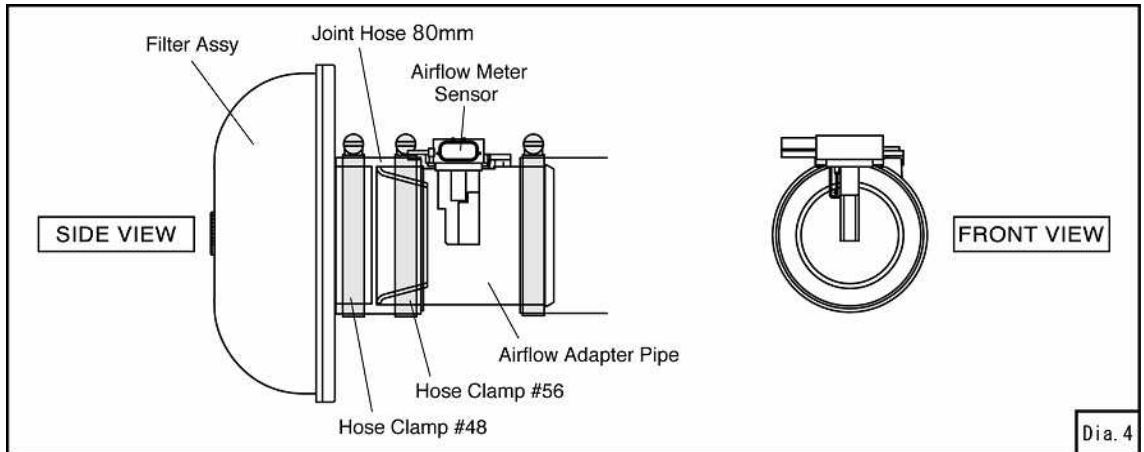
### 1. REMOVAL OF FACTORY PARTS

- 1) Disconnect the negative terminal of the vehicle's battery.
- 2) Remove 2 clips to remove the air intake duct. (Dia.1)
- 3) Disconnect the airflow meter sensor connector. (Dia.2)
- 4) Remove the air cleaner upper case and the airflow meter sensor together. (Dia.2, 3)
- 5) Remove the air element. (Dia.2)
- 6) Remove the bolt and nut to remove the air cleaner lower case. (Dia.3)  
Remove the bushing from section A.
- 7) Remove the airflow meter sensor from the air cleaner upper case. (Dia.2)



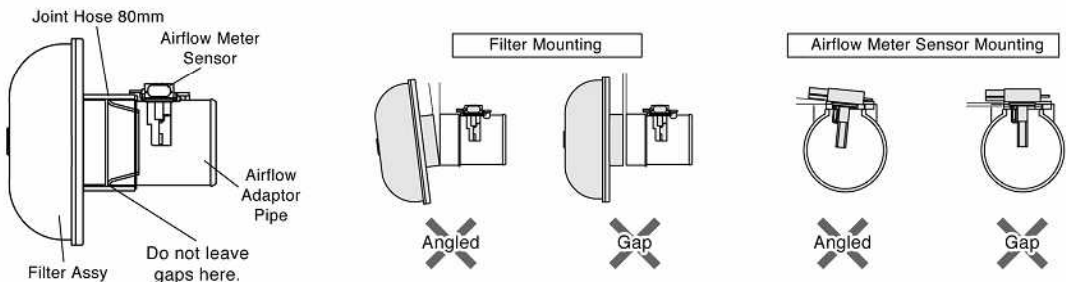
## 2. INSTALLATION OF THE KIT

- 1) Assemble the components as illustrated in Diagram 4. Ensure that the factory airflow meter sensor's factory O-Ring is seated correctly, while making sure 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.4, 6)



### ⚠ CAUTION

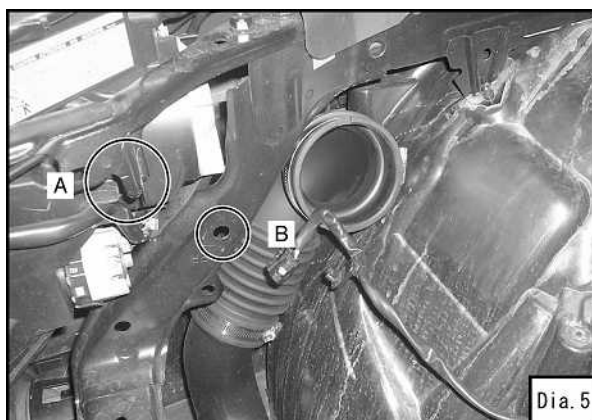
To avoid engine malfunction or damage, please install the airflow meter sensor, the filter assy, and airflow adapter pipe correctly.



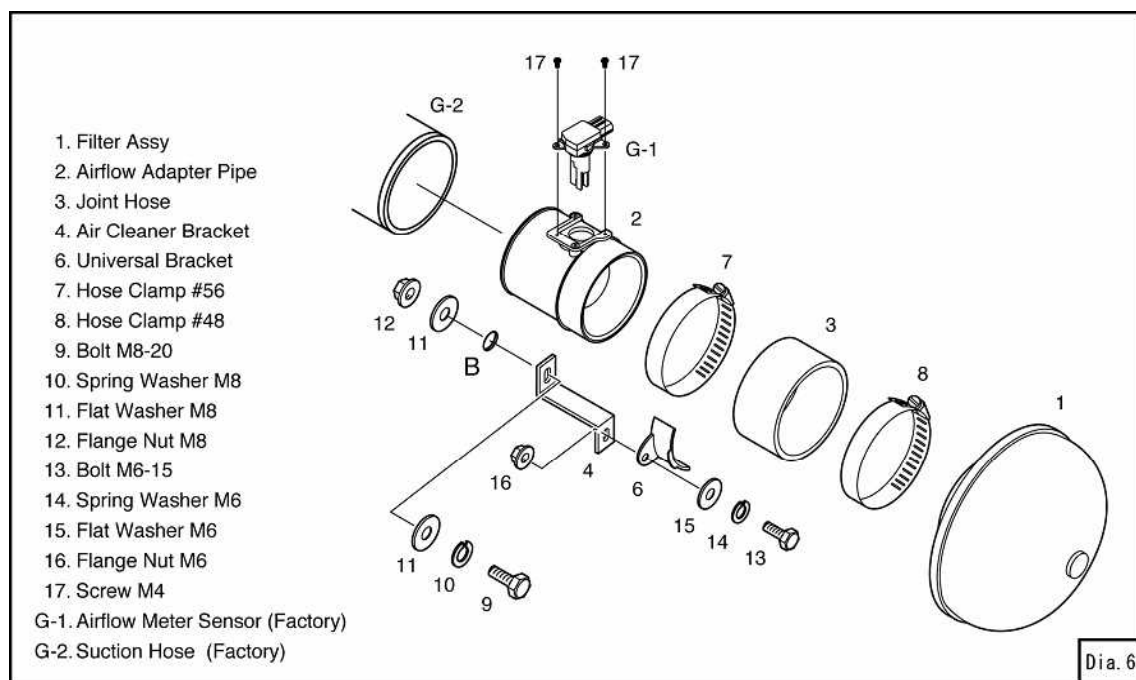
### ⚠ CAUTION

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

- 2) Temporarily install the air cleaner bracket to section B. (Dia.5, 6)



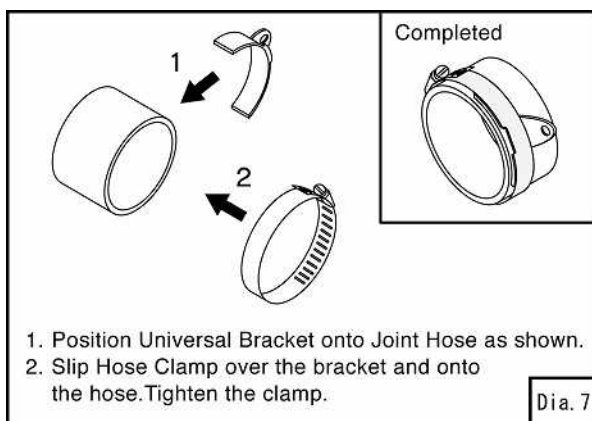
- 3) Temporarily assemble the kit parts. (Dia.6, 7)



- 4) Position the assembly to the vehicle, avoiding unnecessary contact with other parts of the vehicle. Once the position is determined, secure the assembly to the vehicle using the supplied hose clamps and bolts. Do not over-tighten the clamps and bolts. (Dia.8)

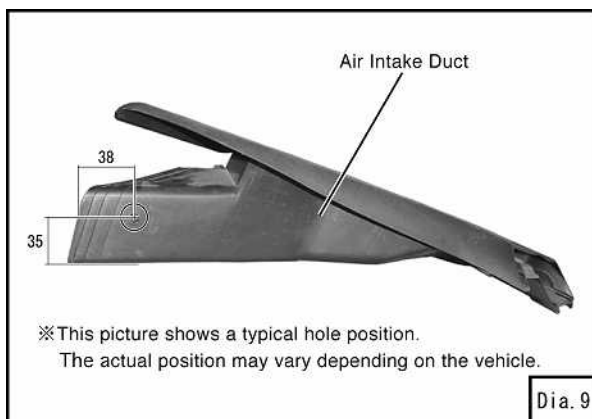
#### ADVICE:

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

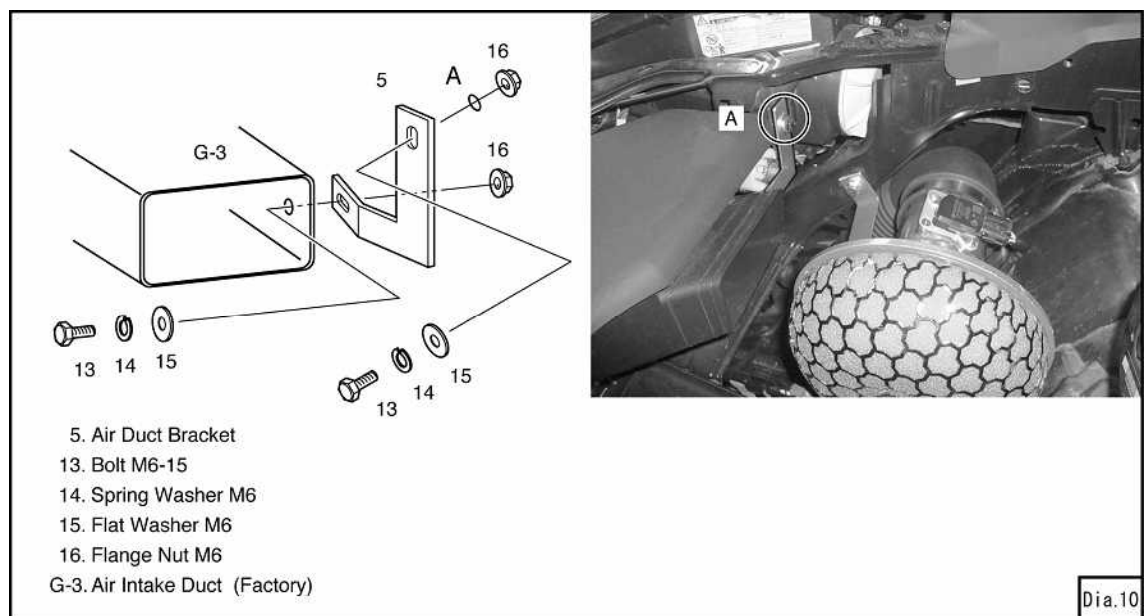




5) Drill a 7mm hole on the air intake duct referring to diagram 9.(Dia.9)

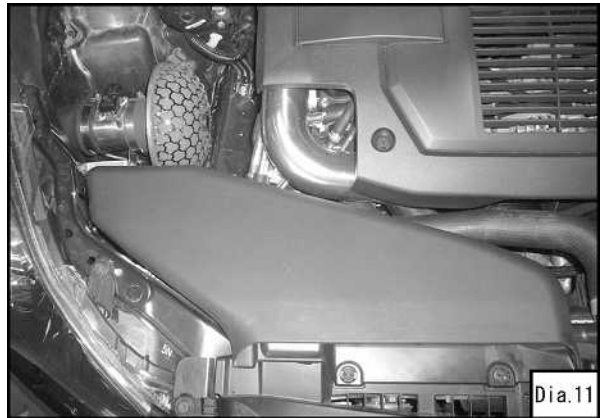


6) Install the air intake duct. (Dia.10, 11)



7)Reconnect the airflow meter sensor connector.

8)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 idling issues.
- Make sure there are no loose bolts once the engine is turned off (re-tighten if necessary).







### MAINTENANCE:

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 with a professional.
- In order to maintain the performance of the kit, routine filter element replacement is necessary. Recommended replacement intervals are every 6,000~10,000km/4,000-6,400miles or every 6~12 months. However, there are certain conditions where, depending on dirt buildup, the filter element may need to be replaced earlier than the above recommended intervals. Replacement filter elements are sold separately.
- If the vehicle becomes damaged, have the repairs performed by a professional.
- If you experience any abnormal noise, scent, or vibration from the vehicle while driving, reference the vehicle's Service Manual.
- If this product is ever sold, please give this Instruction Manual to the new owner.
- When removing this product from the vehicle, it is recommended to consult with a professional.

## PARTS LIST

No.	Description	QT	Image	Remarks
1	Filter Assy	1		200-80mm
2	Airflow Adapter Pipe	1		
3	Joint Hose	1		80mm L=55
4	Air Cleaner Bracket	1		
5	Air Duct Bracket	1		
6	Universal Bracket	1		80mm
7	Hose Clamp	1		#56
8	Hose Clamp	1		#48
9	Bolt	1		M8-20
10	Spring Washer	1		M8
11	Flat Washer	2		M8

No.	Description	QT	Image	Remarks
12	Flange Nut	1		M8
13	Bolt	3		M6-15
14	Spring Washer	3		M6
15	Flat Washer	3		M6
16	Flange Nut	3		M6
17	Screw	2		M4-6
18	Tie Wrap	5		
19	Instruction Manual	1		
20	Caution Sheet			
21				
22				