

ATTENTION:GENERAL MANAGER
CLAIMS PERSONNEL PARTS MANAGER
SERVICE MANAGER

SUBARU 

IMPORTANT - All Service Personnel Should Read and Initial

SERVICE BULLETIN

APPLICABILITY: 1999 Legacy 2.2L (Except
California Models)
1999 Impreza 2.2L & 2.5L (All)
1999 Forester 2.5L (All)

NUMBER: 11-67-02
DATE: 02/21/02

SUBJECT: Air Flow Meter Sensing Unit Availability

INTRODUCTION

There is a replacement **Air Flow Meter Sensing Unit**, Part Number 22794AA000, now available through your normal parts channels. This part should be used to repair the airflow meter, unless there is damage to the housing. This part was previously supplied only as part of the air flow meter housing assembly, part number 22680AA290.

NOTE: Failure to use an OEM air filter 16546AA020 could result in damage to the new **Air Flow Meter Sensing Unit**.

REPLACEMENT PROCEDURE

Replacement procedure of the **Air Flow Meter Sensing Unit**.

1. Disconnect the air flow meter connector.
2. Loosen the air intake clamp.
3. Loosen clamps for the air cleaner housing.
4. Remove the air intake housing from the engine compartment.
5. Clean the area around the **Air Flow Meter Sensing Unit** to ensure no dirt enters the air flow meter housing.
6. Remove the two tamper resistant TORX head screws (TR20) securing the sensor to the air flow meter body. **Caution:** use the proper TORX tool designed for tamper resistant TORX head screws.
7. Remove the **Air Flow Meter Sensing Unit** from the air flow meter body.

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CAUTION: VEHICLE SERVICING PERFORMED BY UNTRAINED PERSONS COULD RESULT IN SERIOUS INJURY TO THOSE PERSONS OR TO OTHERS.

Subaru Service Bulletins are intended for use by professional technicians ONLY. They are written to inform those technicians of conditions that may occur in some vehicles, or to provide information that could assist in the proper servicing of the vehicle. Properly trained technicians have the equipment, tools, safety instructions, and know-how to do the job correctly and safely. If a condition is described, DO NOT assume that this Service Bulletin applies to your vehicle, or that your vehicle will have that condition.

Installation of the new Air Flow Meter Sensing Unit.

1. Install the new **Air Flow Meter Sensing Unit**. Make sure the “O” ring is seated properly during installation of the **Air Flow Meter Sensing Unit**. (Failure to seat the “O” ring will cause a vacuum leak)
2. Tighten the TORX screws (TR20) to (3.53-4.61Nm) (0.36-0.47 kgf/m) or (2.60-3.40 ft-lbs). **Caution:** use the proper TORX tool designed for tamper resistant TORX head screws.
3. Reinstall the air intake housing back into the engine compartment. Ensure clamps are tightened properly; failure to do so will cause a vacuum leak.
4. Reconnect the vehicle wire harness to the Air Flow Meter Sending Unit.

Starting the engine after installing the Air Flow Meter Sensing Unit.

1. Connect the new select monitor and clear the memory before starting the engine.
2. Start the engine and warm the engine coolant to over 80°C (176°F).
3. Turn on the air conditioner. Do **NOT** depress the accelerator pedal.
4. Automatic transmission models - shift in to Drive range and maintain an idle for 3 minutes. Use brakes as needed.
5. Manual transmission models - maintain engine idle for 3 minutes.
6. Turn off the air conditioner and allow the engine to idle for 3 minutes.
7. Confirm the engine idle is stable.

CLAIM INFORMATION

Note: For vehicles within the warranty period, refer to the Warranty Labor Time Guide for claim information.

FAIL CODE	OPERATION #	TIME
DDR-40	A455-101	0.8