

**ATTENTION:**

GENERAL MANAGER  PARTS MANAGER   
 CLAIMS PERSONNEL  SERVICE MANAGER

*IMPORTANT - All Service Personnel Should Read and Initial*




## SERVICE BULLETIN

**APPLICABILITY:** 1999 Impreza Service Manual

**NUMBER:** 18-59-00

**SUBJECT:** Service Manual Corrections

**DATE:** 03/12/00

Replace the following revised pages into the applicable Service Manuals listed below:

YEAR	VOL #	MSA #	SECTION	PAGES	REFERENCE
1999	12	MSA5T9905A	2-7	459-460	[T11T4]/[T11T5]

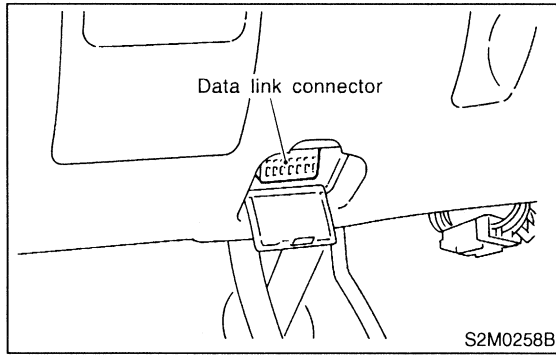
### CAUTION

**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.

**11T5 : CHECK ENGINE COOLANT TEMPERATURE SENSOR. < REF. TO 2-7 [T11H0].> OR <REF. TO 2-7 [T11I0].>**

- 1) Turn ignition switch to OFF.
- 2) Connect the Subaru Select Monitor or the OBD-II general scan tool to data link connector.



- 3) Start the engine and warm-up completely.
- 4) Read data of engine coolant temperature sensor signal using Subaru Select Monitor or OBD-II general scan tool.

## NOTE:

- Subaru Select Monitor  
For detailed operation procedure, refer to the "READ CURRENT DATA SHOWN ON DISPLAY FOR ENGINE". <Ref. to 2-7 [T3C4].☆7>
- OBD-II general scan tool  
For detailed operation procedures, refer to the OBD-II General Scan Tool Instruction Manual.

**(CHECK)** : **Is temperature greater than 60°C (140°F)?**

**(YES)** : Go to step **11T6**.

**(NO)** : Replace engine coolant temperature sensor. <Ref. to 2-7 [W5A2].☆7>

**11T6 : CHECK MASS AIR FLOW SENSOR.**

- 1) Start the engine and warm-up engine until coolant temperature is greater than 60°C (140°F).
- 2) Place the selector lever in "N" or "P" position.
- 3) Turn A/C switch to OFF.
- 4) Turn all accessory switches to OFF.
- 5) Read data of mass flow sensor signal using Subaru Select Monitor or OBD-II general scan tool.

## NOTE:

- Subaru Select Monitor  
For detailed operation procedure, refer to the "READ CURRENT DATA SHOWN ON DISPLAY FOR ENGINE". <Ref. to 2-7 [T3C4].☆7>
- OBD-II general scan tool  
For detailed operation procedures, refer to the OBD-II General Scan Tool Instruction Manual.

## Specification:

Engine speed	Specified value
Idling	8.0 – 14.0 (g/sec)
2,500 rpm	26.0 – 36.0 (g/sec)

**(CHECK)** : **Is the voltage within the specifications?**

**(YES)** : Contact with SOA service.

## NOTE:

Inspection by DTM is required, because probable cause is deterioration of multiple parts.

**(NO)** : Replace mass air flow sensor. <Ref. to 2-7 [W2A0].☆7>