

General Description

POWER ASSISTED SYSTEM (POWER STEERING) (DIAGNOSTICS)

3. General Description

A: CAUTION

1. SRS AIRBAG SYSTEM

The airbag system wiring harness is routed near the power steering control module.

CAUTION:

- Do not use the electrical test equipment on the airbag system wiring harnesses or connector circuits.
- Be careful not to damage the airbag system wiring harness during maintenance of the power steering control module.

B: INSPECTION

Before performing diagnosis, check the following items which might be affecting the power steering problem.

1. BATTERY

Measure the battery voltage and check electrolyte.

Standard voltage: 12 V or higher (must not drop below 10 V during operation under electrical load)

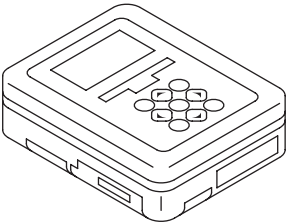
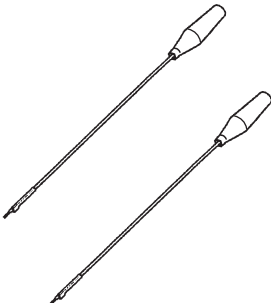
Specific gravity: 1.260 or more

2. TIRES

Check the tire specifications, tire wear and air pressure. <Ref. to WT-2, SPECIFICATION, General Description.>

C: PREPARATION TOOL

1. SPECIAL TOOL

ILLUSTRATION	TOOL NUMBER	DESCRIPTION	REMARKS
 ST1B022XU0	1B022XU0	SUBARU SELECT MONITOR III KIT	Used for troubleshooting the electrical system.
 ST34199AG100	34199AG100	SPECIAL TOOL HARNESS	Used for troubleshooting the electrical system.

2. GENERAL TOOL

TOOL NAME	REMARKS
Circuit tester	Used for measuring resistance, voltage and current.
Oscilloscope	Used for measuring the sensor.