

## 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

Check the battery. <Ref. to SC(H4DO(w/o HEV))-53, INSPECTION, Battery.>

##### NOTE:

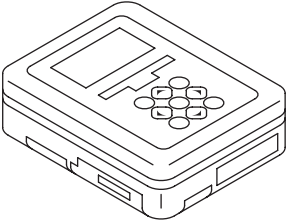
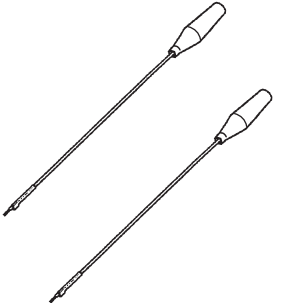
For HEV model, check the 12 volt auxiliary battery. <Ref. to SC(H4DO(HEV))-43, INSPECTION, Battery.>

##### 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 setting of each function and troubleshooting for electrical system.  NOTE: For detailed operation procedures of SUBARU SELECT MONITOR III, refer to "PC application help for Subaru Select Monitor".
 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.