

General Description

AIRBAG SYSTEM (DIAGNOSTICS)

3. General Description

A: CAUTION

Refer to "CAUTION" in "General Description" in Airbag System. <Ref. to AB-4, CAUTION, General Description.>

B: INSPECTION

Measure the battery voltage and check electrolyte.

Standard voltage: 12 V

Specific gravity: 1.260 or more

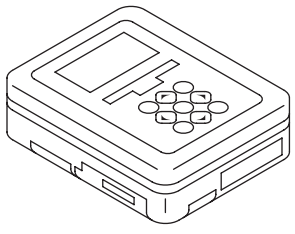
General Description

C: PREPARATION TOOL

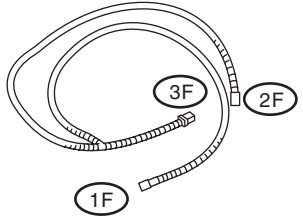
CAUTION:

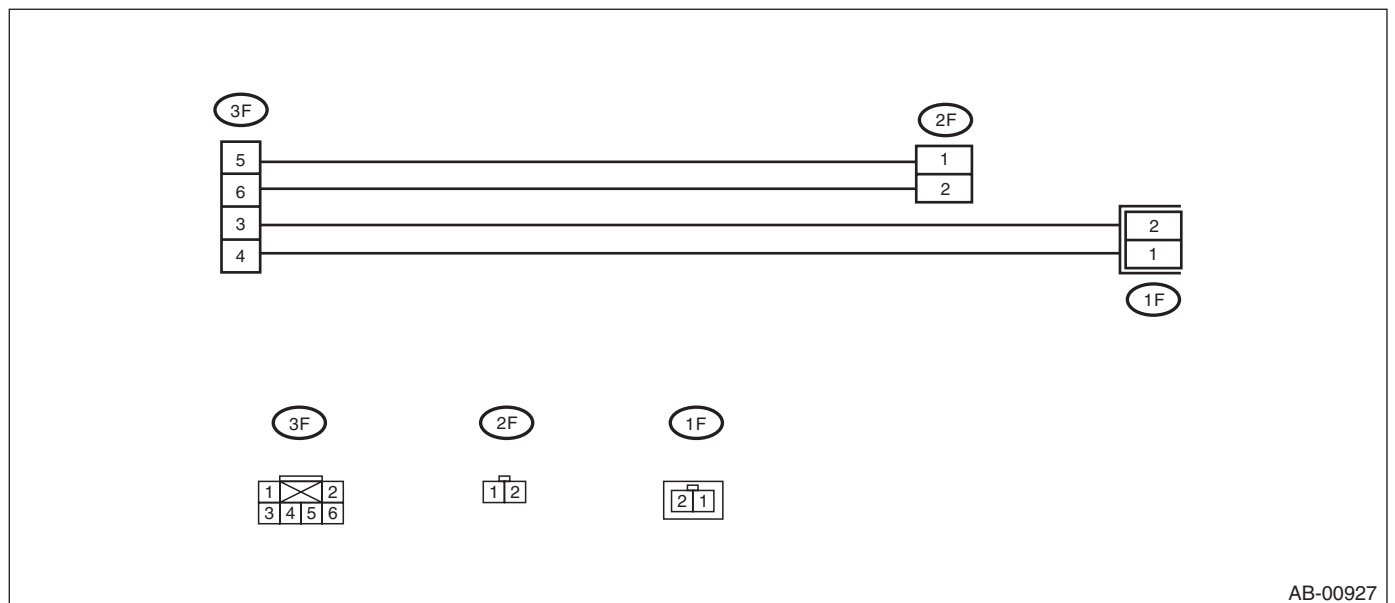
To measure the voltage and resistance of airbag system component, be sure to use the specified test harness.

1. SPECIAL TOOL

ILLUSTRATION	TOOL NUMBER	DESCRIPTION	REMARKS
 <p>ST1B022XU0</p>	1B022XU0	SUBARU SELECT MONITOR III KIT	Used for troubleshooting the electrical system.

• TEST HARNESS F

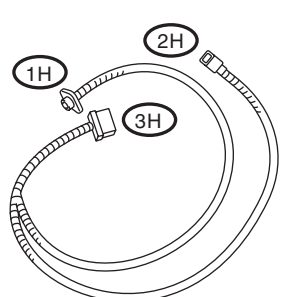
ILLUSTRATION	TOOL NUMBER	DESCRIPTION	REMARKS
 <p>ST98299FC010</p>	98299FC010	TEST HARNESS F	Used when measuring voltage and resistance of the side airbag module harnesses.

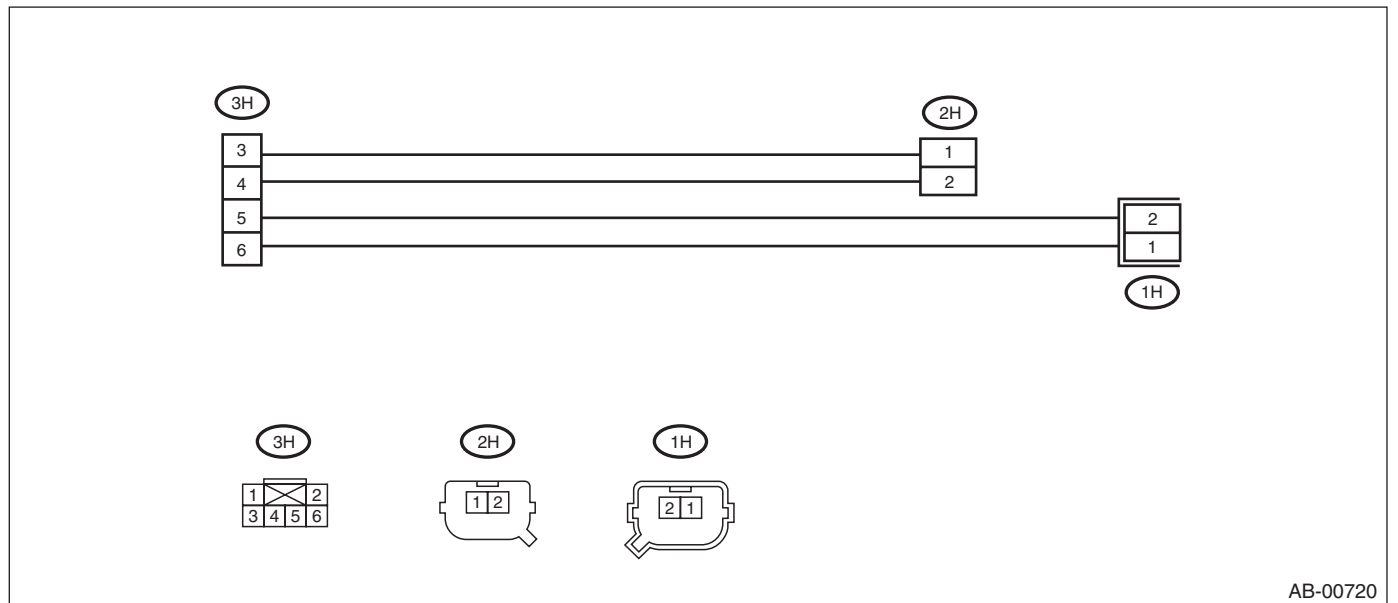


General Description

AIRBAG SYSTEM (DIAGNOSTICS)

- TEST HARNESS H

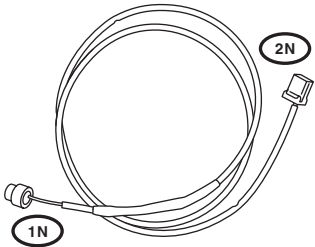
ILLUSTRATION	TOOL NUMBER	DESCRIPTION	REMARKS
 <p>ST98299FA030</p>	98299FA030	TEST HARNESS H	Used when measuring voltage and resistance of front sub sensor, seat position sensor and satellite safing sensor.

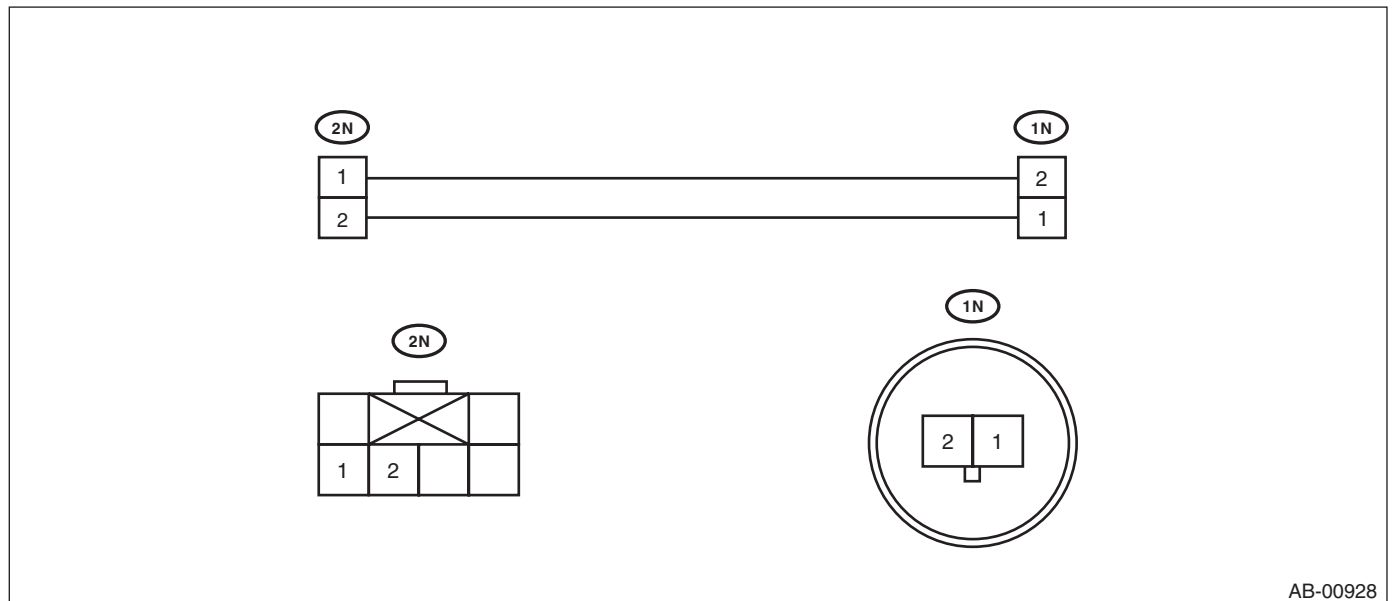


General Description

AIRBAG SYSTEM (DIAGNOSTICS)

- TEST HARNESS N

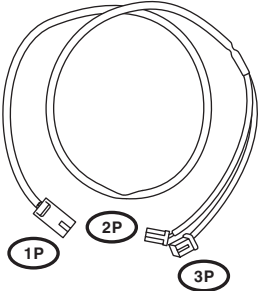
ILLUSTRATION	TOOL NUMBER	DESCRIPTION	REMARKS
 <p>ST98299SA000</p>	98299SA000	TEST HARNESS N	Used when measuring voltage and resistance of driver's airbag module, seat belt pretensioner and curtain airbag module.

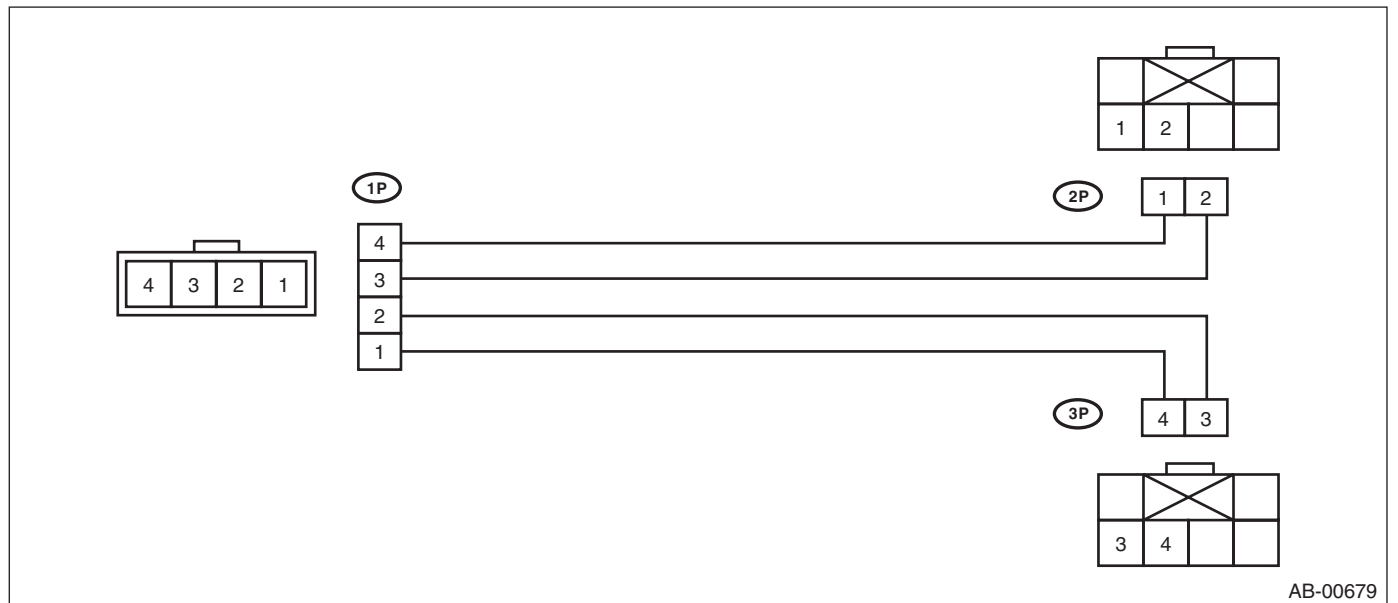


General Description

AIRBAG SYSTEM (DIAGNOSTICS)

- TEST HARNESS P

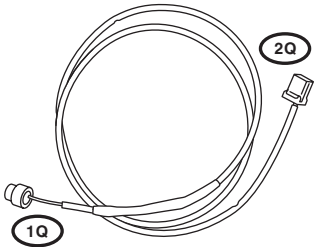
ILLUSTRATION	TOOL NUMBER	DESCRIPTION	REMARKS
 <p>ST98299SA020</p>	98299SA020	TEST HARNESS P	Used when measuring voltage and resistance of driver's airbag module harness and passenger's airbag module harness.

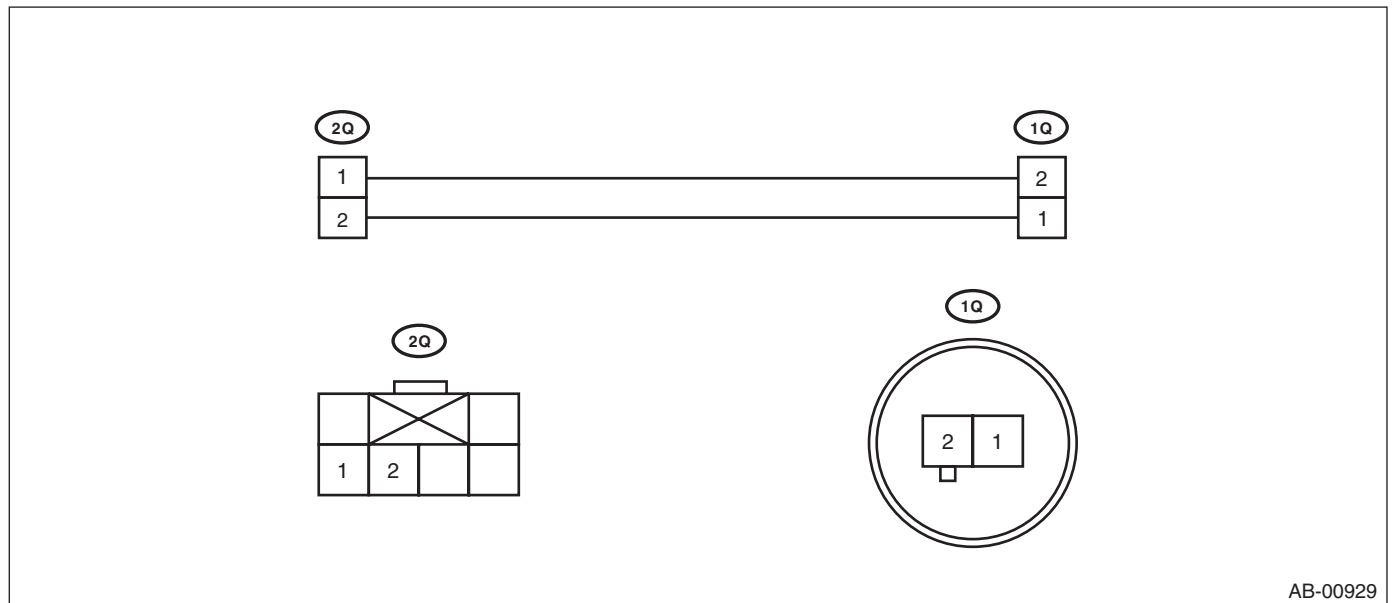


General Description

AIRBAG SYSTEM (DIAGNOSTICS)

- TEST HARNESS Q

ILLUSTRATION	TOOL NUMBER	DESCRIPTION	REMARKS
 <p data-bbox="326 558 467 579">ST98299SA040</p>	98299SA040	TEST HARNESS Q	Used when measuring voltage and resistance of driver's airbag module.



General Description

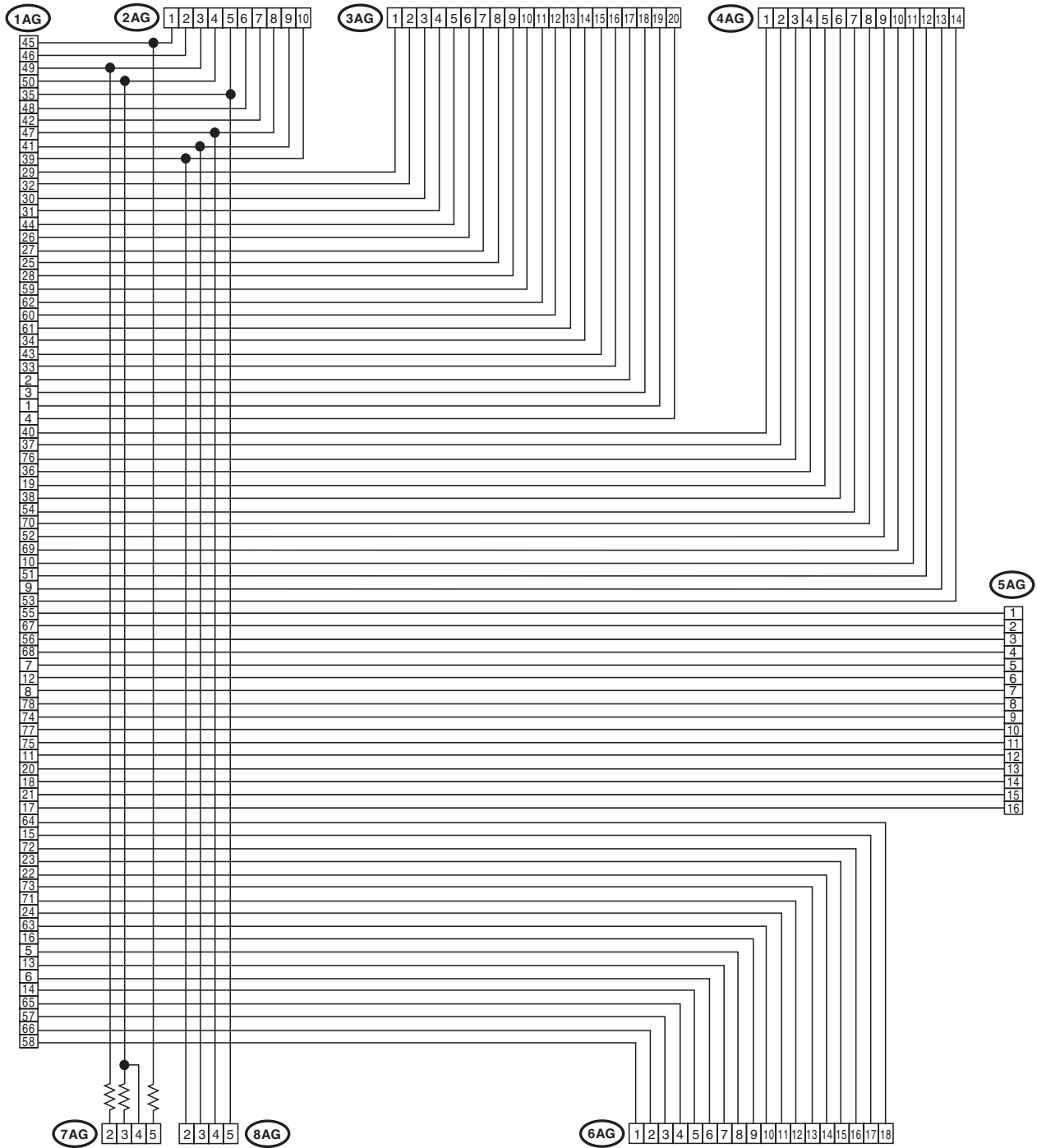
AIRBAG SYSTEM (DIAGNOSTICS)

- TEST HARNESS AG

ILLUSTRATION	TOOL NUMBER	DESCRIPTION	REMARKS
 <p>ST98299AG070</p>	98299AG070	TEST HARNESS AG	Used when measuring voltage and resistance of airbag control module.

General Description

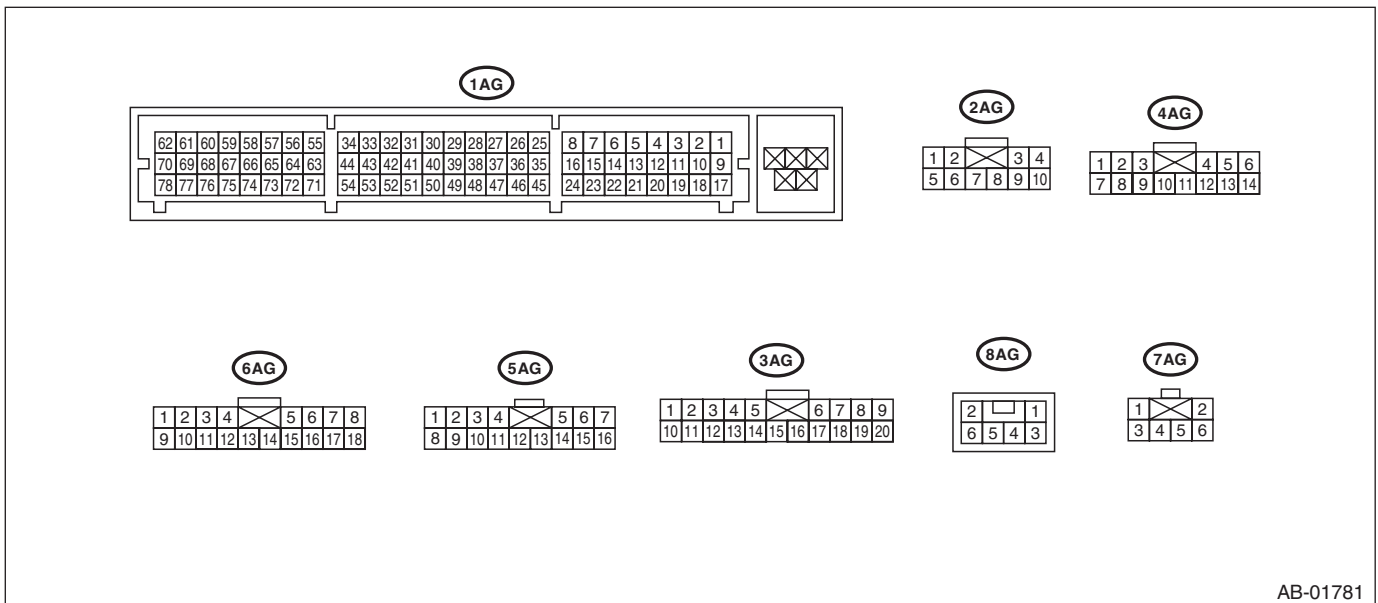
AIRBAG SYSTEM (DIAGNOSTICS)



AB-01872

General Description

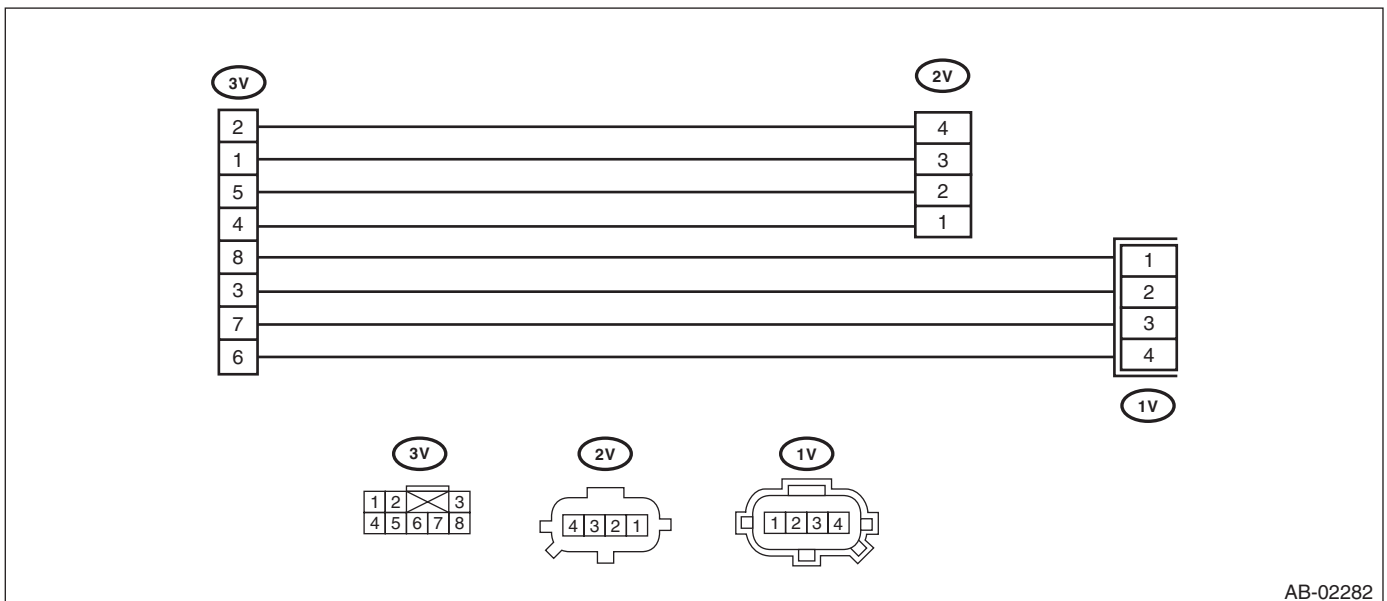
AIRBAG SYSTEM (DIAGNOSTICS)



AB-01781

• TEST HARNESS V

ILLUSTRATION	TOOL NUMBER	DESCRIPTION	REMARKS
<p>ST98299AG010</p>	98299AG010	TEST HARNESS V	Used when measuring voltage and resistance of side airbag sensor and curtain airbag sensor.

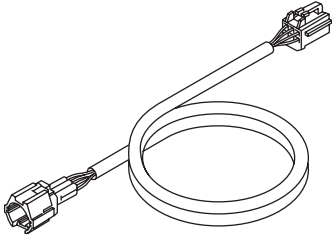


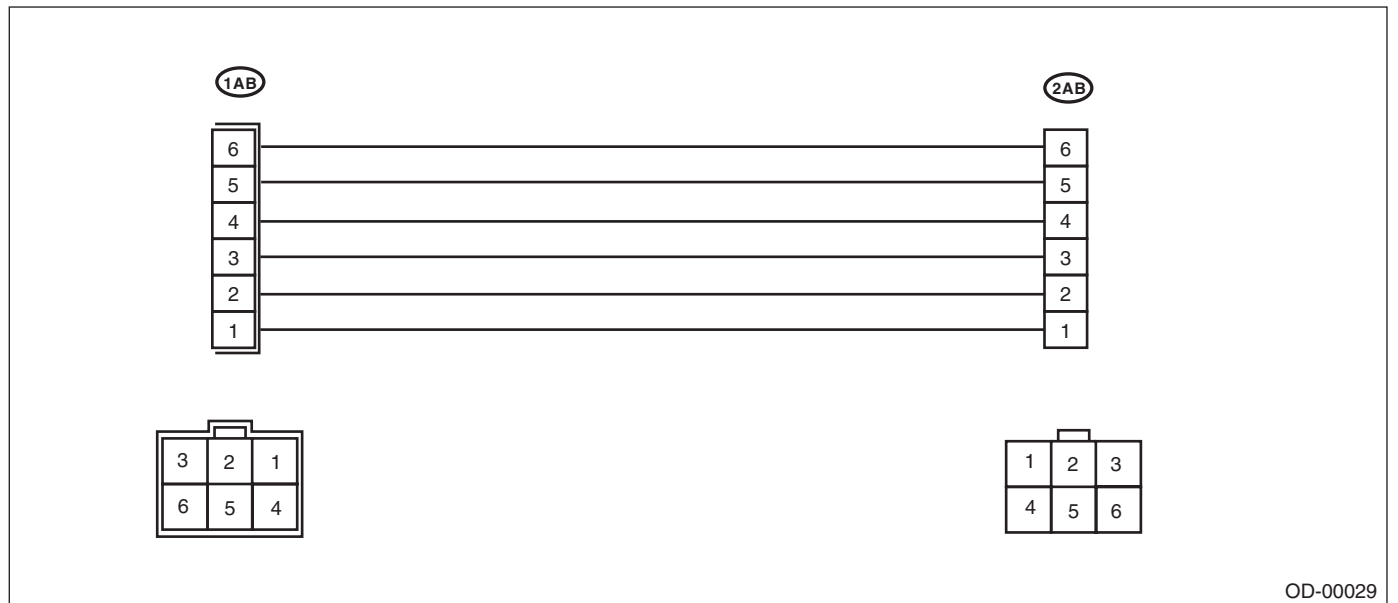
AB-02282

General Description

AIRBAG SYSTEM (DIAGNOSTICS)

- TEST HARNESS AB

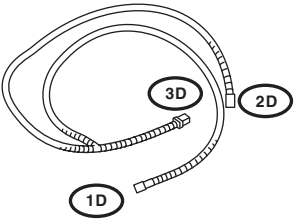
ILLUSTRATION	TOOL NUMBER	DESCRIPTION	REMARKS
 <p>ST98299XA000</p>	98299XA000	TEST HARNESS AB	Used when measuring voltage and resistance of occupant detection system.

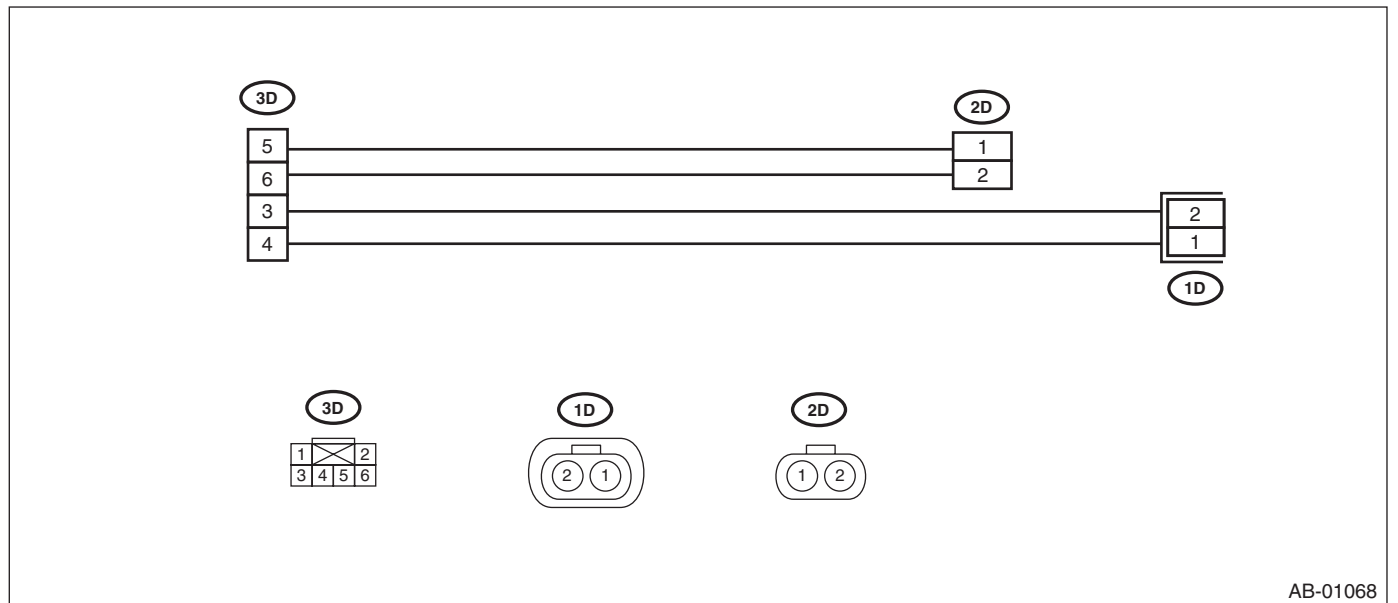


General Description

AIRBAG SYSTEM (DIAGNOSTICS)

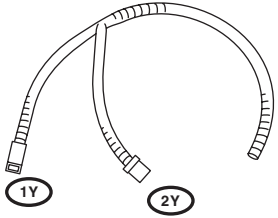
- TEST HARNESS D

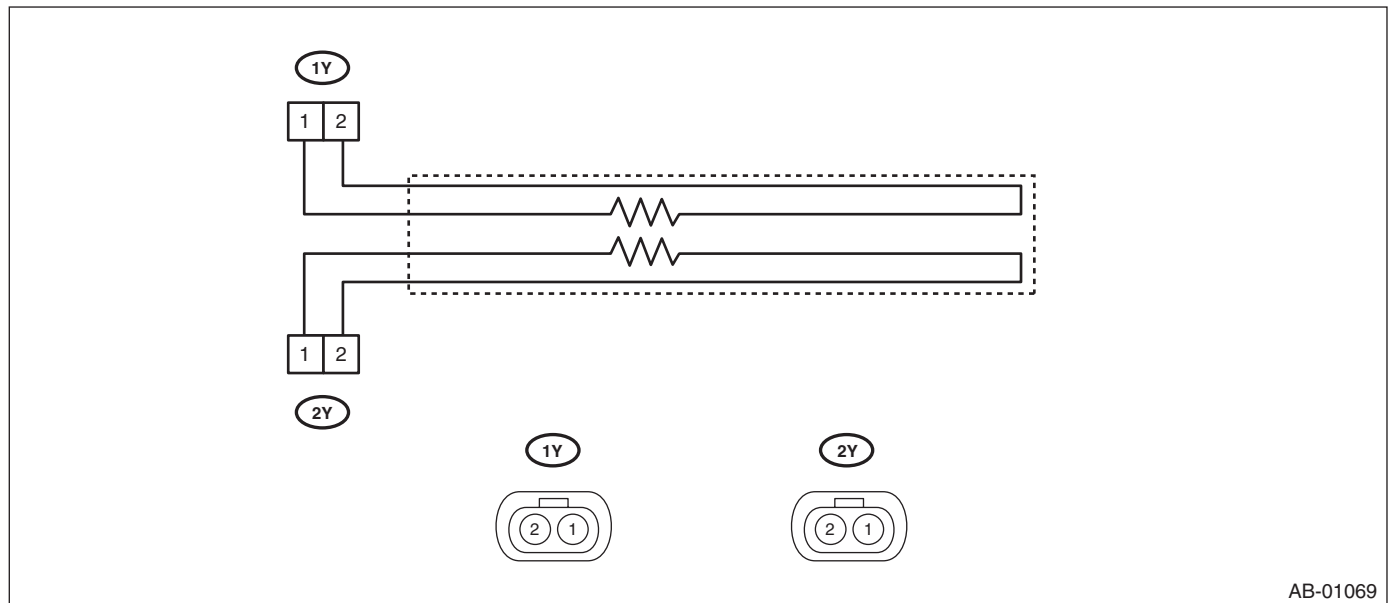
ILLUSTRATION	TOOL NUMBER	DESCRIPTION	REMARKS
 <p>ST98299AG060</p>	98299AG060	TEST HARNESS D	Used when measuring voltage and resistance of the front seat belt buckle switch.



General Description

- TEST HARNESS Y

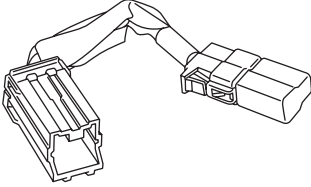
ILLUSTRATION	TOOL NUMBER	DESCRIPTION	REMARKS
 <p data-bbox="321 556 467 579">ST98299AG040</p>	98299AG040	TEST HARNESS Y	Used for troubleshooting the seat position sensor and seat belt buckle switch.

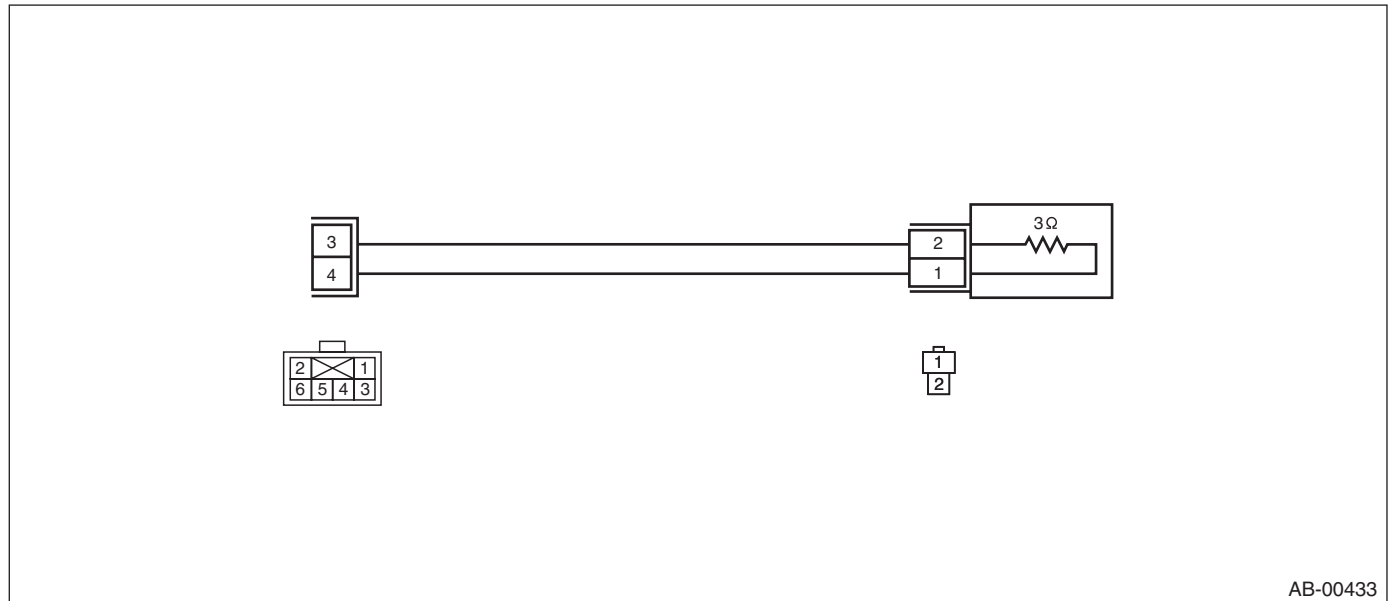


General Description

AIRBAG SYSTEM (DIAGNOSTICS)

- AIRBAG RESISTOR

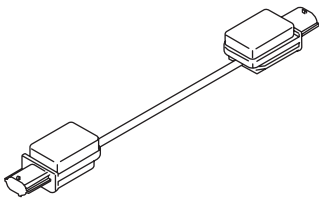
ILLUSTRATION	TOOL NUMBER	DESCRIPTION	REMARKS
 ST98299PA040	98299PA040	AIRBAG RESISTOR	Used in replacement of airbag module for which resistance value is same as airbag module. Two ST are required for diagnosis of two-stage inflator type airbag module.

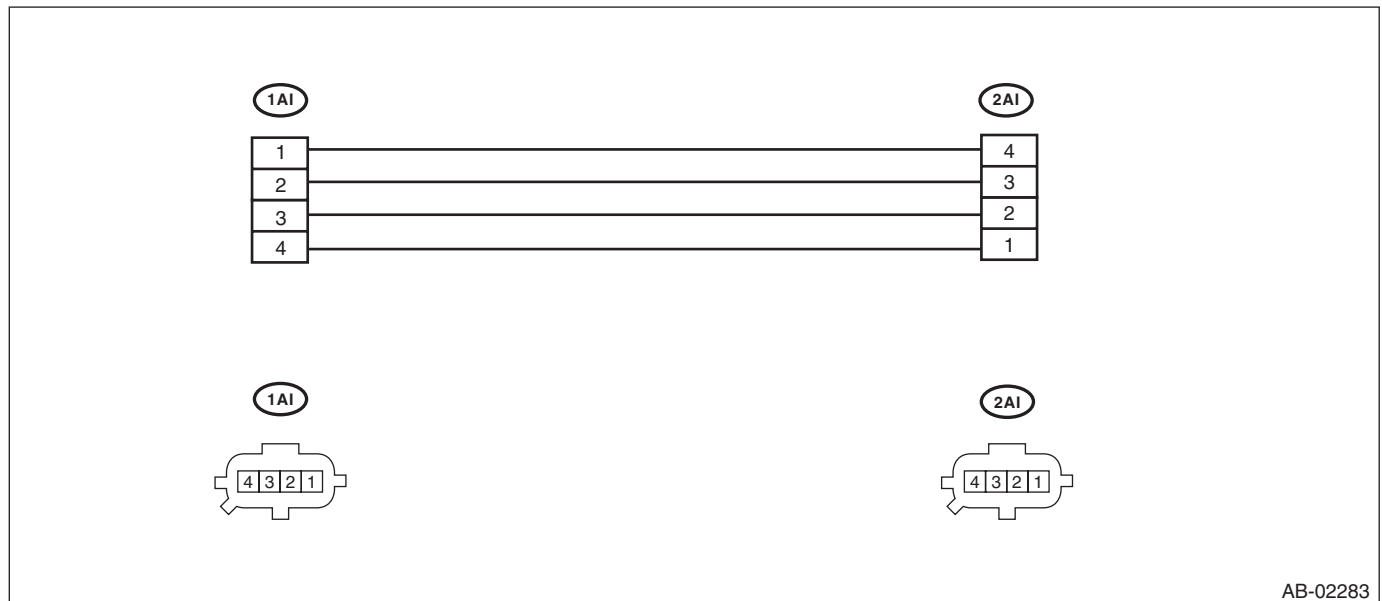


General Description

AIRBAG SYSTEM (DIAGNOSTICS)

• TEST HARNESS AI

ILLUSTRATION	TOOL NUMBER	DESCRIPTION	REMARKS
 <p>ST98299AG090</p>	98299AG090	TEST HARNESS AI	<ul style="list-style-type: none"> Used for diagnoses of side airbag sensor and curtain airbag sensor. Used together with test harness V.



2. GENERAL TOOL

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