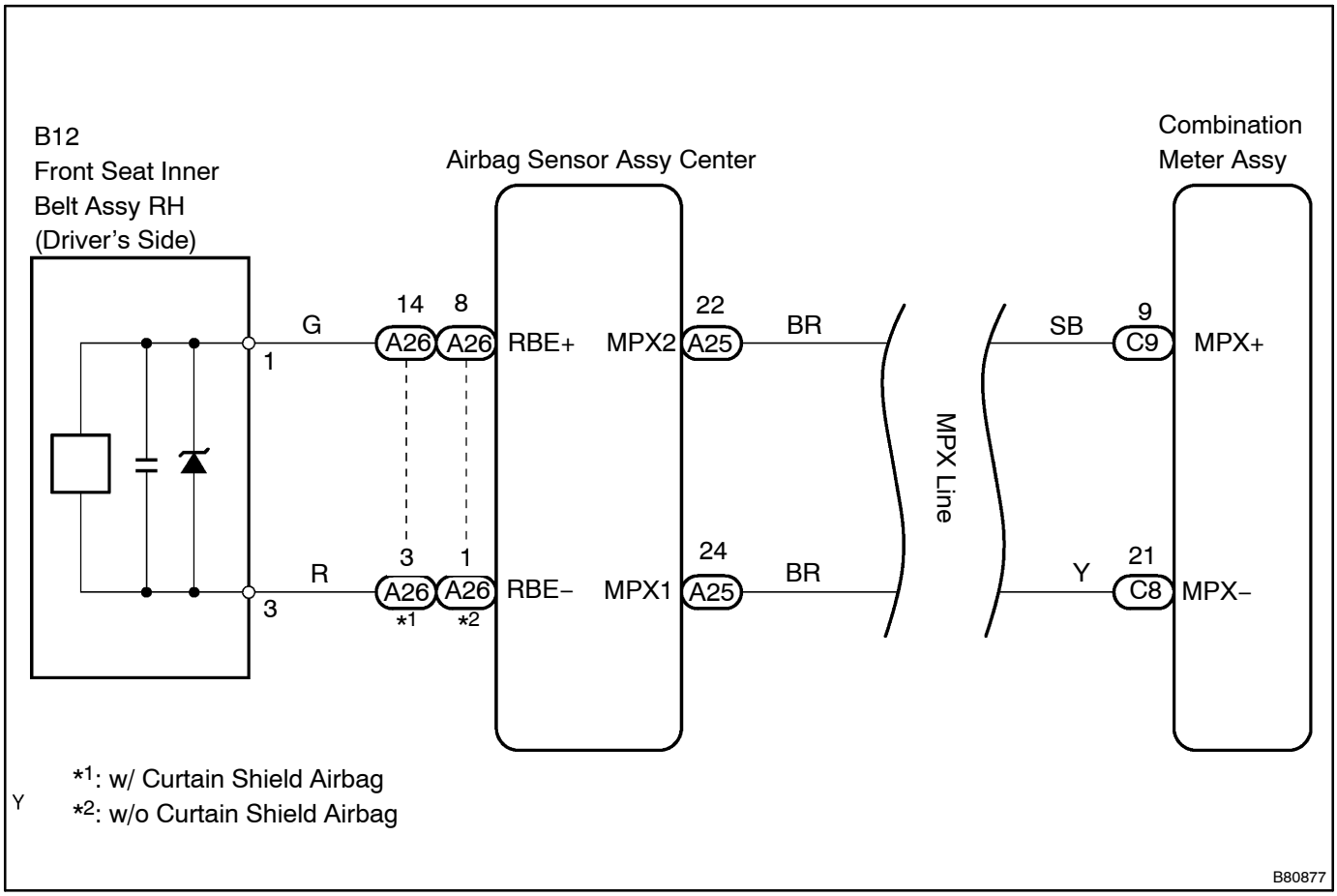
SEAT BELT WARNING LAMP FOR DRIVER SEAT DOES NOT OPERATE

CIRCUIT DESCRIPTION

When the ignition switch is ON, the airbag sensor assy center communicates the status of the front inner belt assy RH (driver side) to the combination meter assy using the MPX line. When the seat belt is unfastened, the combination meter assy flashes the driver side seat belt warning lamp continuously. When the seat belt is fastened, the combination meter assy stops flashing the driver side seat belt warning lamp.

WIRING DIAGRAM



INSPECTION PROCEDURE

1	CHECK SUPPLEMENTAL RESTRAINT SYSTEM

(a) Check for supplemental restraint system (SRS) DTCs.
(1) If no SRS DTC is output, proceed to A
(2) If any SRS DTCs are output, proceed to B

B → **Go to SUPPLEMENTAL RESTRAINT SYSTEM (See page 05–500)**

A

2	PERFORM ACTIVE TEST USING HAND–HELD TESTER

(a) Connect the hand–held tester to the DLC3.
(b) Turn the ignition switch ON and push the hand–held tester main switch ON.
(c) Select the ACTIVE TEST on the hand–held tester to generate a control command, and then check that the seat belt warning lamp operates.

Combination meter assy:

Item	Test Details	Diagnostic Note
D–BELT REMIND	Indicat. Lamp D–SEAT BELT (OFF/ON)	Confirm that the vehicle is stopped and engine is idling

OK: Seat belt warning lamp operates normally.

NG → **Go to COMBINATION METER (See page 05–956)**

OK

3	READ VALUE OF HAND–HELD TESTER

(a) Connect the hand–held tester to the DLC3.
(b) Turn the ignition switch ON and push the hand–held tester main switch ON.
(c) Select the item below in the DATA LIST and read the display on the hand–held tester.

Multiplex network body ECU:

Item	Measurement Item/ Display (Range)	Specified Condition
D SEAT BUCKL SW	Driver seat belt buckle switch signal ON or OFF	ON: Seat belt is fastened OFF: Seat belt is unfastened

OK:
"ON" is displayed when the seat belt is fastened.
"OFF" is displayed when the seat belt is unfastened.

NG → **Go to step 4**

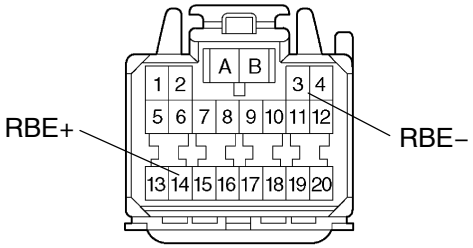
OK

END

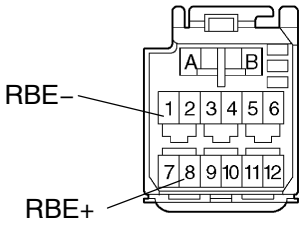
4 CHECK WIRE HARNESS (FRONT SEAT INNER BELT ASSY RH – AIRBAG SENSOR ASSY CENTER)

Wire Harness Side

A26*1
Airbag Sensor Assy Center



A26*2
Airbag Sensor Assy Center



B12
Front Seat Inner Belt Assy RH



*1: w/ Curtain Shield Airbag
*2: w/o Curtain Shield Airbag

Y B80968

(a) Disconnect the A26 airbag sensor connector.
(b) Disconnect the B12 belt connector.
(c) Measure the resistance of the wire harness side connectors.

Standard:

Tester Connection	Specified Condition
B12–1 – A26–14 (RBE+)*1	Below 1 Ω
B12–1 – A26–8 (RBE+)*2	Below 1 Ω
B12–3 – A26–3 (RBE–)*1	Below 1 Ω
B12–3 – A26–1 (RBE–)*2	Below 1 Ω

NG → **REPAIR OR REPLACE HARNESS AND CONNECTOR**

OK

5 CHECK FRONT SEAT INNER BELT ASSY RH

(a) Replace the front seat inner belt assy RH with a normally functioning inner belt assy and fasten the seat belt. Check that the driver side seat belt warning lamp turns off.

OK:

When the seat belt is fastened, the driver side seat belt warning lamp turns off.

NG → **REPLACE AIRBAG SENSOR ASSY CENTER**

OK

REPLACE FRONT SEAT INNER BELT ASSY RH