

BSW/BSI IND OPEN CIR - DTC DIAGNOSIS PROCEDURE

DTC Diagnosis Procedure**1. CHECK BSW INDICATOR RH CIRCUIT FOR SHORT TO BATTERY**

1. Turn ignition switch OFF.
2. Disconnect side radar RH harness connector and BSW indicator RH harness connector.
3. Turn ignition switch ON.
4. Check voltage between BSW indicator RH harness connector and ground.

BSW indicator RH		Ground	1. Voltage (Approx.)
Connector	Terminal		
D107 *1	9		0 V
D106 *2	12		

*1 : Without automatic drive positioner

*2 : With automatic drive positioner

Is the inspection result normal?

YES>>

GO TO 2.

NO>>

Repair the harnesses or connectors.

2. CHECK BSW INDICATOR RH CIRCUIT FOR OPEN 1

1. Turn ignition switch OFF.
2. Disconnect side radar RH harness connector and BSW indicator RH harness connector.
3. Check continuity between side radar RH harness connector and BSW indicator RH harness connector.

Side radar RH		BSW indicator RH		Continuity
Connector	Terminal	Connector	Terminal	
B462	6	D107 *1	9	Existed
		D106 *2	12	

1. *1 : Without automatic drive positioner

2. *2 : With automatic drive positioner

Is the inspection result normal?

YES>>

GO TO 3.

NO>>

Repair the harnesses or connectors.

3. CHECK BSW INDICATOR CIRCUIT RH FOR OPEN 2

1. Check continuity between BSW indicator RH harness connector and ground.

BSW indicator RH		Ground	Continuity
Connector	Terminal		
D107 *1	9		Existed
D106 *2	12		

2. *1 : Without automatic drive positioner

3. *2 : With automatic drive positioner

Is the inspection result normal?

YES>>

GO TO 4.

NO>>

Repair the harnesses or connectors.

4. CHECK SIDE RADAR VOLTAGE OUTPUT

1. Connect side radar harness connector.
2. Check voltage between BSW indicator RH harness connector and ground.

BSW indicator		Ground	Condition	1. Voltage (Approx.)
Connector	Terminal			
D107 *1	9		2. Ignition switch 3. OFF ⇒ ON (Approx. 2 sec.)	7 – 14 V
D106 *2	12			

*1 : Without automatic drive positioner

*2 : With automatic drive positioner

Is the inspection result normal?

YES>>

Replace BSW indicator. Refer to Removal and Installation.

NO>>

Replace side radar RH. Refer to Removal and Installation.