


DTC TABLE

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Caution

- When DTCs not shown in the DTC table are displayed, perform the inspection for DTCs not shown in the DTC table. (See Inspection for DTCs not shown in DTC table.)




X: Applicable
–: Not applicable




DTC				System malfunction location	Fail safe	Drive cycle	Self test type*1	Memory function	Page
M-MDS display	Air bag system warning light								
	Flashing pattern		Priority ranking						
B0001:11	19		15	Driver-side air bag module circuit short to body ground	—	—	C, D	×	(See DTC B0001:11/ B0001:12/ B0001:13/ B0001:19/ B0001:1A.)
B0001:12				Driver-side air bag module circuit short to power supply	—	—	C, D	×	
B0001:13				Driver-side air bag module circuit open circuit or resistance high	—	—	C, D	×	
B0001:19				Short circuit to driver-side air bag module and other air bag module circuits	—	—	C, D	×	
B0001:1A				Driver-side air bag module circuit resistance low	—	—	C, D	×	
B0001:55				Configuration setting error (driver-side air bag module structural malfunction)	—	—	C, D	×	(See DTC B0001:55/ B0010:55.)
B0003:53	—	Flashing	4	Operation (deployment) inhibited due to configuration setting	—	—	C, D	×	(See DTC B0003:53.)



(See DTC B0001:11/
B0001:12/
B0001:13/
B0001:19/
B0001:1A.)



(See DTC B0001:55/
B0010:55.)

(See DTC B0003:53.)



DTC				System malfunction location	Fail safe	Drive cycle	Self test type* 1	Memory function	Page
M-MDS display	Air bag system warning light								
	Flashing pattern		Priority ranking						
B0010:11	21		14	Passenger-side air bag module circuit short to body ground	—	—	C, D	×	(See DTC B0010:11/ B0010:12/ B0010:13/ B0010:19/ B0010:1A.)
B0010:12				Passenger-side air bag module circuit short to power supply	—	—	C, D	×	
B0010:13				Passenger-side air bag module circuit open circuit or resistance high	—	—	C, D	×	
B0010:19				Short circuit to passenger-side air bag module and other air bag module circuits	—	—	C, D	×	
B0010:1A				Passenger-side air bag module circuit resistance low	—	—	C, D	×	
B0010:55				Configuration setting error (passenger-side air bag module structural malfunction)	—	—	C, D	×	(See DTC B0001:55/ B0010:55.)
B0094:11	42		9	Driver-side crash zone sensor circuit short to body ground	—	—	C, D	×	(See DTC B0094:11/ B0094:13/ B0094:87/ B0094:96.)
B0094:13				Driver-side crash zone sensor circuit open circuit or short to power supply	—	—	C, D	×	
B0094:87				Signal reception error from driver-side crash zone sensor	—	—	C, D	×	
B0094:96				Driver-side crash zone sensor internal malfunction	—	—	C, D	×	
B0094:55				Configuration setting error (driver-side crash zone sensor structural malfunction)	—	—	C, D	×	(See DTC B0094:55/ B1417:55.)
B00D2:01	14		5	Air bag system warning light malfunction	—	—	C, D	×	(See DTC B00D2:01.)
B00D2:29				Invalid signal to air bag system warning light	—	—	C, D	×	(See DTC B00D2:29.)



DTC				System malfunction location	Fail safe	Drive cycle	Self test type* 1	Memory function	Page
M-MDS display	Air bag system warning light		Priority ranking						
	Flashing pattern								
B00D5:01	18		22	PAD OFF indicator circuit open circuit or short to power supply	—	—	C, D	×	(See DTC B00D5:01/ B00D5:29/ B1202:01.)
B00D5:29				PAD OFF indicator communication error	—	—	C, D	×	
B1011:95	58		7	SAS control module connectors are poorly connected	—	—	C, D	×	(See DTC B1011:95.)
B10FD:11	43		11	Driver-side side air bag sensor No.1 circuit short to body ground or power supply	—	—	C, D	×	(See DTC B10FD:11/ B10FD:13/ B10FD:87/ B10FD:96.)
B10FD:13				Driver-side side air bag sensor No.1 circuit open circuit or resistance high	—	—	C, D	×	
B10FD:87				Signal reception error from driver-side side air bag sensor No.1	—	—	C, D	×	
B10FD:96				Driver-side side air bag sensor No.1 internal malfunction	—	—	C, D	×	
B10FD:55							Configuration setting error (driver-side side air bag sensor No. 1 structural malfunction)	—	—



DTC				System malfunction location	Fail safe	Drive cycle	Self test type* 1	Memory function	Page
M-MDS display	Air bag system warning light								
	Flashing pattern		Priority ranking						
B10FE:11	44		10	Passenger-side side air bag sensor No.1 circuit short to body ground or power supply	—	—	C, D	×	(See DTC B10FE:11/ B10FE:13/ B10FE:87/ B10FE:96.)
B10FE:13				Passenger-side side air bag sensor No.1 circuit open circuit or resistance high	—	—	C, D	×	
B10FE:87				Signal reception error from passenger-side side air bag sensor No.1	—	—	C, D	×	
B10FE:96				Passenger-side side air bag sensor No.1 internal malfunction	—	—	C, D	×	
B10FE:55				Configuration setting error (passenger-side side air bag sensor No.1 structural malfunction)	—	—	C, D	×	(See DTC B10FD:55/ B10FE:55.)
B1126:11	22		19	Driver-side side air bag module circuit short to body ground	—	—	C, D	×	(See DTC B1126:11/ B1126:12/ B1126:13/ B1126:19/ B1126:1A.)
B1126:12				Driver-side side air bag module circuit short to power supply	—	—	C, D	×	
B1126:13				Driver-side side air bag module circuit open circuit or resistance high	—	—	C, D	×	
B1126:19				Short circuit to driver-side side air bag module and other air bag module circuits	—	—	C, D	×	
B1126:1A				Driver-side side air bag module circuit resistance low	—	—	C, D	×	
B1126:55				Configuration setting error (driver-side side air bag module structural malfunction)	—	—	C, D	×	(See DTC B1126:55/ B1127:55.)


DTC				System malfunction location	Fail safe	Drive cycle	Self test type* 1	Memory function	Page
M-MDS display	Air bag system warning light								
	Flashing pattern		Prior ity ranki ng						
B1127:11	23		18	Passenger-side side air bag module circuit short to body ground	—	—	C, D	×	(See DTC B1127:11/ B1127:12/ B1127:13/ B1127:19/ B1127:1A.)
B1127:12				Passenger-side side air bag module circuit short to power supply	—	—	C, D	×	
B1127:13				Passenger-side side air bag module circuit open circuit or resistance high	—	—	C, D	×	
B1127:19				Short circuit to passenger-side side air bag module and other air bag module circuits	—	—	C, D	×	
B1127:1A				Passenger-side side air bag module circuit resistance low	—	—	C, D	×	
B1127:55				Configuration setting error (passenger-side side air bag module structural malfunction)	—	—	C, D	×	(See DTC B1126:55/ B1127:55.)
B1128:11	24		21	Driver-side curtain air bag module circuit short to body ground	—	—	C, D	×	(See DTC B1128:11/ B1128:12/ B1128:13/ B1128:19/ B1128:1A.)
B1128:12				Driver-side curtain air bag module circuit short to power supply	—	—	C, D	×	
B1128:13				Driver-side curtain air bag module circuit open circuit or resistance high	—	—	C, D	×	
B1128:19				Short circuit to driver-side curtain air bag module and other air bag module circuits	—	—	C, D	×	
B1128:1A				Driver-side curtain air bag module circuit resistance low	—	—	C, D	×	
B1128:55				Configuration setting error (driver-side curtain air bag module structural malfunction)	—	—	C, D	×	(See DTC B1128:55/ B1129:55.)




DTC				System malfunction location	Fail safe	Drive cycle	Self test type*1	Memory function	Page
M-MDS display	Air bag system warning light								
	Flashing pattern		Priority ranking						
B1129:11	25		20	Passenger-side curtain air bag module circuit short to body ground	—	—	C, D	×	(See DTC B1129:11/ B1129:12/ B1129:13/ B1129:19/ B1129:1A.)
B1129:12				Passenger-side curtain air bag module circuit short to power supply	—	—	C, D	×	
B1129:13				Passenger-side curtain air bag module circuit open circuit or resistance high	—	—	C, D	×	
B1129:19				Short circuit to passenger-side curtain air bag module and other air bag module circuits	—	—	C, D	×	
B1129:1A				Passenger-side curtain air bag module circuit resistance low	—	—	C, D	×	
B1129:55			Configuration setting error (passenger-side curtain air bag module structural malfunction)	—	—	C, D	×	(See DTC B1128:55/ B1129:55.)	
B1193:00	13		3	SAS control module operation (deployment)	—	—	C, D	×	(See DTC B1193:00.)
B1196:11	45		13	Driver-side side air bag sensor No.2 circuit short to body ground	—	—	C, D	×	(See DTC B1196:11/ B1196:13/ B1196:87/ B1196:96.)
B1196:13				Driver-side side air bag sensor No.2 circuit open circuit or short to power supply	—	—	C, D	×	
B1196:87				Signal reception error from driver-side side air bag sensor No.2	—	—	C, D	×	
B1196:96				Driver-side side air bag sensor No.2 internal malfunction	—	—	C, D	×	
B1196:55				Configuration setting error (driver-side side air bag sensor No. 2 structural malfunction)	—	—	C, D	×	(See DTC B1196:55/ B1197:55.)

DTC				System malfunction location	Fail safe	Drive cycle	Self test type* 1	Memory function	Page
M-MDS display	Air bag system warning light		Priority ranking						
	Flashing pattern								
B1197:11	46		12	Passenger-side side air bag sensor No.2 circuit short to body ground	—	—	C, D	×	(See DTC B1197:11/ B1197:13/ B1197:87/ B1197:96.)
B1197:13				Passenger-side side air bag sensor No.2 circuit open circuit or short to power supply	—	—	C, D	×	
B1197:87				Signal reception error from passenger-side side air bag sensor No.2	—	—	C, D	×	
B1197:96				Passenger-side side air bag sensor No.2 internal malfunction	—	—	C, D	×	
B1197:55							Configuration setting error (passenger-side side air bag sensor No.2 structural malfunction)	—	—
B1202:01	18		22	PAD ON indicator circuit open circuit or short to power supply	—	—	C, D	×	(See DTC B00D5:01/ B00D5:29/ B1202:01.)
B1206:00	—	—	—	SAS control module operation (deployment) (fuel cut signal output)	—	—	C, D	×	(See DTC B1206:00/ U2107:00.)

DTC				System malfunction location	Fail safe	Drive cycle	Self test type* 1	Memory function	Page
M-MDS display	Air bag system warning light								
	Flashing pattern		Priority ranking						
B1211:11	38		17	Driver-side pre-tensioner seat belt circuit short to body ground	—	—	C, D	×	(See DTC B1211:11/ B1211:12/ B1211:13/ B1211:19/ B1211:1A.)
B1211:12				Driver-side pre-tensioner seat belt circuit short to power supply	—	—	C, D	×	
B1211:13				Driver-side pre-tensioner seat belt circuit open circuit or resistance high	—	—	C, D	×	
B1211:19				Short circuit to driver-side pre-tensioner seat belt and other air bag module circuits	—	—	C, D	×	
B1211:1A				Driver-side pre-tensioner seat belt circuit resistance low	—	—	C, D	×	
B1211:55				Configuration setting error (driver-side pre-tensioner seat belt structural malfunction)	—	—	C, D	×	(See DTC B1211:55, B1214:55.)
B1214:11	39		16	Passenger-side pre-tensioner seat belt circuit short to body ground	—	—	C, D	×	(See DTC B1214:11/ B1214:12/ B1214:13/ B1214:19/ B1214:1A.)
B1214:12				Passenger-side pre-tensioner seat belt circuit short to power supply	—	—	C, D	×	
B1214:13				Passenger-side pre-tensioner seat belt circuit open circuit or resistance high	—	—	C, D	×	
B1214:19				Short circuit to passenger-side pre-tensioner seat belt and other air bag module circuits	—	—	C, D	×	
B1214:1A				Passenger-side pre-tensioner seat belt circuit resistance low	—	—	C, D	×	
B1214:55				Configuration setting error (passenger-side pre-tensioner seat belt structural malfunction)	—	—	C, D	×	(See DTC B1211:55, B1214:55.)

DTC				System malfunction location	Fail safe	Drive cycle	Self test type* 1	Memory function	Page
M-MDS display	Air bag system warning light								
	Flashing pattern		Priority ranking						
B1417:11	41		8	Passenger-side crash zone sensor circuit short to body ground	—	—	C, D	×	(See DTC B1417:11/ B1417:13/ B1417:87/ B1417:96.)
B1417:13				Passenger-side crash zone sensor circuit open circuit or short to power supply	—	—	C, D	×	
B1417:87				Signal reception error from passenger-side crash zone sensor	—	—	C, D	×	
B1417:96				Passenger-side crash zone sensor internal malfunction	—	—	C, D	×	
B1417:55							Configuration setting error (passenger-side crash zone sensor structural malfunction)	—	—
B1D75:55	56		23	Configuration setting error (PAD switch structural malfunction)	—	—	C, D	×	(See DTC B1D75:55.)
B1D75:62				PAD switch circuit open circuit or short to body ground	—	—	C, D	×	(See DTC B1D75:62.)
C0061:29	—	—	—	Low-G sensor (lateral-G) in SAS control module (internal circuit disabled)	—	—	C, D	×	(See DTC C0061:29/ C0062:29/ C0063:29/ P0666:29.)
C0062:29				Low-G sensor (forward-G) in SAS control module (internal circuit disabled)	—	—	C, D	×	
C0063:29				Yaw rate sensor in SAS control module (internal circuit disabled)	—	—	C, D	×	
P0666:29				Temperature sensor in SAS control module (internal circuit disabled)	—	—	C, D	×	

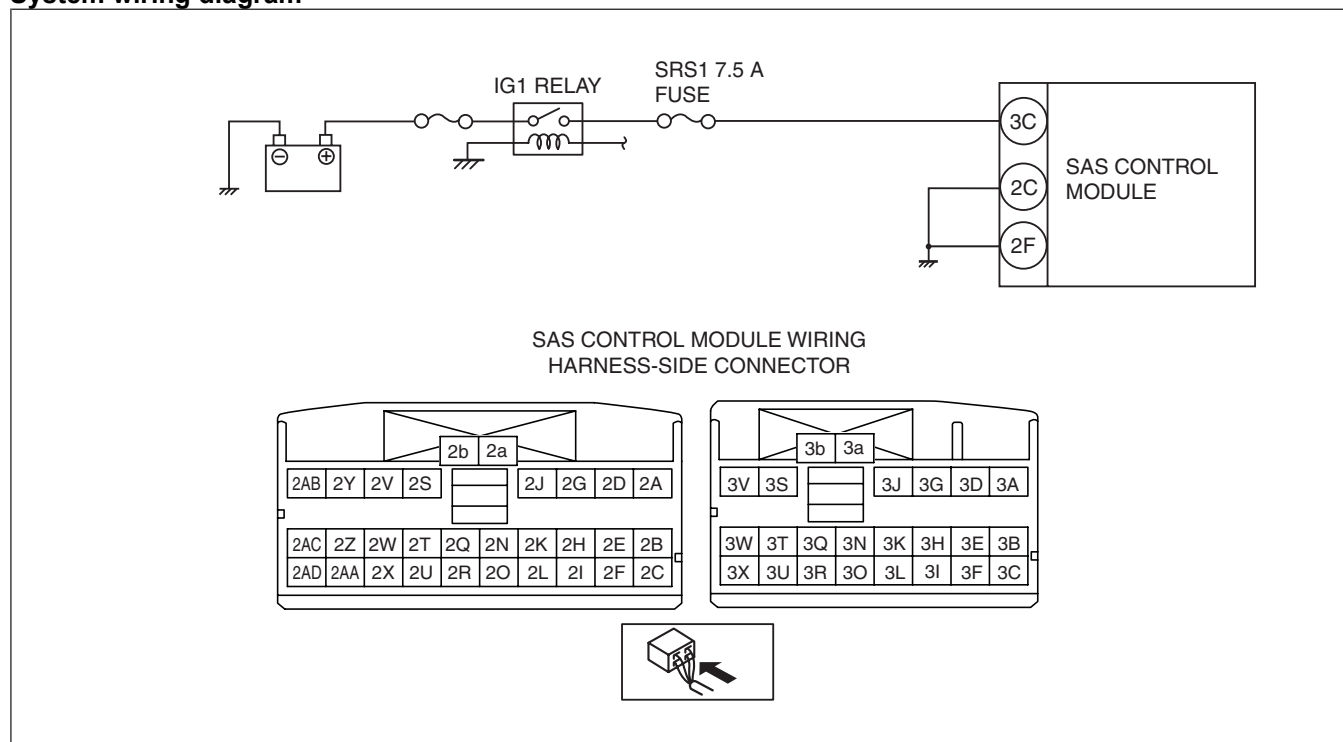
DTC				System malfunction location	Fail safe	Drive cycle	Self test type* 1	Memory function	Page	
M-MDS display	Air bag system warning light									
	Flashing pattern		Priority ranking							
U0001:88	14			5	CAN communication error	—	—	C, D	×	(See FOREWORD [SKYACTIV-G 2.0, SKYACTIV-G 2.5 (L.H.D.)].) (See FOREWORD [SKYACTIV-G 2.0, SKYACTIV-G 2.5 (R.H.D.)].) (See FOREWORD [SKYACTIV-D 2.2 (L.H.D.)].) (See FOREWORD [SKYACTIV-D 2.2 (R.H.D.)].)
U0028:88	—	—		—	DSC HU/CM communication fault	—	—	C, D	×	(See DTC U0028:88.)

DTC				System malfunction location	Fail safe	Drive cycle	Self test type* 1	Memory function	Page
M-MDS display	Air bag system warning light								
	Flashing pattern		Priority ranking						
U0155:00	14		5	Instrument cluster communication error	—	—	C, D	×	(See FOREWORD [SKYACTIV-G 2.0, SKYACTIV-G 2.5 (L.H.D.)].) (See FOREWORD [SKYACTIV-G 2.0, SKYACTIV-G 2.5 (R.H.D.)].) (See FOREWORD [SKYACTIV-D 2.2 (L.H.D.)].) (See FOREWORD [SKYACTIV-D 2.2 (R.H.D.)].)
U2005:68				PCM communication error (vehicle speed signal)	—	—	C, D	×	(See DTC U2005:68.)
U0300:00	54		6	Configuration setting invalid	—	—	C, D	×	(See DTC U0300:00/ U2100:00.)
U2100:00				Configuration not set	—	—	C, D	×	
U2107:00	—	—	—	SAS control module operation (deployment) signal output	—	—	C, D	×	(See DTC B1206:00/ U2107:00.)
U3000:49	12		2	SAS control module internal malfunction	—	—	C, D	×	(See DTC U3000:49.)
U3000:55				Configuration error (SAS control module internal malfunction)	—	—	C, D	×	(See DTC U3000:55.)
U3003:16	—	Continuously illuminated	1	SAS control module power supply voltage decreases (less than 8 V).	—	—	C, D	×	(See DTC U3003:16/ U3003:17.)
U3003:17				SAS control module power supply voltage increases (18 V or more)	—	—	C, D	×	

*1 : C: CMDTC self test, D: ODDTC self test

Inspection for DTCs not shown in DTC table

System wiring diagram



ac5wzw00001979

Diagnostic procedure

Step	Inspection	Action
1	BATTERY INSPECTION <ul style="list-style-type: none"> Refer to the battery inspection and inspect the battery. (See BATTERY INSPECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].) (See BATTERY INSPECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5 (WITHOUT i-stop)].) (See BATTERY INSPECTION [SKYACTIV-D 2.2].) Is the battery normal? 	Yes: Go to the next step. No: Replace or charge the battery. (See BATTERY REMOVAL/INSTALLATION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].) (See BATTERY RECHARGING [SKYACTIV-G 2.0, SKYACTIV-G 2.5].) (See BATTERY RECHARGING [SKYACTIV-G 2.0, SKYACTIV-G 2.5 (WITHOUT i-stop)].) (See BATTERY REMOVAL/INSTALLATION [SKYACTIV-D 2.2].) (See BATTERY RECHARGING [SKYACTIV-D 2.2].) Then go to Step 5.
2	FUSE INSPECTION <ul style="list-style-type: none"> Switch the ignition to off. Disconnect the negative battery cable and wait 1 min or more. (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].) (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5 (WITHOUT i-stop)].) (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-D 2.2].) Remove the SRS1 7.5 A fuse. Is the fuse normal? 	Yes: Go to the next step. No: Replace the SRS1 7.5 A fuse. Then go to Step 5.

Step	Inspection	Action	
3	INSPECT WIRING HARNESS BETWEEN SAS CONTROL MODULE AND IG1 RELAY Warning <ul style="list-style-type: none">• Handling the component parts improperly can accidentally operate (deploy) the air bag module, which may seriously injure you. Read the service warnings/cautions and the workshop manual before handling the air bag system components. (See AIR BAG SYSTEM SERVICE WARNINGS.) (See AIR BAG SYSTEM SERVICE CAUTIONS.) <ul style="list-style-type: none">• Remove the column cover. (See COLUMN COVER REMOVAL/INSTALLATION.)• Disconnect the clock spring connector. (See CLOCK SPRING REMOVAL/INSTALLATION.)• Remove the glove compartment. (See GLOVE COMPARTMENT REMOVAL/INSTALLATION.)• Disconnect the passenger-side air bag module connector. (See PASSENGER-SIDE AIR BAG MODULE REMOVAL/INSTALLATION.)• Disconnect the driver and passenger-side front seat connector. (See FRONT SEAT REMOVAL/INSTALLATION.)• Remove the headliner. (See HEADLINER REMOVAL/INSTALLATION.)• Disconnect the driver and passenger-side curtain air bag module connector. (See CURTAIN AIR BAG MODULE REMOVAL/INSTALLATION.)• Remove the B-pillar lower trim. (See B-PILLAR LOWER TRIM REMOVAL/INSTALLATION.)• Disconnect the driver and passenger-side pretensioner seat belt connector. (See FRONT SEAT BELT REMOVAL/INSTALLATION.)• Remove the rear console. (See REAR CONSOLE REMOVAL/INSTALLATION.)• Disconnect all SAS control module connectors. (See SAS CONTROL MODULE REMOVAL/INSTALLATION.)• Connect the negative battery cable. (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].) (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5 (WITHOUT i-stop)].) (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-D 2.2].)• Switch the ignition ON (engine off or on).• Measure the voltage of SAS control module connector terminal 3C (wiring harness-side). Note <ul style="list-style-type: none">• Measure the voltage while shaking the wiring harness between the SAS control module and IG1 relay. <ul style="list-style-type: none">• Is the voltage 8–17.9 V?	Yes	Go to the next step.
		No	Replace the wiring harness between the SAS control module and IG1 relay. Then go to Step 5.

Step	Inspection	Action	
4	INSPECT SAS CONTROL MODULE CIRCUIT FOR OPEN CIRCUIT <ul style="list-style-type: none"> SAS control module connectors are disconnected. Switch the ignition to off. Disconnect the negative battery cable and wait 1 min or more. (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].) (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5 (WITHOUT i-stop)].) (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-D 2.2].) Inspect the wiring harness between SAS control module connector terminal 2C, 2F (wiring harness-side) and body ground. <p>Note</p> <ul style="list-style-type: none"> Inspect for continuity while shaking the wiring harness between the SAS control module and body ground. <ul style="list-style-type: none"> Is there continuity? 	Yes	Go to the next step.
		No	Replace the wiring harness for a possible open circuit, then go the next step.
5	PERFORM SAS CONTROL MODULE DTC INSPECTION <ul style="list-style-type: none"> Connect the SAS control module connectors. Reconnect all disconnected connectors. Connect the negative battery cable. (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].) (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5 (WITHOUT i-stop)].) (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-D 2.2].) Switch the ignition ON (engine off or on). Clear the DTC for the SAS control module using the M-MDS. (See CLEARING DTC.) Perform the DTC inspection for the SAS control module using the M-MDS. (See DTC INSPECTION.) Are the same DTCs present? 	Yes	Replace the SAS control module. (See SAS CONTROL MODULE REMOVAL/INSTALLATION.)
		No	DTC troubleshooting completed.