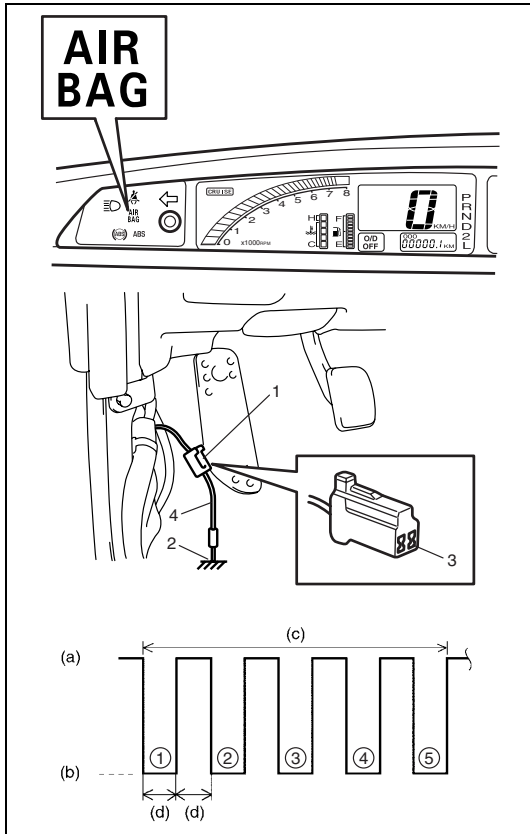


**Not using SUZUKI scan tool**



- 1) Turn ignition switch to ON position and wait about 6 seconds or more.
- 2) Using service wire, repeat shorting and opening between diagnosis switch terminal on "AIR BAG" monitor coupler and body ground 5 times at about 1 second intervals within 10 seconds.
- 3) Perform DTC CHECK and confirm that normal DTC (DTC 12) is displayed and not malfunction DTC.

**NOTE:**

**If DTC B1051, B1058, B1071 is stored in SDM, it is not possible to clear all DTC.**









1. "AIR BAG" monitor coupler	(a) Open
2. Body ground	(b) Short
3. Diagnosis switch terminal	(c) Max. 10 seconds
4. Service wire	(d) About 1 sec.

**DTC Table**

DTC	"AIR BAG" warning lamp flashing pattern		Diagnosis	
	NO.	MODE		
-	12		Normal	
B1015	15		Passenger air bag circuit	Resistance high
B1016	16			Resistance low
B1018	18			Short to ground
B1019	19			Short to power circuit
B1021	21		Driver air bag circuit	Resistance high
B1022	22			Resistance low
B1024	24			Short to ground
B1025	25			Short to power circuit
B1031	31		Power source voltage	Too high
B1032	32			Too low

Diagnose trouble according to diagnostic flow table corresponding to each code No.

DTC	“AIR BAG” warning lamp flashing pattern		Diagnosis		
	NO.	MODE			
B1041	41		Driver pretensioner circuit	Resistance high	Diagnose trouble according to diagnostic flow table corresponding to each code No.
B1042	42			Resistance low	
B1043	43			Short to ground	
B1044	44			Short to power circuit	
B1045	45		Passenger pretensioner circuit	Resistance high	
B1046	46			Resistance low	
B1047	47			Short to ground	
B1048	48			Short to power circuit	
B1051	51		SDM	Frontal crash detected	
B1056	56			Sideward crash (driver side) detected	
B1057	57			Sideward crash (passenger side) detected	
B1058	58			Frontal crash detected (pretensioner activation command outputted)	
B1061	61		“AIR BAG” warning lamp circuit	Circuit failure	
B1063	63		Side sensor circuit (driver side)	Short to ground	
B1064	64			Short to power circuit or open	
B1065	65		Side sensor circuit (passenger side)	Short to ground	
B1066	66			Short to power circuit or open	
B1071	71		SDM	Internal fault	
B1072	72		Side sensor (driver side)	Internal fault	
B1073	73		Side sensor circuit (driver side)	Correspondence abnormality	
B1074	74		Side sensor (passenger side)	Internal fault	
B1075	75		Side sensor circuit (passenger side)	Correspondence abnormality	

DTC	“AIR BAG” warning lamp flashing pattern		Diagnosis		
	NO.	MODE			
B1081	81		Side air bag circuit (driver side)	Resistance high	Diagnose trouble according to diagnostic flow table corresponding to each code No.
B1082	82			Resistance low	
B1083	83			Short to ground	
B1084	84			Short to power circuit	
B1085	85		Side air bag circuit (passenger side)	Resistance high	
B1086	86			Resistance low	
B1087	87			Short to ground	
B1088	88			Short to power circuit	

**NOTE:**

- When 2 or more codes are indicated, the lowest numbered code will appear first.
- Current DTC and history DTC can be identified by lighting and flashing of “AIR BAG” warning lamp as follows. However, if a multiple number of DTC’s are set an even one of them is a current DTC, “AIR BAG” warning lamp remains on after ignition switch is turned ON. Therefore, it is not possible to identify any of them as to whether it is a current one or a history one. (But use of SUZUKI scan tool will make identification possible.)

	<b>Current DTC is set. (Abnormality exists at present.)</b>	<b>History DTC is set only. (Faulty condition occurred once in the past but normal condition is restored at present.)</b>
<b>“AIR BAG” warning lamp after ignition switch ON</b>	<b>Flashing 6 times and turns on.</b>	<b>Flashing 6 times and turns off.</b>
<b>“AIR BAG” warning lamp when grounding diagnosis switch</b>	<b>Current DTC is displayed.</b>	<b>History DTC is displayed.</b>