FAIL-SAFE CHART

1. FAIL-SAFE FUNCTION

- (a) When communication fails in any of the CAN bus lines (communication lines) due to a short circuit or for another reason, the fail-safe function, which is specified for each system, operates to prevent the system from malfunctioning.
- (b) The fail-safe function activates on each system when communication is impossible. (For further details, refer to the relevant systems of each part.)

ECM	Skid Control ECU	Steering Sensor	Yaw Rate Sensor	A/C Amplifier	Normal condition	Conditions when communication is impossible	DTC detection (Driver detectable)
В	A	В	В	-	VSC Control (Controls driving force while VSC is in operation)	VSC function stops	Detectable (Light comes on)
В	A	-	-	-	TRC control (Activation control and engine torque control usage during acceleration slip)	TRC function stops	Detectable (Light comes on)
В	-	-	-	A	A/C and PTC heater control	A/C control stops PTC heater control stops	Not Detectable (Detected when A/C is not effective)

HINT:

- Fail-safe function operation during an A-B communication error is shown in the above chart.
- A: Main control system
 - B: Related system

CA

Skid Control ECU Communication Stop Mode

DESCRIPTION

Detection Item	Symptom	Trouble Area		
SKID CONTROL ECU COMMUNICATION STOP MODE	 ABS/VSC/TRAC is not displayed on the "BUS CHECK" screen of the intelligent tester Applies to "SKID CONTROL ECU COMMUNICATION STOP MODE" in the "DTC, BUS CHECK COMBINATION TABLE" 	 Power source or inside the skid control ECU Skid control ECU sub bus line and connector 		

WIRING DIAGRAM





REPLACE BRAKE ACTUATOR ASSEMBLY