



























DTC Table

NOTE:

Be sure to perform [HVAC System Check](#) before starting DTC troubleshooting.

DTC		DTC name	DTC detecting condition	Priority of DTC code displayed by auto A/C panel		"AUTO" indicator
Displayed on SUZUKI scan tool	Displayed on auto A/C panel			Current	History	
—	End	—	Normality.	—	—	—
B1502-H	2.1	Inside Air Temperature Sensor and/or Its Circuit Malfunction	Inside air temperature sensor signal voltage is higher than specified value (4.9 V) for specified time continuously.	7	5	Lights up
B1502-L	2.2		Inside air temperature sensor signal voltage is lower than specified value (0.1 V) for specified time continuously.	8	6	Lights up
B1503	3.4	Evaporator Temperature Sensor and/or Its Circuit Malfunction	HVAC control module receives invalid data of evaporator temperature sensor from BCM continuously through CAN communication line.	30	26	Lights up
B1504-H	4.2	Driver Side Sunload Sensor and/or Its Circuit Malfunction	Driver side sunload sensor signal voltage is higher than specified value (3.9 V) for specified time continuously.	9	7	Lights up
B1504-L	4.1		Driver side sunload sensor signal voltage is lower than specified value (0.1 V) for specified time continuously.	35	—	Off
B1505-H	5.2	Passenger Side Sunload Sensor and/or Its Circuit Malfunction	Passenger side sunload sensor signal voltage is higher than specified value (3.9 V) for specified time continuously.	10	8	Lights up
B1505-L	5.1		Passenger side sunload sensor signal voltage is lower than specified value (0.1 V) for specified time continuously.	36	—	Off
B1511-H	20.1	Driver Side Temperature Control Actuator (Position Sensor) and/or Its Circuit Malfunction	Driver side temperature control actuator position sensor signal voltage is higher than specified value (4.8 V) for specified time continuously.	11	9	Lights up
B1511-L	20.2		Driver side temperature control actuator position sensor signal voltage is lower than specified value (0.1 V) for specified time continuously.	12	10	Lights up
B1512-H	23.1	Air Flow Control Actuator (Position Sensor) and/or Its Circuit Malfunction	Air flow control actuator position sensor signal voltage is higher than specified value (4.8 V) for specified time continuously.	17	15	Lights up
B1512-L	23.2		Air flow control actuator position sensor signal voltage is lower than specified value (0.1 V) for specified time continuously.	18	16	Lights up

B1513 	20.3	Driver Side Temperature Control Actuator (Motor) and/or Its Circuit Malfunction	Difference between target opening and actual opening is more than specified value even though driver side temperature control actuator has operated for specified time.	13	11	Lights up
B1514 	23.3	Air Flow Control Actuator (Motor) and/or Its Circuit Malfunction	Difference between target opening and actual opening is more than specified value even though air flow control actuator has operated for specified time.	19	17	Lights up
B1515-H 	21.1	Passenger Side Temperature Control Actuator (Position Sensor) and/or Its Circuit Malfunction	Passenger side temperature control actuator position sensor signal voltage is higher than specified value (4.8 V) for specified time continuously.	14	12	Lights up
B1515-L 	21.2		Passenger side temperature control actuator position sensor signal voltage is lower than specified value (0.1 V) for specified time continuously.	15	13	Lights up
B1517 	21.3	Passenger Side Temperature Control Actuator (Motor) and/or Its Circuit Malfunction	Difference between target opening and actual opening is more than specified value even though passenger side temperature control actuator has operated for specified time.	16	14	Lights up
B1530-H 	26.1	Air Intake Control Actuator (Position Sensor) and/or Its Circuit Malfunction	Air intake control actuator position sensor signal voltage is higher than specified value (4.8 V) for specified time continuously.	20	18	Lights up
B1530-L 	26.2		Air intake control actuator position sensor signal voltage is lower than specified value (0.1 V) for specified time continuously.	21	19	Lights up
B1531 	26.3	Air Intake Control Actuator and/or Its Circuit Malfunction	Difference between target opening and actual opening is more than specified value even though air intake control actuator has operated for specified time.	22	20	Lights up
B1540 	54.1	Panel Back-Up Power Supply Circuit Malfunction	Battery voltage of auto A/C panel is not detected when ignition mode of keyless push start system is in "OFF".	24	—	Off
B1541 	50.1	Back-Up Power Supply Circuit Malfunction	Back-up power supply voltage is lower than specified value (3.6 V) for specified time continuously.	23	—	Off
B1544 	30.4	Invalid Data between HVAC Control Module and Auto A/C Panel	HVAC control module sent invalid signal to Auto A/C panel.	6	4	Lights up
	30.5		HVAC control module received invalid signal from auto A/C panel.	5	3	Lights up
B1546 	13.6	A/C Refrigerant Pressure Malfunction	A/C refrigerant pressure is less than specified value, though outside temperature is more than specified value.	34	—	Off
B1550-H 	30.1	Lost Communication between HVAC Control Module and Auto A/C Panel	Between HVAC control module and auto A/C panel communication signal voltage is higher than specified value for specified time continuously.	3	1	Lights up
B1550-L 	30.2		Between HVAC control module and auto A/C panel communication signal voltage is lower than specified	4	2	Lights up

			value for specified time continuously.			
B1557 	11.4	Wheel Speed Sensor and/or Its Circuit Malfunction	HVAC control module receives invalid data of vehicle speed sensor signal from ECM.	32	28	Lights up
B1561 	10.4	Engine Coolant Temperature Sensor and/or Its Circuit Malfunction	HVAC control module receives invalid data of ECT signal from ECM.	31	27	Lights up
B1562 	1.4	Outside Air Temperature Sensor and/or Its Circuit Malfunction	HVAC control module receives invalid data of outside air temperature signal from BCM continuously through CAN communication line.	29	25	Lights up
B1563 	13.4	A/C Refrigerant Pressure Sensor and/or Its Circuit Malfunction	HVAC control module receives invalid data of A/C refrigerant pressure signal from ECM.	33	—	Off
B1580 	62.6	EEPROM Error	EEPROM error has occurred in HVAC control module.	1	—	Off
B1581 	64.6	Panel EEPROM Error	EEPROM error has occurred in auto A/C panel.	2	—	Off
U0073 	33.4	Control Module Communication Bus Off	Transmitting and receiving error of HVAC control module for specified time continuously.	25	21	Lights up
U0100 	35.4	Lost Communication with ECM	Receiving error of HVAC control module from ECM for specified time continuously.	27	23	Lights up
U0140 	34.4	Lost Communication with BCM	Receiving error of HVAC control module from BCM for specified time continuously.	26	22	Lights up
U0155 	37.4	Lost Communication with Instrument Panel Cluster (IPC) Control Module	Receiving error of HVAC control module from combination meter for specified time continuously.	28	24	Lights up