

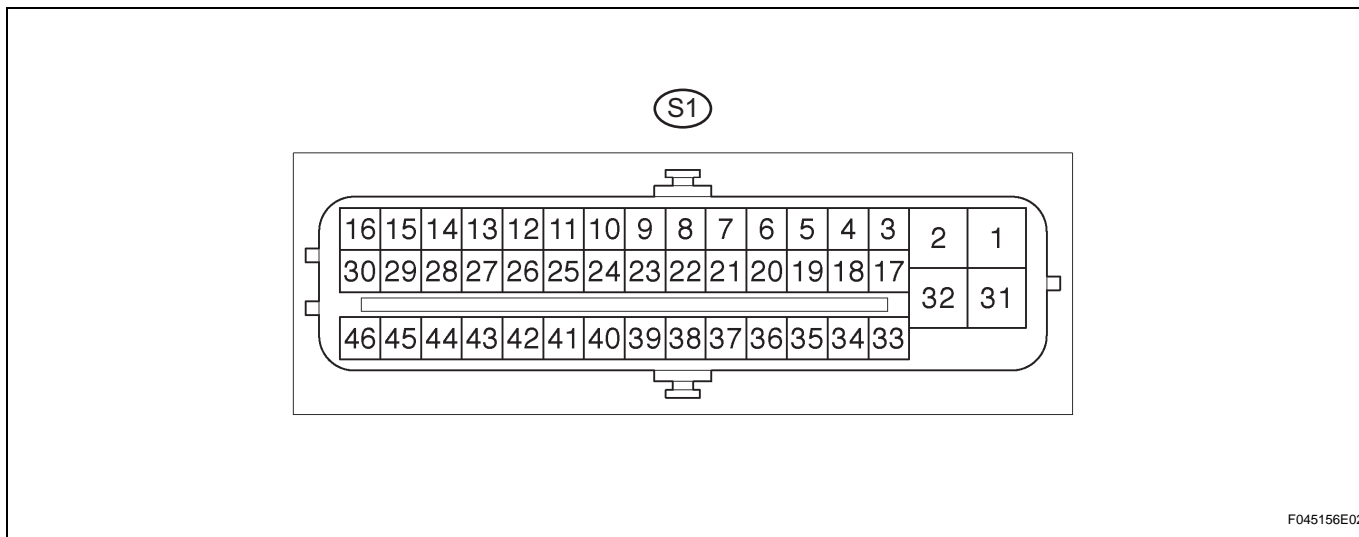
PROBLEM SYMPTOMS TABLE

TIRE PRESSURE WARNING SYSTEM

Symptom	Suspected area	See page
Tire pressure warning light does not come on after ignition switch is turned ON.	1. Check multiplex communication system	MP-6
	2. Tire pressure warning light circuit	TW-24
	3. Brake actuator assembly	-
Tire pressure warning light remains on after ignition switch is turned ON.	1. Tire pressure warning light circuit	TW-24
	2. Brake actuator assembly	-
Tire pressure warning light blinks at 0.5 second intervals.	1. Check the DTCs for the ABS system.	BC-3
	2. Check the DTCs for the tire pressure warning system.	TW-17
	3. Brake actuator assembly	-
Tire pressure warning light blinks at 0.25 second intervals.	1. Initialize the tire pressure warning system (step 1.)	TW-8
	2. Brake actuator assembly	-
ECU is initialized (tire pressure warning switch is ON), but tire pressure warning light does not blink.	1. Check initialization	TW-8
	2. Tire pressure warning standardization switch circuit	TW-22
	3. Brake actuator assembly	-
Tire pressure warning light comes on while driving, but lamp goes off without supplying tire air pressure. *1	1. Check tire pressure warning light (step 3.)	TW-8
	2. Tire pressure warning light circuit	TW-24
	3. Brake actuator assembly	-
Tire pressure warning light comes on, but tire air pressure is in the standard value. *2	1. Check if vehicle wears appropriate size tire.	TW-1
	2. Ambient temperature sensor circuit	TW-26
	3. Tire pressure warning light circuit	TW-24
	4. Brake actuator assembly	-
Tire pressure warning light remains off, even when tire air pressure decreased. *3	1. Check if vehicle wears appropriate size tire.	TW-1
	2. Ambient temperature sensor circuit	TW-26
	3. Tire pressure warning light circuit	TW-24
	4. Brake actuator assembly	-
Tire pressure warning light comes on while driving, but light remains lit after correcting tire pressure.	1. Check tire pressure warning light (step3)	TW-8
	2. Tire pressure warning light circuit	TW-24
	3. Ambient temperature sensor circuit	TW-26
	4. Brake actuator assembly	-
DTC check cannot be completed.	1. Check DTCs for ABS system.	BC-21
	2. TC terminal circuit	-
	3. Tire pressure warning light circuit	TW-24
	4. Brake actuator assembly	-
Test mode cannot be completed.	1. Check the DTCs for the ABS system.	BC-21
	2. TS terminal circuit	-
	3. Brake actuator assembly	-

TERMINALS OF ECU

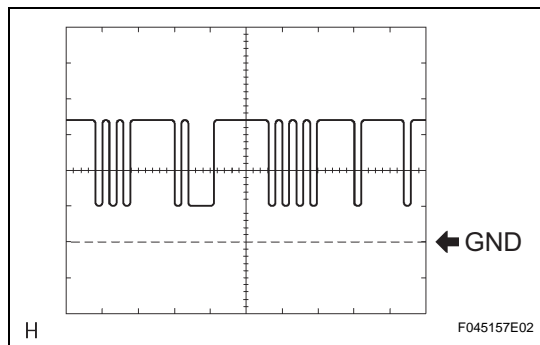
1. SKID CONTROL ECU



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Symbols (Terminal No.)	Wiring Color	Terminal Description	Condition	Specified Condition
TRC+ (8) - TRC- (22)	BR - P	ECM communication output	Ignition switch ON	Pulse generation
ENG+ (9) - GND1 (32)	G - W-B	ECM serial communication line (+) input signal	Ignition switch ON and vehicle speed 30 km/h (19 mph) or more	Pulse generation 1 reference
D/G (13) - GND1 (32)	L-B - W-B	Diagnosis tester communication line	Ignition switch ON	10 to 14 V
ENG- (23) - GND1 (32)	L-B - W-B	ECM serial communication line (-) input signal	Ignition switch ON and engine idle speed	Pulse generation 2 reference
STP1 (27) GND1 (32) -	W - W-B	Stop light switch assembly input signal	Brake pedal depressed	10 to 14 V
			Brake pedal released	Below 1.5 V
GND1 (32) - Body ground	W-B - Body ground	Ground	Always	Below 1 Ω
INIT (41) GND1 (32)	L - W-B	Tire pressure warning standardization switch signal	Ignition switch ON and tire pressure warning switch ON	Below 3 V
			Ignition switch ON and tire pressure warning switch OFF	10 to 14 V

(a) Pulse generation 1:
Reference

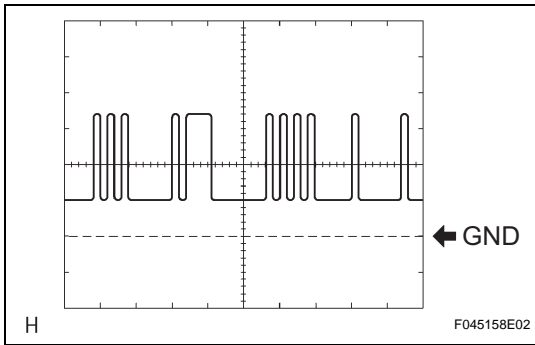


Item	Condition
Terminal	ENG+ - GND1
Tool setting	1 V/DIV, 0.5 ms/DIV
Vehicle condition	Engine idle speed

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(b) Pulse generation 2:
Reference



Item	Condition
Terminal	ENG- - GND1
Tool setting	1 V/DIV, 0.5 ms/DIV
Vehicle condition	Engine idle speed