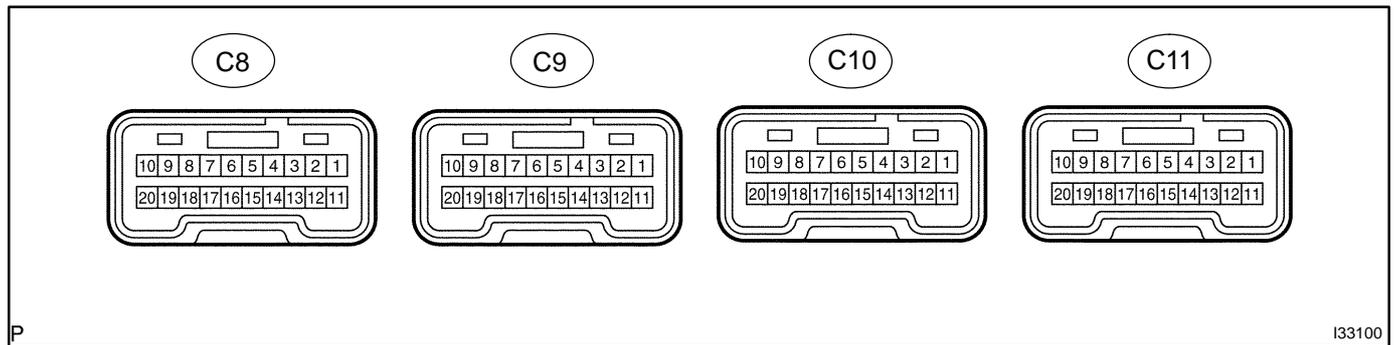


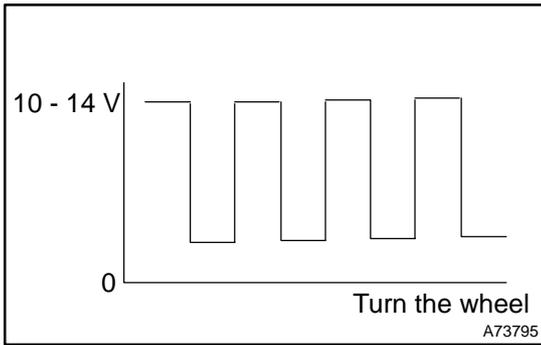
TERMINALS OF ECU



Terminal No.	Wiring color	Condition	STD voltage
C8-6 ⇔ Body ground (*4)	V-W ⇔ Body ground	Ignition switch ON and Washer level indicator light OFF → ON	10 - 14 V → Below 1 V
C8-7 ⇔ Body ground	R-B ⇔ Body ground	Ignition switch ON and Check engine warning light OFF → ON	10 - 14 V → Below 1 V
C8-8 ⇔ Body ground	LG-B ⇔ Body ground	Ignition switch ON and Oil pressure indicator light OFF → ON	10 - 14 V → Below 1 V
C8-11 ⇔ Body ground	LG ⇔ Body ground	Ignition switch ON and CRUISE indicator light OFF → ON	10 - 14 V → Below 1 V
C8-13 ⇔ Body ground	R-G ⇔ Body ground	Ignition switch ON and Beam indicator light OFF → ON	10 - 14 V → Below 1 V
C8-14 ⇔ Body ground	R-W ⇔ Body ground	Any condition	10 - 14 V
C8-15 ⇔ Body ground (*5)	P ⇔ Body ground	Ignition switch ON and A/T Oil temp indicator light OFF → ON	10 - 14 V → Below 1 V
C8-17 ⇔ Body ground	V-Y ⇔ Body ground	Door close → open	Below 1 V → 10 - 14 V
C9-2 ⇔ Body ground	BR-B ⇔ Body ground	Ignition switch OFF → ON	Signal wave
C9-3 ⇔ Body ground	W-L ⇔ Body ground	Ignition switch OFF → ON	Signal wave
C9-4 ⇔ Body ground	GR-R ⇔ Body ground	Ignition switch ON and turn the wheel slowly	Puls generation (*1)
C9-5 ⇔ Body ground	V-R ⇔ Body ground	Ignition switch ON and turn the wheel slowly	Puls generation (*1)
C9-6 ⇔ Body ground	B-W ⇔ Body ground	Ignition switch OFF → ON	Puls generation (*2)
C9-7 ⇔ Body ground	L-B ⇔ Body ground	Ignition switch ON and Temperature gauge COOL → HOT	Below 1 V → 4 - 5 V
C9-8 ⇔ Body ground	R-L ⇔ Body ground	Ignition switch OFF → ON	Puls generation (*3)
C9-9 ⇔ Body ground	B ⇔ Body ground	ODO/TRIP switch OFF → ON	Below 1 V → 10 - 14 V
C9-10 ⇔ Body ground	B-L ⇔ Body ground	Reset switch OFF → ON	Below 1 V → 10 - 14 V
C9-12 ⇔ Body ground	G-Y ⇔ Body ground	Ignition switch ON and driver side seat belt unfastened → fastened	Below 1 V → 10 - 14 V
C9-13 ⇔ Body ground	GR-B ⇔ Body ground	Ignition switch ON and Front passenger side seat belt unfastened → fastened	Below 1 V → 10 - 14 V
C9-16 ⇔ Body ground	B-Y ⇔ Body ground	Ignition ON → START	10 - 14 V ⇔ Below 1 V
C9-18 ⇔ Body ground	LG ⇔ Body ground	Ignition switch ON and Front passenger side seat belt warning light OFF → ON	Below 1 V → 10 - 14 V
C9-19 ⇔ Body ground	V-G ⇔ Body ground	Ignition switch OFF and buzzer sound → no sound	Below 1 V → 10 - 14 V

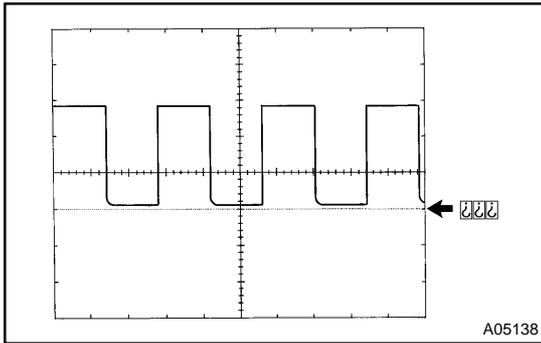
DIAGNOSTICS - COMBINATION METER (1GR-FE)

Terminal No.	Wiring color	Condition	STD voltage
C10-1 ⇔ Body ground	R-Y ⇔ Body ground	Ignition switch ON and A/T R indicator light OFF → ON	Below 1 V → 10 - 14 V
C10-2 ⇔ Body ground	B-Y ⇔ Body ground	Ignition switch ON and SRS indicator light OFF → ON	Below 1 V → 10 - 14 V
C10-3 ⇔ Body ground	BR-R ⇔ Body ground	Ignition switch ON and Fuel level is full → empty	Below 1 V → 4 - 5 V
C10-5 ⇔ Body ground	B-O ⇔ Body ground	Ignition switch OFF → ON	Below 1 V → 10 - 14 V
C10-7 ⇔ Body ground	W-G ⇔ Body ground	Ignition switch OFF → ON	Below 1 V → 10 - 14 V
C10-8 ⇔ Body ground	W-L ⇔ Body ground	Driver side door is close → open	Below 1 V → 10 - 14 V
C10-9 ⇔ Body ground	G ⇔ Body ground	Combination switch OFF → Tail	Below 1 V → 10 - 14 V
C10-11 ⇔ Body ground	Y-B ⇔ Body ground	Any Condition	Continuity
C10-13 ⇔ Body ground	BR ⇔ Body ground	Any Condition	Continuity
C10-15 ⇔ Body ground	R-L ⇔ Body ground	Ignition switch OFF → ON	Below 1 V → 10 - 14 V
C10-16 ⇔ Body ground	R ⇔ Body ground	Any Condition	10 - 14 V
C10-17 ⇔ Body ground	L-W ⇔ Body ground	Ignition switch ON and VSC OFF (*5), TRAC OFF (*6) indicator light OFF → ON	10 - 14 V → Below 1 V
C10-18 ⇔ Body ground	Y-R ⇔ Body ground	Ignition switch ON and VSC TRAC indicator light OFF → ON	10 - 14 V → Below 1 V
C10-20 ⇔ Body ground	R ⇔ Body ground	Ignition switch ON and Slip indicator light OFF → ON	10 - 14 V → Below 1 V
C11-2 ⇔ Body ground	B-L ⇔ Body ground	Ignition switch ON and Brake indicator light OFF → ON	Below 1 V → 10 - 14 V
C11-3 ⇔ Body ground	LG ⇔ Body ground	Ignition switch ON and Brake indicator light OFF → ON	10 - 14 V → Below 4 V
C11-4 ⇔ Body ground	LG-R ⇔ Body ground	Ignition switch ON and ABS indicator light OFF → ON	Below 1 V → 10 - 14 V
C11-5 ⇔ Body ground	W-G ⇔ Body ground	Ignition switch ON and 4WD indicator light OFF → ON	10 - 14 V → Below 1 V
C11-6 ⇔ Body ground	G-R ⇔ Body ground	Ignition switch ON and CTR DIFF LOCK indicator light OFF → ON	10 - 14 V → Below 1 V
C11-7 ⇔ Body ground	BR-W ⇔ Body ground	Ignition switch ON and 4 LO indicator light OFF → ON	10 - 14 V → Below 1 V
C11-8 ⇔ Body ground	GR ⇔ Body ground	Ignition switch ON and Charge indicator light OFF → ON	10 - 14 V → Below 1 V
C11-10 ⇔ Body ground (*5)	BR-Y ⇔ Body ground	Ignition switch ON and DAC indicator light OFF → ON	10 - 14 V → Below 1 V
C11-14 ⇔ Body ground	B-L ⇔ Body ground	Ignition switch ON and A/T L indicator light OFF → ON	Below 1 V → 10 - 14 V
C11-15 ⇔ Body ground	P-L ⇔ Body ground	Ignition switch ON and A/T 2 indicator light OFF → ON	Below 1 V → 10 - 14 V
C11-16 ⇔ Body ground	L ⇔ Body ground	Ignition switch ON and A/T 3 indicator light OFF → ON	Below 1 V ⇔ 10 - 14 V
C11-18 ⇔ Body ground	W ⇔ Body ground	Ignition switch ON and A/T D indicator light OFF → ON	Below 1 V → 10 - 14 V
C11-19 ⇔ Body ground	G-W ⇔ Body ground	Ignition switch ON and A/T N indicator light OFF → ON	Below 1 V → 10 - 14 V
C11-20 ⇔ Body ground	G-B ⇔ Body ground	Ignition switch ON and A/T P indicator light OFF → ON	Below 1 V → 10 - 14 V



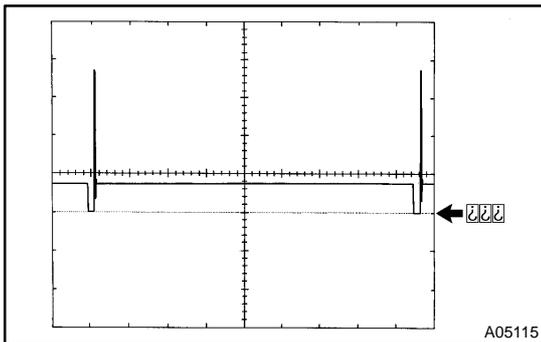
*1: Reference: Using oscilloscope:

Item	Contents
Tool setting	10 V/ DIV, 20 ms/ DV
Vehicle condition	Engine idle speed



*2: Reference: Using oscilloscope:

Item	Contents
Tool setting	10 V/ DIV, 20 ms/ DV
Vehicle condition	Engine idle speed



*3: Reference: Using oscilloscope:

Item	Contents
Tool setting	10 V/ DIV, 20 ms/ DV
Vehicle condition	Engine idle speed

*4: Canada model

*5: 4WD

*6: 2WD