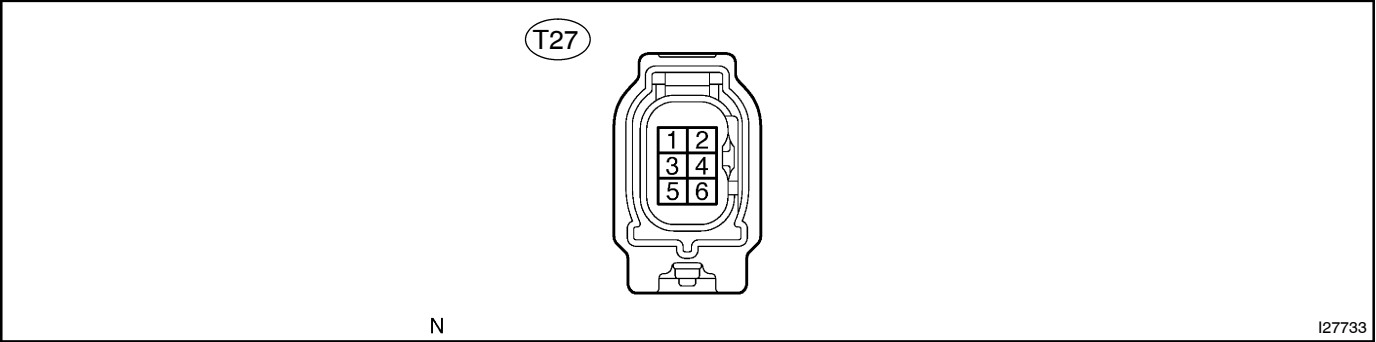
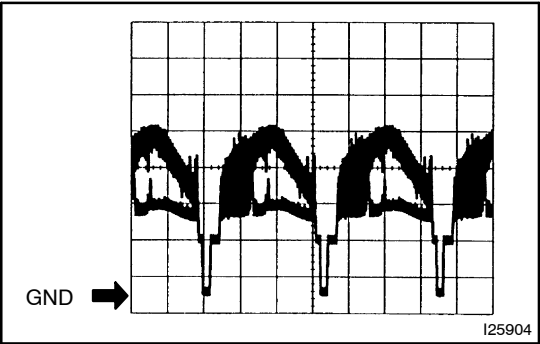


TERMINALS OF ECU
1. TELEVISION CAMERA ASSY



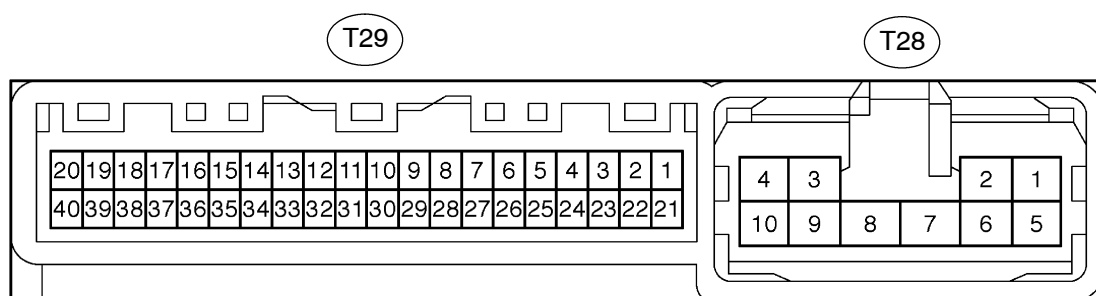
Symbols (Terminal No.)	Wiring Color	Terminal Description	Condition	Specified value
CV- (T27-1) – CGND (T27 -3)	BR – W	Display signal (-)	Always	Below 1 Ω
CV+ (T27 -2) – CGND (T27 -3)	R – W	Display signal (+)	IG switch ON, shift lever R position	Signal waveform 1
CGND (T27 -3) – Body ground	W – Body ground	Power ground	Always	Below 1 Ω
CB+ (T27 -4) – CGND (T27 -3)	B – W	Power source	IG switch ON, shift lever R position	6 V



(a) Reference:
Oscilloscope waveform
(1) Waveform 1

Item	Content
Measure terminal	CV+ – CV-
Measure set	0.2V/DIV, 0.2 μS/DIV
Condition	Ignition switch: ON, Shift lever: R position

2. TELEVISION CAMERA ECU

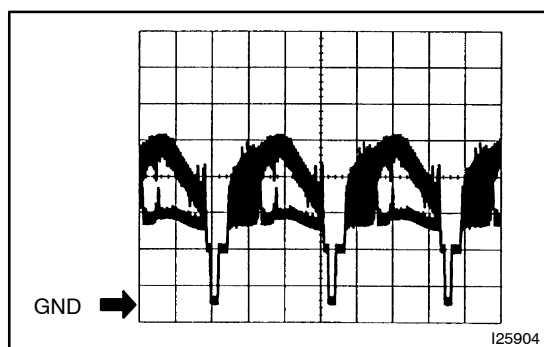


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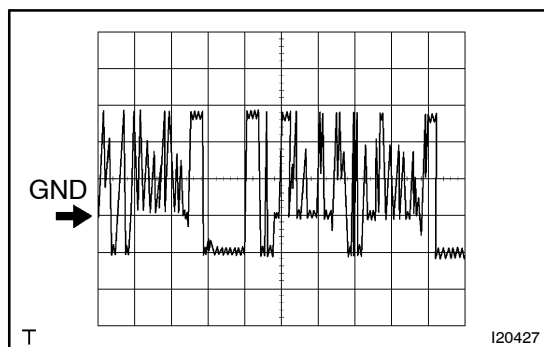
Symbols (Terminal No.)	Wiring Color	Terminal Description	Condition	Specified value
+B (T29 -1) - GND1 (T29-8)	L-Y - W-B	Battery Supply	Always	10 to 14 V
IG (T29 -2) - GND1 (T29-8)	B-W - W-B	IG signal input	IG switch ON	10 to 14 V
ACC (T29 -5) - GND1 (T29-8)	GR - W-B	ACC signal input	IG switch ON or ACC	10 to 14 V
GND1 (T29-8) - Body ground	W-B - Body ground	Power ground	Always	Below 1 Ω
VG (T28 -9) - GND1 (T29-8)	Shielded - W-B	Display signal output ground (Shielded)	Always	Below 1 Ω
R (T28 -10) - GND1 (T29-8)	Y - W-B	Display signal output (Red)	While displaying map or back monitor	Signal waveform 2
G (T28 -11) - GND1 (T29-8)	W - W-B	Display signal output (Green)	While displaying map or back monitor	Signal waveform 2
B (T28 -12) - GND1 (T29-8)	R - W-B	Display signal output (Blue)	While displaying map or back monitor	Signal waveform 2
B1 (T28-13) - GND1 (T29-8)	R - W-B	Display signal input (Blue)	While displaying map	Signal waveform 2
G1 (T28-14) - GND1 (T29-8)	W - W-B	Display signal input (Green)	While displaying map	Signal waveform 2
R1 (T28-15) - GND1 (T29-8)	Y - W-B	Display signal input (Red)	While displaying map	Signal waveform 2
VG1 (T28-16) - GND1 (T29-8)	Shielded - W-B	Display signal input ground (Shielded)	Always	Below 1 Ω
CGND (T28 -19) - GND1 (T29-8)	W - W-B	Television camera ground	Always	Below 1 Ω
CB+ (T28 -20) - GND1 (T29-8)	B - W-B	Power source to television camera	IG switch ON, shift lever R position	6 V
REV (T28 -27) - GND1 (T29-8)	R-B - W-B	Reverse signal input	IG switch ON, shift lever R position	10 to 14 V
TX+ (T28 -29)	P	AVC-LAN control bus	See "Service check mode"	-
TX- (T28-30)	L-B	AVC-LAN control bus	See "Service check mode"	-
SYNC (T28 -31) - GND1 (T29-8)	G - W-B	Synchronized signal output	While displaying map or back monitor	Signal waveform 3
VR (T28 -32) - GND1 (T29-8)	B - W-B	Display signal output ground	Always	Below 1 Ω

VR1 (T28-33) - GND1 (T29-8)	B - W-B	Display signal input ground	Always	Below 1 Ω
SYN1 (T28-34) - GND1 (T29-8)	G - W-B	Synchronized signal input	While displaying map	Signal waveform 3
TX1- (T28-35)	L-B	AVC-LAN control bus	See "Service check mode"	-
TX1+ (T28-36)	P	AVC-LAN control bus	See "Service check mode"	-
CV- (T28-39) - GND1 (T29-8)	Shielded - W-B	Television camera ground (Shielded)	Always	Below 1 Ω
CV+ (T28-40) - GND1 (T29-8)	R - W-B	Display signal of television camera input	IG switch ON, shift lever R position	Signal waveform 1



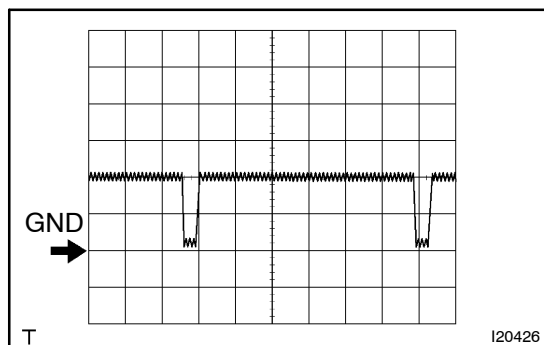
(a) Reference:
Oscilloscope waveform
(1) Waveform 1

Item	Content
Measure terminal	CV+ - GND1
Measure set	0.2 V/DIV, 0.2 μ S/DIV
Condition	Ignition switch: ON, Shift lever: R position



(2) Waveform 2

Item	Content
Terminal	R, G, B, R 1, G1, B1, - GND1
Measure set	200 mV/DIV, 10 μ S/DIV
Condition	Image is being displayed (Back guide monitor system or navigation system).



(3) Waveform 3

Item	Content
Terminal	SYNC, SYN 1 - GND1
Measure set	500 mV/DIV, 10 μ S/DIV
Condition	Image is being displayed (Back guide monitor system or navigation system).