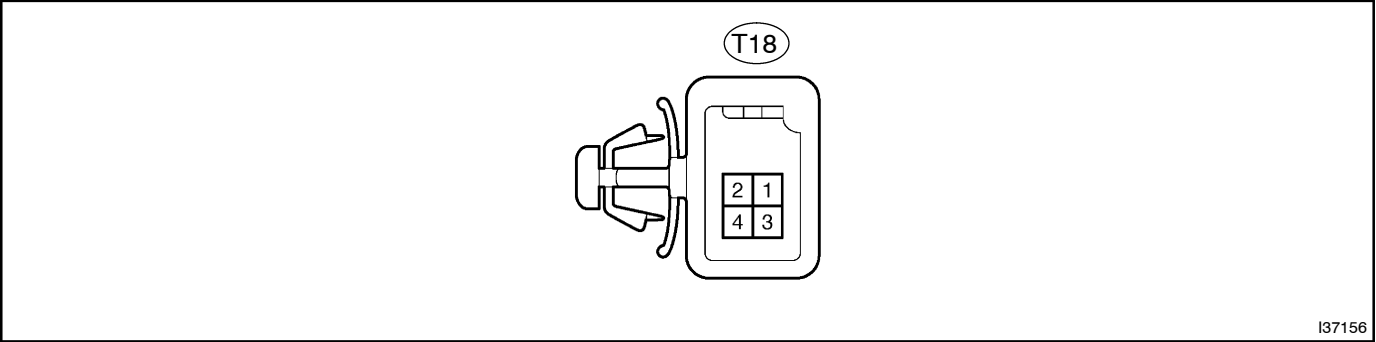
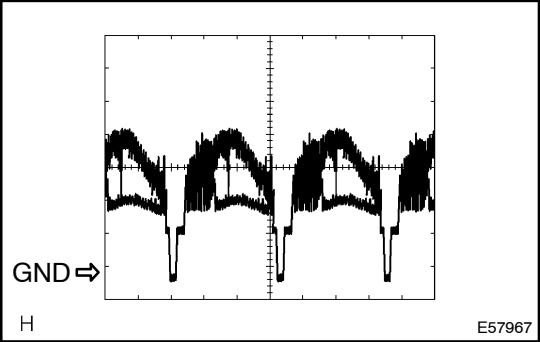


TERMINALS OF ECU

1. TELEVISION CAMERA ASSY



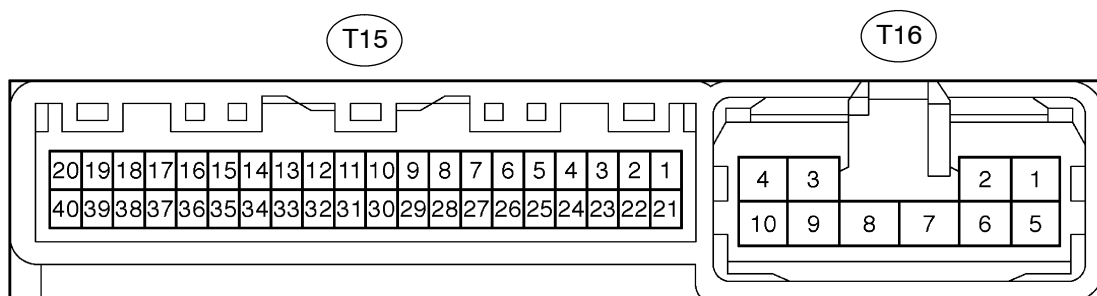
Symbols (Terminal No.)	Wiring Color	Terminal Description	Condition	Specified value
CV- (T18-1) - CGND (T18-3)	BR - R-L	Display signal (-)	Always	Below 1 $\Omega$
CV+ (T18-2) - CGND (T18-3)	B - R-L	Display signal (+)	IG switch ON, shift lever R position	Pulse generation (see wave form 1)
CGND (T18-3) - Body ground	R-L - Body ground	Power ground	Always	Below 1 $\Omega$
CB+ (T18-4) - CGND (T18-3)	R-W - R-L	Power source	IG switch ON, shift lever R position	6 V



(a) Reference:  
(1) Wave form 1

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

## 2. TELEVISION CAMERA ECU



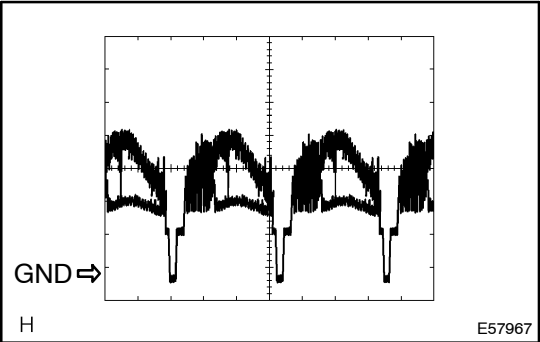
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Symbols (Terminal No.)	Wiring Color	Terminal Description	Condition	Specified value
+B (T16-1) – GND1 (T16-8)	L-Y – W-B	Battery supply	Always	10 to 14 V
IG (T16-2) – GND1 (T16-8)	B-R – W-B	IG signal input	IG switch ON	10 to 14 V
ACC (T16-5) – GND1 (T16-8)	GR – W-B	ACC signal input	IG switch ON or ACC	10 to 14 V
GND1 (T16-8) – Body ground	W-B – Body ground	Power ground	Always	Below 1 Ω
SS2- (T15-1) – GND1 (T16-8)	Y-B – W-B	Steering angle sensor signal input	IG switch ON	2.5 V
SS2+ (T15-2) – GND1 (T16-8)	P – W-B	Steering angle sensor signal input	IG switch ON	2.5 V
SPD (T15-5) – GND1 (T16-8)	W-R – W-B	Vehicle speed input	Driving at more than 3 km/h (1.86 mph)	Repeat between 9 V and less than 1 V
VG (T15-9) – GND1 (T16-8)	LG – W-B	Display signal output ground (Shielded)	Always	Below 1 Ω
R (T15-10) – GND1 (T16-8)	R – W-B	Display signal output (Red)	While displaying back monitor	Pulse generation (see wave form 2)
G (T15-11) – GND1 (T16-8)	L – W-B	Display signal output (Green)	While displaying back monitor	Pulse generation (see wave form 2)
B (T15-12) – GND1 (T16-8)	Y – W-B	Display signal output (Blue)	While displaying back monitor	Pulse generation (see wave form 2)
CGND (T15-19) – GND1 (T16-8)	L – W-B	Television camera ground	Always	Below 1 Ω
CB+ (T15-20) – GND1 (T16-8)	G – W-B	Power source to television camera	IG switch ON, shift lever R position	Approx. 6 V
REV (T15-27) – GND1 (T16-8)	R-B – W-B	Reverse signal input	IG switch ON, shift lever R position	10 to 14 V
TX+ (T15-29) – GND1 (T16-8)	G – W-B	AVC-LAN control bus	IG switch ACC	2 to 3 V
TX- (T15-30) – GND1 (T16-8)	R – W-B	AVC-LAN control bus	IG switch ACC	2 to 3 V
SYNC (T15-31) – GND1 (T16-8)	BR – W-B	Synchronized signal output	While displaying back monitor	Pulse generation (see wave form 3)
VR (T15-32) – GND1 (T16-8)	W – W-B	Display signal output ground	Always	Below 1 Ω

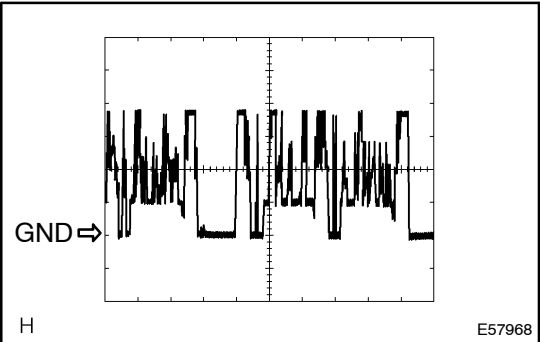
CV- (T15-39) – GND1 (T16-8)	Shielded – W-B	Television camera ground (Shielded)	Always	Below 1 $\Omega$
CV+ (T15-40) – GND1 (T16-8)	Y – W-B	Display signal of television camera input	IG switch ON, shift lever R position	Pulse generation (see wave form 1)

\*1: LHD  
\*2: RHD



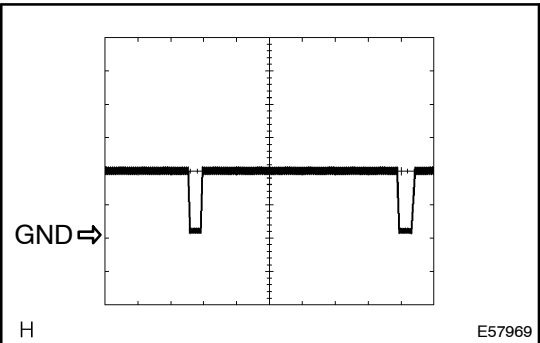
(a) Reference:  
(1) Wave form 1

Item	Content
Measure terminal	CV+ – GND1
Measure set	0.2 V/DIV, 0.2 $\mu$ S/DIV
Condition	Ignition switch: ON, Shift lever: R position



(2) Wave form 2

Item	Content
Terminal	R, G, B – GND1
Measure set	200 mV/DIV, 10 $\mu$ S/DIV
Condition	Image is being displayed (Back guide monitor system).



(3) Wave form 3

Item	Content
Terminal	SYNC – GND1
Measure set	500 mV/DIV, 10 $\mu$ S/DIV
Condition	Image is being displayed (Back guide monitor system).