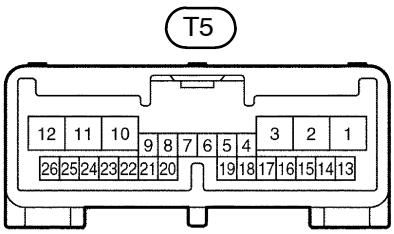
05J0B–01

TERMINALS OF ECU

1. TRANSMISSION CONTROL ECU ASSY

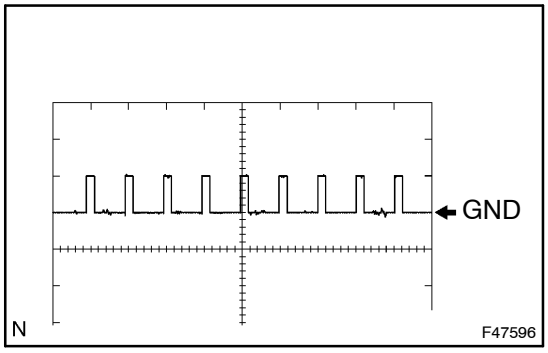
HINT:

Inspect the connectors from the back side while the connector is connected.



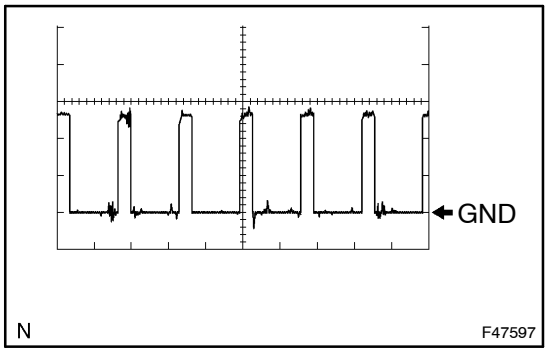
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Terminal No. (Symbols)	Wiring color	Terminal description	Condition	Specified value
T5–1 – T5–15 (+B – E1)	L – W–B	Power source	Power switch on (IG)	9 to 14 V
T5–2 (E02) – Body ground	W–B – Body ground	Ground	Always	Below 1 V
T5–3 (E01) – Body ground	W–B – Body ground	Ground	Always	Below 1 V
T5–4 – T5–16 (RZ1 – E2)	L – P	Rotation angle sensor signal	Power switch on (IG)	4 to 5.5 V
T5–5 – T5–16 (RB – E2)	GR – P	Rotation angle sensor signal	Power switch on (IG)	4 to 5.5 V
T5–6 – T5–16 (RA – E2)	LG – P	Rotation angle sensor signal	Power switch on (IG)	4 to 5.5 V
T5–7 – T5–15 (PCON – E1)	LG – W–B	Communication Bus	Power switch on (IG)	Pulse generation (see wave form 1)
T5–8 – T5–15 (PPOS – E1)	W – W–B	Communication Bus	Power switch on (IG)	Pulse generation (see wave form 2)
T5–9 – T5–15 (IND – E1)	R – W–B	P position switch indicator light	P position switch on	Below 1 V
T5–10 – T5–15 (MWA – E1)	W – W–B	Parking lock motor	Power switch on (IG)	9 to 14 V
T5–11 – T5–15 (MVA – E1)	R – W–B	Parking lock motor	Power switch on (IG)	9 to 14 V
T5–12 – T5–15 (MUA – E1)	B – W–B	Parking lock motor	Power switch on (IG)	9 to 14 V
T5–13 – T5–15 (BATT – E1)	L – W–B	Power source (RAM)	Always	9 to 14 V
T5–14 – T5–15 (BMA – E1)	B – W–B	P CON relay	Power switch on (IG)	9 to 14 V
T5–15 (E1) – Body ground	W–B – Body ground	Ground	Always	Below 1 V
T5–16 (E2) – Body ground	P – Body ground	Ground	Always	Below 1 V
T5–17 – T5–16 (VC – E2)	O – P	Power source (Rotation angle sensor)	Power switch on (IG)	4.5 to 5.5 V
T5–18 – T5–15 (MPX2 – E1)	B – W–B	Multiplex communication	Power switch off Power switch on (IG)	Below 1 V Pulse generation
T5–19 – T5–15 (MPX1 – E1)	GR – W–B	Multiplex communication	Power switch off Power switch on (IG)	Below 1 V Pulse generation
T5–20 – T5–15 (SIL – E1)	W – W–B	Diagnosis tester communication	Power switch on (IG)	8 V or higher



(a) Wave form 1

Item	Content
Measure terminal	PCON – E1
Measure set	5V/DIV, 20 ms/DIV
Condition	Power switch on (IG)



(b) Wave form 2

Item	Content
Measure terminal	PPOS – E1
Measure set	5V/DIV, 20 ms/DIV
Condition	Power switch on (IG)