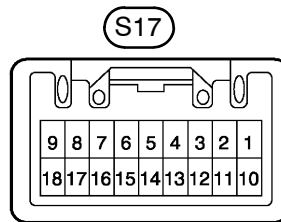


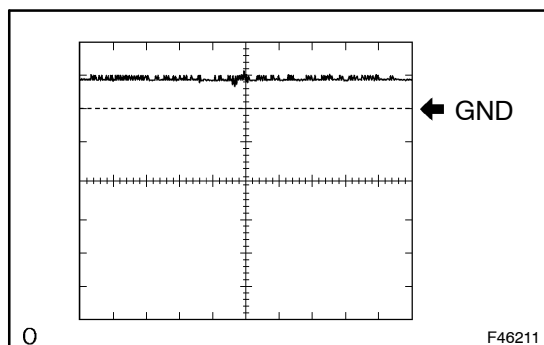
TERMINALS OF ECU

1. STEERING LOCK ECU



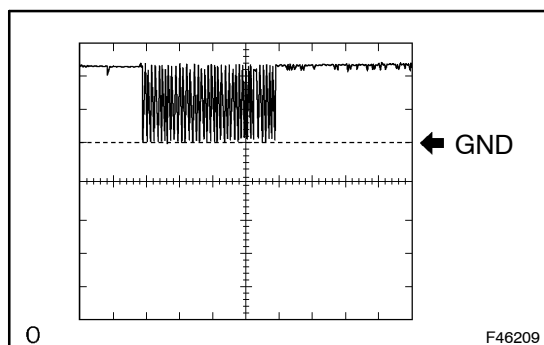
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Terminal No. (Symbols)	Wiring color	Terminal description	Condition	Specified value
S17-1 - S17-9 (CPUB - GND)	V-Y - W-B	Power source (ECU, BEAN)	Always	10 to 14 V
S17-2 - S17-9 (IG2 - GND)	B - W-B	<ul style="list-style-type: none"> Power source (BEAN) IG switch ON signal 	Ignition switch in ON position	10 to 14 V
S17-3 - S17-9 (P2SW - GND)	LG - W-B	Shift P signal	Shift lever in P position	3 V or higher
S17-4 - S17-9 (EFII - GND)	GR-R - W-B	ECM (EFI) communication	Always	Pulse generation (see wave form 1)
S17-6 - S17-9 (MPX2 - GND)	P-L - W-B	Multiplex communication	IG switch OFF	Below 1 V
S17-7 - S17-9 (VC5 - GND)	R - W-B	Power source (Immobilizer Amplifier)	Ignition key inserted	4.5 to 5.5 V
S17-8 - S17-9 (RXCK - GND)	L - W-B (LHD) L-W - W-B (RHD)	Transponder key ECU communication	Ignition key inserted	Pulse generation (see wave form 2)
S17-9 - Body ground (GND - Body ground)	W-B - Body ground	Ground	Always	Below 1 V
S17-10 - S17-9 (+B - GND)	R-L - W-B (LHD) B-L-W-B (RHD)	Power source (ECU, steering lock motor)	Always	10 to 14 V
S17-11 - S17-9 (PUSH - GND)	P-B - W-B	Push switch signal	Push switch pushed ON	Below 1 V
S17-12 - S17-9 (KSW - GND)	LG-B - W-B	Key switch signal	Key switch ON (Ignition key inserted)	Below 1 V
S17-13 - S17-9 (EFIO - GND)	GR-G - W-B	ECU (EFI) communication	Ignition key inserted	Pulse generation (see wave form 3)
S17-15 - S17-9 (MPX1 - GND)	P-L - W-B	Multiplex communication	IG switch OFF	Below 1 V
S17-16 - S17-9 (TXCT - GND)	Y-B - W-B	Transponder key ECU communication	Ignition key inserted	Pulse generation (see wave form 4)
S17-17 - S17-9 (CODE - GND)	O - W-B	Transponder key ECU communication	Ignition key inserted	Pulse generation (see wave form 5)
S17-18 - Body ground (AGND - Body ground)	V - Body ground	Ground (Immobilizer Amplifier)	Always	Below 1 V



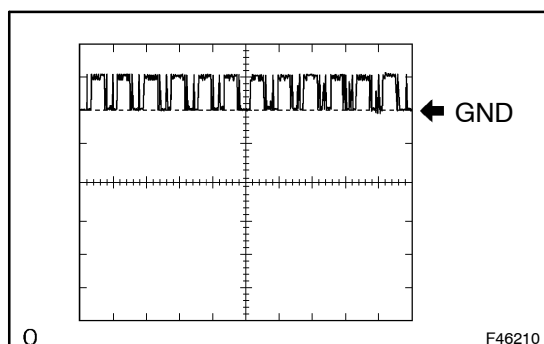
(a) Wave form 1

Item	Content
Measure terminal	EFII - GND
Measure set	12V/DIV, 5 ms/DIV
Condition	Always



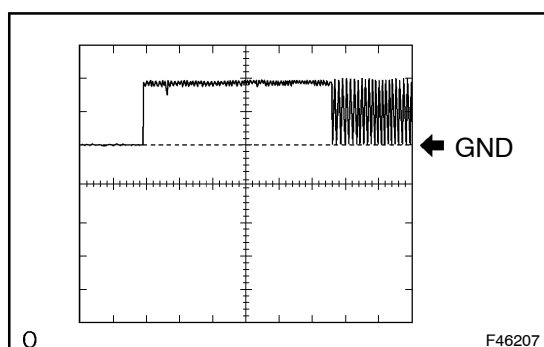
(b) Wave form 2

Item	Content
Measure terminal	RXCK - GND
Measure set	5V/DIV, 50 ms/DIV
Condition	Ignition key inserted



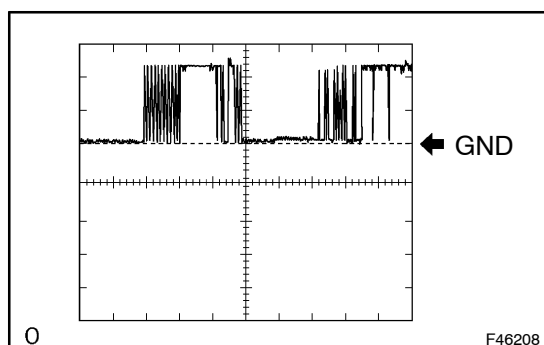
(c) Wave form 3

Item	Content
Measure terminal	EFIO - GND
Measure set	12V/DIV, 5 ms/DIV
Condition	Ignition key inserted



(d) Wave form 4

Item	Content
Measure terminal	TXCT - GND
Measure set	2V/DIV, 10 ms/DIV
Condition	Ignition key inserted



(e) Wave form 5

Item	Content
Measure terminal	CODE - GND
Measure set	5V/DIV, 10 ms/DIV
Condition	Ignition key inserted