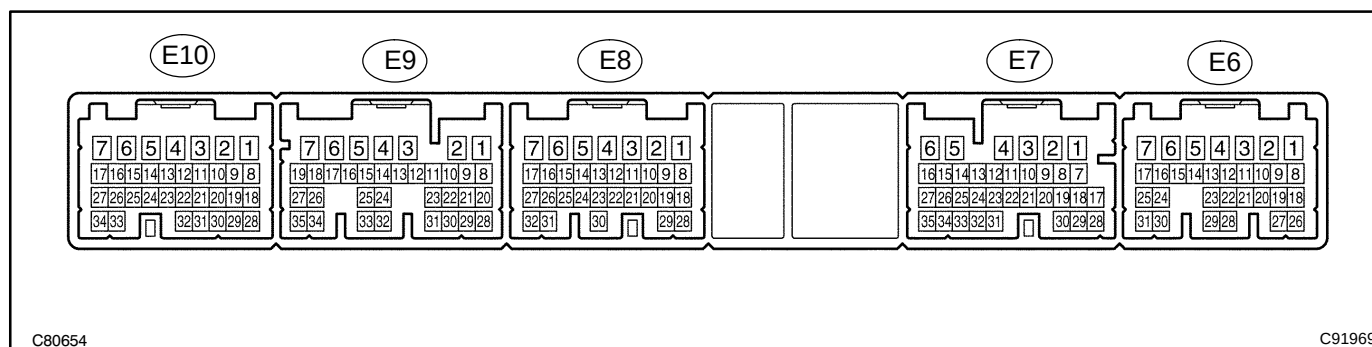
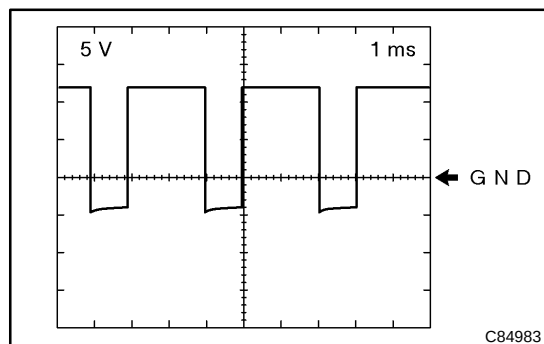


TERMINALS OF ECM



Symbols (Terminal No.)	Wiring Color	Condition	STD Voltage (V)
L (E7-8) ⇔ E1 (E8-1)	L-B ⇔ BR	IG switch ON Shift lever L position	10 - 14
		IG switch ON Shift lever other than L position	Below 1
2 (E7-9) ⇔ E1 (E8-1)	Y ⇔ BR	IG switch ON Shift lever 2 and L position	10 - 14
		IG switch ON Shift lever other than 2 and L position	Below 1
D (E7-10) ⇔ E1 (E8-1)	W-L ⇔ BR	IG switch ON Shift lever D and 4 position	10 - 14
		IG switch ON Shift lever other than D and 4 position	Below 1
R (E7-11) ⇔ E1 (E8-1)	R-B ⇔ BR	IG switch ON Shift lever R position	10 - 14
		IG switch ON Shift lever other than R position	Below 1
SPD (E7-17) ⇔ E1 (E8-1)	V-W ⇔ BR	Vehicle speed 20 km/h (12 mph)	Pulse generation 8 reference
3 (E7-20) ⇔ E1 (E8-1)	L-W ⇔ BR	IG switch ON Shift lever 3 position	10 - 14
		IG switch ON Shift lever other than 3 position	Below 1
4 (E7-23) ⇔ E1 (E8-1)	Y-B ⇔ BR	IG switch ON Shift lever 4 position	10 - 14
		IG switch ON Shift lever other than 4 position	Below 1
NSW (E9-8) ⇔ E1 (E8-1)	G-Y ⇔ BR	IG ON and shift lever P or N position	Below 1
		IG ON and shift lever other than P or N position	10 - 14
DSL (E9-11) ⇔ E1 (E8-1)	Y ⇔ BR	Vehicle speed 65 km/h (40 mph), lock-up (ON ⇔ OFF)	Pulse generation 2 reference
SR (E9-12) ⇔ E1 (E8-1)	GR ⇔ BR	IG switch ON	Below 1
		3rd, 4th or 5th gear	10 - 14
		1st or 2nd gear	Below 1
S4 (E9-13) ⇔ E1 (E8-1)	L ⇔ BR	IG switch ON	Below 1
		5th gear	10 - 14
		Except 5th gear	Below 1
SL3+ (E9-15) ⇔ SL3- (E9-14)	G-B ⇔ G-R	Engine idle speed	Pulse generation 3 reference
SL2+ (E9-17) ⇔ SL2- (E9-16)	L-Y ⇔ L-R	Engine idle speed	Pulse generation 4 reference
SL1+ (E9-19) ⇔ SL1- (E9-18)	R-B ⇔ B-W	Engine idle speed	Pulse generation 5 reference
NC+ (E9-26) ⇔ NC- (E9-34)	R ⇔ G	Vehicle speed 30 km/h (19 mph): (3rd gear) Engine speed 1,400 rpm	Pulse generation 6 reference
NT+ (E9-27) ⇔ NT- (E9-35)	L ⇔ LG	Vehicle speed 20 km/h (12 mph)	Pulse generation 7 reference

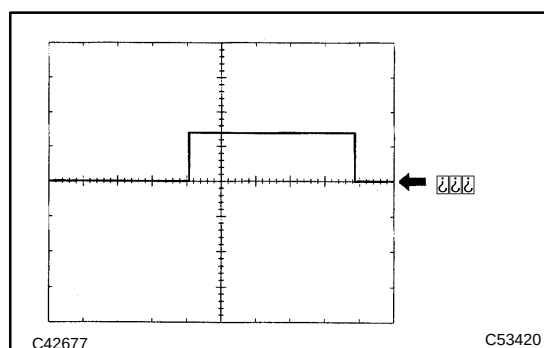
SLT+ (E10-17) ⇔ SLT- (E10-16)	Y-R ⇔ Y-B	Engine idle speed	Pulse generation 1 reference
THO (E10-30) ⇔ E2 (E10-28)	G ⇔ BR	ATF temperature: 115 °C (239 °F) or more	Below 1.5



Pulse generation 1

Reference:

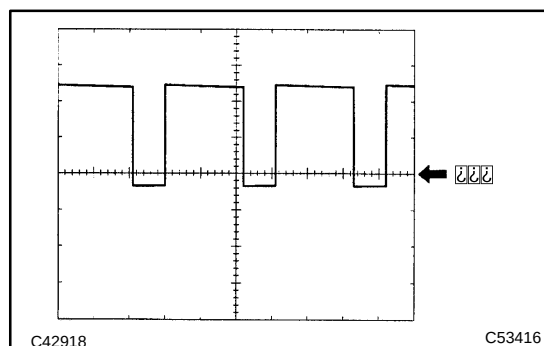
Irem	Condition
Terminal	SLT+ - SLT-
Tool setting	5V/DIV, 1ms/DIV
Vehicle condition	Engine idle speed



Pulse generation 2

Reference:

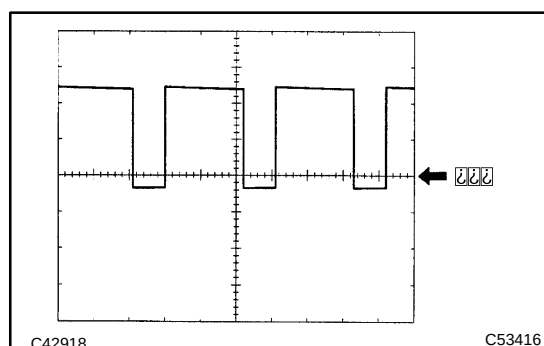
Irem	Condition
Terminal	DSL - E1
Tool setting	10V/DIV, 100ms/DIV
Vehicle condition	Vehicle speed 65 km/h (40 mph), lock-up (ON ⇔ OFF)



Pulse generation 3

Reference:

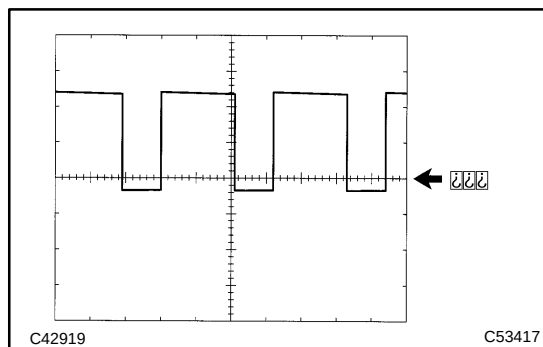
Irem	Condition
Terminal	SL3+ - SL3-
Tool setting	5V/DIV, 1ms/DIV
Vehicle condition	Engine idle speed



Pulse generation 4

Reference:

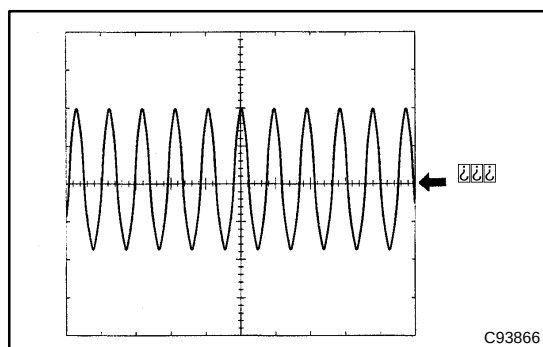
Irem	Condition
Terminal	SL2+ - SL2-
Tool setting	5V/DIV, 1ms/DIV
Vehicle condition	Engine idle speed



Pulse generation 5

Reference:

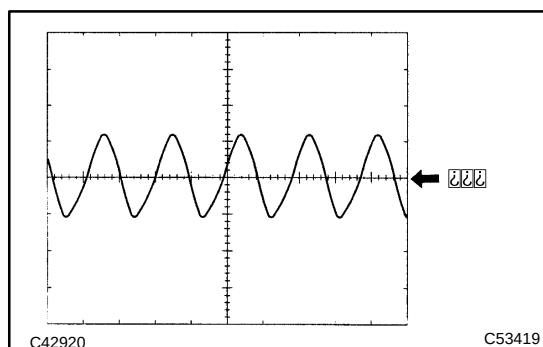
Irem	Condition
Terminal	SL1+ - SL1-
Tool setting	5V/DIV, 1ms/DIV
Vehicle condition	Engine idle speed



Pulse generation 6

Reference:

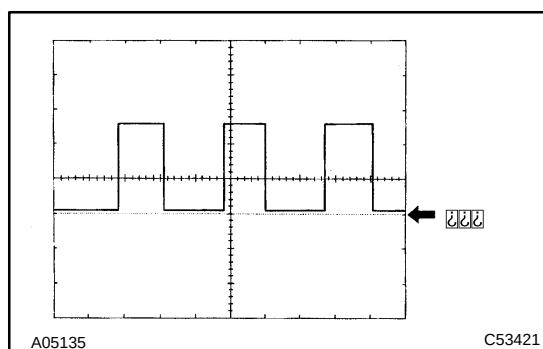
Irem	Condition
Terminal	NC+ - NC-
Tool setting	1V/DIV, 1ms/DIV
Vehicle condition	Vehicle speed 30 km/h (19 mph): (3rd gear) Engine speed 1,400 rpm



Pulse generation 7

Reference:

Irem	Condition
Terminal	NT+ - NT-
Tool setting	5V/DIV, 0.5ms/DIV
Vehicle condition	Vehicle speed 20 km/h (12 mph)



Pulse generation 8

Reference:

Irem	Condition
Terminal	SPD - E1
Tool setting	5V/DIV, 20ms/DIV
Vehicle condition	Vehicle speed 20 km/h (12 mph)