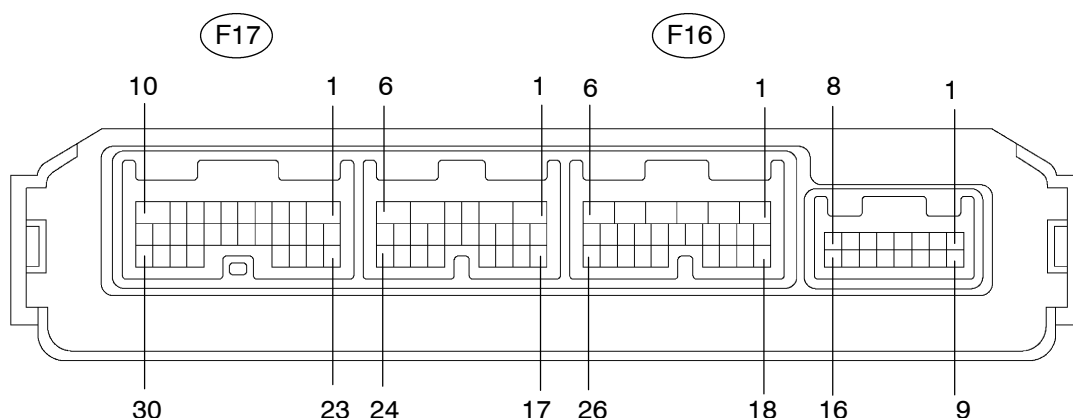


TERMINALS OF ECU



N

I19947

Terminal No. (Symbols)	Wiring Color	Condition	STD Voltage (V)
F16-2 – F16-30 (AUTO – PWE) (LHD models, RHD Europe models)	W-G – BR-W	Passenger power window switch OFF	10 – 14V
		Passenger power window switch AUTO	Below 1V
F16-3 – F16-26 (PSUP – PSE)	R-B – BR-R (LHD) L-O (RHD)	Shoulder belt adjust switch OFF	10 – 14V
		Shoulder belt adjust switch UP	Below 1V
F16-7 – F16-18 (LED+ – LED-)	L-Y	Inside handle illumination goes OFF	Pulse generation
		Inside handle illumination goes ON	3 – 6V
F16-8 – F16-27 (ML – DLE)	G-R – P	Door lock manual switch OFF	10 – 14V
		Door lock manual switch LOCK	Below 1V
F16-14 – F16-26 (PSDN – PSE)	R-Y – BR-R (LHD) L-O (RHD)	Shoulder belt adjust switch OFF	10 – 14V
		Shoulder belt adjust switch DOWN	Below 1V
F16-19 – F16-27 (MUL – DLE)	G-B – P	Door lock manual switch OFF	10 – 14V
		Door lock manual switch UNLOCK	Below 1V
F16-22 – F17-1 (PWS – GND)	V-W – W-B	Window lock switch OFF	10 – 14V
		Window lock switch ON	Below 1V
F16-23 – F16-30 (MUP – PWE)	GR-G – BR-W	Passenger power window switch OFF	10 – 14V
		Passenger power window switch UP	Below 1V
F16-25 – F16-30 (MDN – PWE)	L-W – BR-W	Passenger power window switch OFF	10 – 14V
		Passenger power window switch DOWN	Below 1V
F17-1 – Body ground (GND – Body ground)	W-B – Body ground	Constantly	Below 1V
F17-2 – F17-1 (DN – GND)	G – W-B	Passenger side power window is not operating	Below 1V
		Passenger side power window is moving downward	10 – 14V
F17-3 – F17-1 (UP – GND)	R-G – W-B	Passenger side power window is not moving operating	Below 1V
		Passenger side power window is moving upward	10 – 14V
F17-4 – F17-1 (CPUB – GND)	V-Y – W-B	Constantly	10 – 14V
F17-5 – F17-1 (SIG – GND)	R-L – W-B	Ignition switch ON	10 – 14V

DIAGNOSTICS – PASSENGER DOOR CONTROL SYSTEM

F17-6 – F17-1 (BDR – GND)	R – W-B	Constantly	10 – 14V
F17-7 – F17-18 (ECI+ – ECI-)	G-R – BR-B	Electro chromic outer mirror system is operating	10 – 14V
		Electro chromic outer mirror system is not operating	Below 1V
F17-8 – F17-20 (PLS – SGND)	V-G – BR-W	During the power window is in operation	Pulse generation
		Power window is not operated (pulse switch ON)	Below 1V
		Power window is not operated (pulse switch OFF)	10 – 14V
F17-9 (SENS)	G-W	Front RH oscillator sensor communication circuit	–
F17-10 – F17-1 (CLGI – GND)	L-B – W-B	Oscillator key is in operating	5V
		Oscillator key is not in operating	Below 1V
F17-11 – F17-22 (OSCB – OSCE)	R – G-Y	Constantly	10 – 14V
F17-12 (CLGO)	L-B	Front RH oscillator sensor communication circuit	–
F17-14 – F17-13 (TRG+ – TRG-)	GR – P	Oscillator trigger switch OFF	10 – 14V
		Oscillator trigger switch ON	Below 1V
F17-17 (MPX1)	P-L	Multiplex communication circuit	–
F17-19 – F17-20 (LMT – SGND) (LHD models, RHD Europe models)	B-W – BR-W	Except window full-close position	Below 1V
		Window full-close position	10 – 14V
F17-20 – Body ground (SGND – Body ground) (LHD models, RHD Europe models)	BR-W – Body ground	Constantly	Below 1V
F17-21 – F17-1 (SEL – GND)	W – W-B	Touch sensor is operating	Below 1V
		Oscillator is operating	10 – 14V
F17-23 – F17-1 (CTY – GND)	P-G – W-B	Passenger door courtesy switch ON (Door open)	Below 1V
		Passenger door courtesy switch OFF (Door closed)	10 – 14V
F17-24 – F17-15 (CTYB – CYL)	L-Y – G	Passenger Door courtesy switch OFF (Door closed)	Below 1V
		Passenger Door courtesy switch ON (Door open)	10 – 14V
F17-25 – F17-1 (WLSI – GND)	B-L – W-B	Power window master switch window lock OFF	10 – 14V
		Power window master switch window lock ON	Below 1V
F17-26 (MPX2)	P-L	Multiplex communication circuit	–
1 – F17-1 (A- – GND)	– W-B	Passenger door lock is not operating	Below 1V
		Passenger door lock is operating to UNLOCK	10 – 14 V
		Passenger door lock is operating to LOCK	Below 1V
2 – F17-1 (A+ – GND)	– W-B	Passenger door lock is not operating	Below 1V
		Passenger door lock is operating to LOCK	10 – 14 V
		Passenger door lock is operating to UNLOCK	Below 1V
4 – 21 (CPS3 – KEYE)	–	See "DTC B2212"	–
5 – F17-1 (A1- – GND)	– W-B	Passenger double locking or closer is not operating	Below 1V
		Passenger double locking is UNSET or closer is operating	10 – 14 V
		Passenger double locking is SET	Below 1V
6 – F17-1 (A1+ – GND)	– W-B	Passenger double locking or closer is not operating	Below 1V
		Passenger double locking is SET	10 – 14 V
		Passenger double locking is UNSET or closer is operating	Below 1V

7 – 20 (LSW – CPSE)	–	Passenger door unlocked	Below 1V
		Passenger door locked	10 – 14 V
14 – 21 (CPS2 – KEYE)	–	See "DTC B2212"	–
16 – 21 (CPS1 – KEYE)	–	See "DTC B2212"	–
17 – 20 (DBLS – CPSE)	–	Passenger double locking unlocked	Below 1V
		Passenger double locking locked	10 – 14 V
1 – F17-1 (#MVR – GND)	– W-B	Passenger outside view mirror is not operating	Below 1V
		Passenger outside view mirror is operating to DOWN or LEFT	Below 1V
		Passenger outside view mirror is operating to UP or RIGHT	10 – 14 V
2 – 12 (LP – HTR-)	–	Passenger outside view mirror step light lights up (Door unlocked)	10 – 14 V
		Passenger outside view mirror step light does not light up (Door locked)	Below 1V
3 – 11 (MR+ – MR-)	–	Passenger outside view mirror retract system is not operating	Below 1V
		Passenger outside view mirror retract system is RETRACT operating	10 – 14 V
4 – 12 (HTR+ – HTR-)	–	Outer mirror defogger switch ON	10 – 14 V
		Outer Mirror defogger switch OFF	Below 1V
5 – 14 (#VC+ – #E2)	–	Ignition switch OFF	Below 1V
		Ignition switch ON	10 – 14 V
6 – 14 (VSSR – #E2)	–	Vertical direction of mirror position sensor circuit	–
7 – 15 (EC+ – EC-)	–	Electro chromic outer mirror system is operating	10 – 14V
		Electro chromic outer mirror system is not operating	Below 1V
9 – F17-1 (#MHR – GND)	– W-B	Passenger outside view mirror is not operating	Below 1V
		Passenger outside view mirror is operating to UP or RIGHT	Below 1V
		Passenger outside view mirror is operating to LEFT or DOWN	10 – 14 V
10 – F17-1 (#M+R – GND)	– W-B	Passenger outside view mirror is not operating	Below 1V
		Passenger outside view mirror is operating to UP or LEFT	Below 1V
		Passenger outside view mirror is operating to DOWN or RIGHT	10 – 14 V
13 – 14 (HSSR – #E2)	–	Horizontal direction of mirror position sensor circuit	–