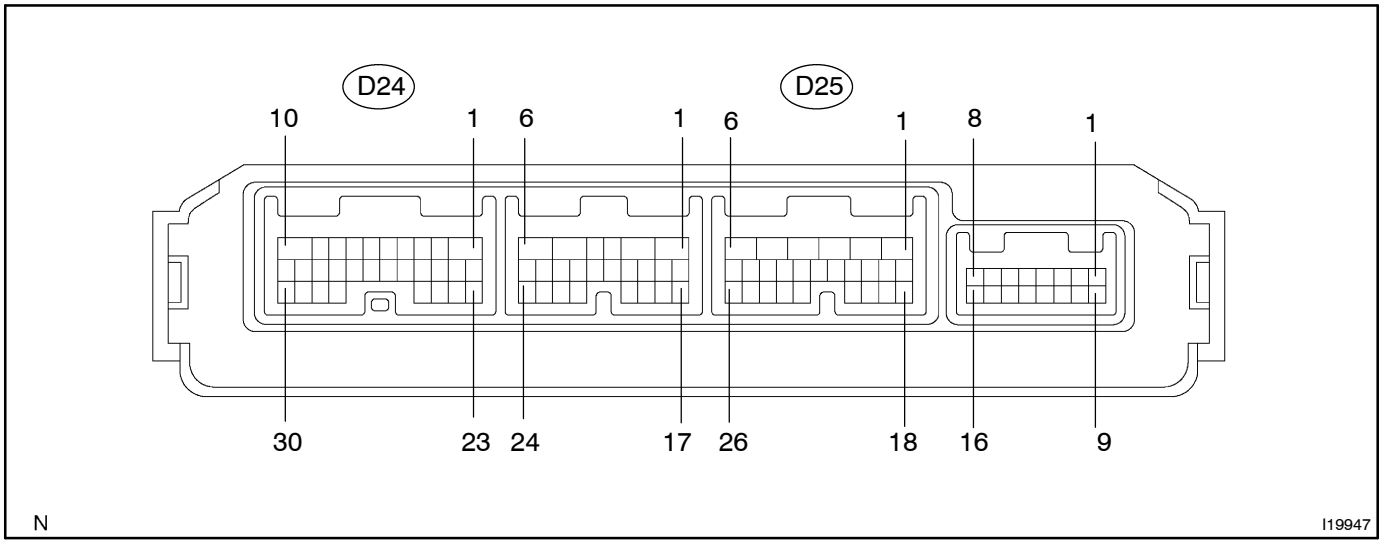
DI8UW–01

TERMINALS OF ECU



Terminal No. (Symbols)	Wiring Color	Condition	STD Voltage (V)
D25–1 – Body ground (GND – Body ground)	W–B – Body ground	Constantly	Below 1V
D25–2 – D25–1 (DN – GND)	G – W–B	Driver side power window is not operating	Below 1V
		Driver side power window is moving downward	10 – 14V
D25–3 – D25–1 (UP – GND)	R–G – W–B	Driver side power window is not operating	Below 1V
		Driver side power window is moving upward	10 – 14V
D25–4 – D25–1 (CPUB – GND)	V–Y – W–B	Constantly	10 – 14V
D25–5 – D25–1 (SIG – GND)	R–L – W–B	Ignition switch ON	10 – 14V
D25–6 – D25–1 (BDR – GND)	R – W–B	Constantly	10 – 14V
D25–7 – D25–18 (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
D25–8 – D25–20 (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
D25–9 (SENS)	G–W	Front LH oscillator sensor communication circuit	–
D25–10 – D25–1 (CLGI – GND)	L–R – W–B	Oscillator key is operating	5V
		Oscillator key is not operating	Below 1V
D25–11 – D25–22 (OSCB – OSCE)	R – G–Y	Constantly	10 – 14V
D25–12 (CLGO)	L–R	Front LH oscillator sensor communication circuit	–
D25–14 – D25–13 (TRG+ – TRG–)	GR – P	Oscillator trigger switch OFF	10 – 14V
		Oscillator trigger switch ON	Below 1V
D25–16 – D24–22 (WLSW – PWS)	Y – V–W	Window lock switch OFF	10 – 14V
		Window lock switch ON	Below 1V
D25–17 (MPX1)	P–L	Multiplex communication circuit	–

D25–19 – D25–20 (LMT – SGND)	B–W – BR–W	Except window full–close position	Below 1V
		Window full–close position	10 – 14V
D25–20 – Body ground (SGND – Body ground)	BR–W – Body ground	Constantly	Below 1V
D25–21 – D25–1 (SEL – GND)	W – W–B	Touch sensor is operating	Below 1V
		Oscillator is operating	10 – 14V
D25–23 – D25–1 (CTY – GND)	P–G – W–B	Driver door courtesy switch ON (Door open)	Below 1V
		Driver door courtesy switch OFF (Door closed)	10 – 14V
D25–24 – D25–15 (CTYB – CYL)	L–Y – G	Driver door courtesy switch OFF (Door closed)	Below 1V
		Driver door courtesy switch ON (Door open)	10 – 14V
D25–25 – D25–1 (WLSI – GND)	Y–B – W–B	Window lock switch OFF	10 – 14V
		Window lock switch ON	Below 1V
D25–26 (MPX2)	P–L	Multiplex communication circuit	–
D24–2 – D24–30 (AUTO – PWE)	W–G – BR–R	Driver power window switch OFF	10 – 14V
		Driver power window switch AUTO	10 – 14V
D24–3 – D24–26 (DSUP – DSE)	L–W – L–O	Shoulder belt adjust switch OFF	Below 1V
		Shoulder belt adjust switch UP	10 – 14V
D24–7 – D24–18 (LED+ – LED–)	L–Y	Inside handle illumination goes OFF	Pulse generation
		Inside handle illumination goes ON	3 – 6V
D24–8 – D25–1 (ML – GND)	W – W–B	Door lock manual switch OFF	10 – 14V
		Door lock manual switch LOCK	Below 1V
D24–9 – D24–28 (M3 – MSWE)	P–L – BR–W	Memory 3 position switch OFF	10 – 14V
		Memory 3 position switch ON	Below 1V
D24–14 – D24–26 (DSDN – DSE)	L–Y – L–O	Shoulder belt adjust switch OFF	10 – 14V
		Shoulder belt adjust switch DOWN	Below 1V
D24–15 – D24–4 (SC3 – DT3)	R–W – G–B	Power window switch OFF (except Driver side switch)	10 – 14V
		Power window switch AUTO (except Driver side switch)	Below 1V
D24–15 – D24–5 (SC3 – DT2)	R–W – L–B	Power window switch OFF (except Driver side switch)	10 – 14V
		Power window switch AUTO (except Driver side switch)	Below 1V
D24–15 – D24–6 (SC3 – DT1)	R–W – G–R	Power window switch OFF (except Driver side switch)	10 – 14V
		Power window switch AUTO (except Driver side switch)	Below 1V
D24–16 – D24–4 (SC2 – DT3)	Y–R – G–B	Power window switch OFF (except Driver side switch)	10 – 14V
		Power window switch UP (except Driver side switch)	Below 1V
D24–16 – D24–5 (SC2 – DT2)	Y–R – L–B	Power window switch OFF (except Driver side switch)	10 – 14V
		Power window switch UP (except Driver side switch)	Below 1V
D24–16 – D21–6 (SC2 – DT1)	Y–R – G–R	Power window switch OFF (except Driver side switch)	10 – 14V
		Power window switch UP (except Driver side switch)	Below 1V
D24–17 – D24–4 (SC1 – DT3)	L–R – G–B	Power window switch OFF (except Driver side switch)	10 – 14V
		Power window switch DOWN (except Driver side switch)	Below 1V
D24–17 – D24–5 (SC1 – DT2)	L–R – L–B	Power window switch OFF (except Driver side switch)	10 – 14V
		Power window switch DOWN (except Driver side switch)	Below 1V
D24–17 – D24–6 (SC1 – DT1)	L–R – G–R	Power window switch OFF (except Driver side switch)	10 – 14V
		Power window switch DOWN (except Driver side switch)	Below 1V
D24–19 – D25–1 (MUL – GND)	W–R – W–B	Door lock manual switch OFF	10 – 14V
		Door lock manual switch UNLOCK	Below 1V

D24–20 – D24–28 (M2 – MSWE)	P–B – BR–W	Memory 2 position switch OFF	10 – 14V
		Memory 2 position switch ON	Below 1V
D24–21 – D24–28 (M1 – MSWE)	P – BR–W	Memory 1 position switch OFF	10 – 14V
		Memory 1 position switch ON	Below 1V
D24–23 – D24–30 (MUP – PWE)	Y–B (LHD) – BR–R GR–G (RHD)	Driver power window switch OFF	10 – 14V
		Driver power window switch UP	Below 1V
D24–25 – D24–30 (MDN – PWE)	G (LHD) – BR–R P–G (RHD)	Driver power window switch OFF	10 – 14V
		Driver power window switch DOWN	Below 1V
D24–29 – D24–28 (MM – MSWE)	GR – BR–W	Memory SET switch OFF	10 – 14V
		Memory SET switch ON	Below 1V
1 – D25–1 (A– – GND)	– W–B	Driver door lock is not operating	Below 1V
		Driver door lock is operating to UNLOCK	10 – 14 V
		Driver door lock is operating to LOCK	Below 1V
2 – D25–1 (A+ – GND)	– W–B	Driver door lock is not operating	Below 1V
		Driver door lock is operating to LOCK	10 – 14 V
		Driver door lock is operating to UNLOCK	Below 1V
4 – 21 (CPS3 – KEYE)	–	See ”DTC B2211”	–
5 – D25–1 (A1– – GND)	– W–B	Driver double locking and closer is not operating	Below 1V
		Driver double locking is UNSET or closer is operating	10 – 14 V
		Driver double locking is SET	Below 1V
6 – D25–1 (A1+ – GND)	– W–B	Driver double locking or closer is not operating	Below 1V
		Driver double locking is SET	10 – 14 V
		Driver double locking is UNSET or closer is operating	Below 1V
7 – 21 (LSW – KEYE)	–	Driver door unlocked	Below 1V
		Driver door locked	10 – 14 V
9 – 21 (KUL – KEYE)	–	Door key lock and unlock switch OFF	10 – 14 V
		Door key lock and unlock switch UNLOCK	Below 1V
10 – 21 (KL – KEYE)	–	Door key lock and unlock switch LOCK	Below 1V
		Door key lock and unlock switch OFF	10 – 14 V
14 – 21 (CPS2 – KEYE)	–	See ”DTC B2211”	–
16 – 21 (CPS1 – KEYE)	–	See ”DTC B2211”	–
17 – 20 (DBLS – CPSE)	–	Driver double locking unlocked	Below 1V
		Driver double locking locked	10 – 14 V
1 – D25–1 (#MVR – GND)	– W–B	Driver outside view mirror is not operating	Below 1V
		Driver outside view mirror is operating to DOWN or LEFT	Below 1V
		Driver outside view mirror is operating to UP or RIGHT	10 – 14 V
2 – 12 (LP – HTR–)	– W–B	Driver outside view mirror step light lights up (Door unlocked)	10 – 14 V
		Driver outside view mirror step light does not lights up (Door locked)	Below 1V
3 – 11 (MR+ – MR–)	–	Driver outside view mirror retract system is not operating	Below 1V
		Driver 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 – D25–1 (#MHR – GND)	– W–B	Driver outside view mirror is not operating	Below 1V
		Driver outside view mirror is operating to UP or RIGHT	Below 1V
		Driver outside view mirror is operating to LEFT or DOWN	10 – 14 V
10 – D25–1 (#M+R – GND)	– W–B	Driver outside view mirror is not operating	Below 1V
		Driver outside view mirror is operating to UP or LEFT	Below 1V
		Driver outside view mirror is operating to DOWN or RIGHT	10 – 14 V
13 – 14 (HSSR – #E2)	–	Horizontal direction of mirror position sensor circuit	–