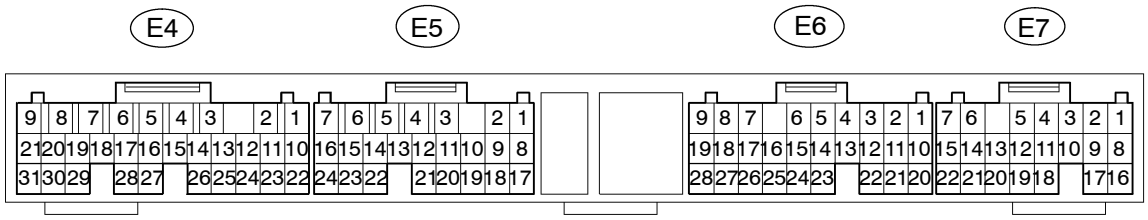
057FD–02

TERMINALS OF ECM



Y A56890

Symbols (Terminal No.)	Wiring Color	Condition	STD Voltage (V)
+BP (E5–4, E5–5) ⇔ P–GND (E5–8)	B–R ⇔ W–B	Always	26 – 29.6
+BP (E5–4, E5–5) ⇔ P–GND (E5–8)	B–R ⇔ W–B	IG switch ON	26 – 29.6
A–VCC1, A–VCC2 (E7–6, E7–7) ⇔ A–GND1 (E7–14)	R–W ⇔ G	IG switch ON	4.5 – 5.5
A–VCC1 (E7–6) ⇔ A –GND1 (E7–14)	R–W ⇔ G	IG switch ON	4.5 – 5.5
A–VCC2 (E7–7) ⇔ A–GND1 (E7–14)	R–W ⇔ G	IG switch ON	4.5 – 5.5
ACCP1 (E7–21) ⇔ A–GND1 (E7–14)	B–O ⇔ G	Accelerator pedal fully closed	0.7 – 1.0
		Accelerator pedal fully opened	3.7 – 4.0
ACCP2 (E7–20) ⇔ A–GND1 (E7–14)	Y–B ⇔ G	Accelerator pedal fully closed	0.7 – 1.0
		Accelerator pedal fully opened	3.7 – 4.0
PIM1 (E5–12) ⇔ A–GND4 (E5–2)	B–L ⇔ B–R	Apply vacuum 40 kPa (300 mmHg, 11.8 in.Hg)	0.2 – 0.8
		Apply pressure 69 kPa (0.7 kgf/cm^2, 9.96 psi)	3.2 – 3.8
THW (E5–20) ⇔ A–GND2 (E7–22)	R–Y ⇔ G	Idling, engine coolant temp. 60°C (140°F) to 120°C (248°F)	0.2 – 1.0
THL (E5–19) ⇔ A–GND2 (E7–22)	G–R ⇔ G	IG switch ON (at engine cold)	0.5 – 3.8
KEY/SW (E4–10,E4–11) ⇔ GND (E5–1, E5–3)	LG–B ⇔ W–B	IG switch ON	26 – 29.6
ST/SW (E4–13) ⇔ P–GND (E5–8)	B–W ⇔ W–B	Cranking	6.0 or more
NE+ (E4–23) ⇔ NE– (E4–22)	B ⇔ W	Idling	Pulse generation (See page 05–121)
G1+ (E4–26) ⇔ G1– (E4–25)	R ⇔ G	Idling	Pulse generation (See page 05–121)
SPD (E7–11) ⇔ GND (E5–1)	V–R ⇔ W–B	IG switch ON, Rotate driving wheel slowly	Pulse generation (See page 05–151)
M–REL (E4–17, E4–18) ⇔ P–GND (E5–8, E5–17)	GR ⇔ W–B	IG switch ON	26 – 29.6
DG/SW (E6–18) ⇔ GND (E5–1)	R ⇔ W–B	IG switch ON	26 – 29.6
ISO–K (E6–25) ⇔ GND (E5–1)	W ⇔ W–B	Connect hand–held tester to DLC3	Pulse generation
PCV1 (E7–1) ⇔ P–GND (E5–17)	Y ⇔ W–B	Idling	Pulse generation
PCV2 (E7–8) ⇔ P–GND (E5–17)	B ⇔ W–B	Idling	Pulse generation