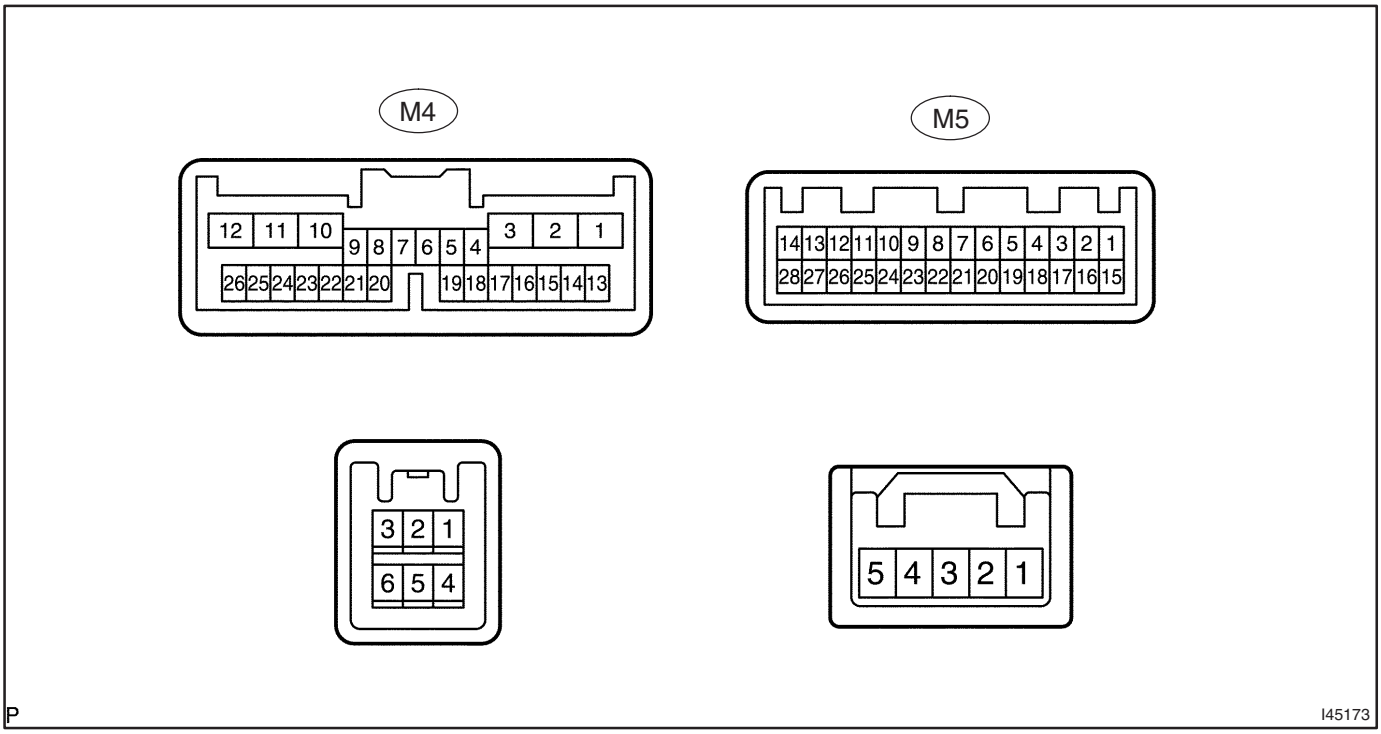
05MYV–01

TERMINALS OF ECU

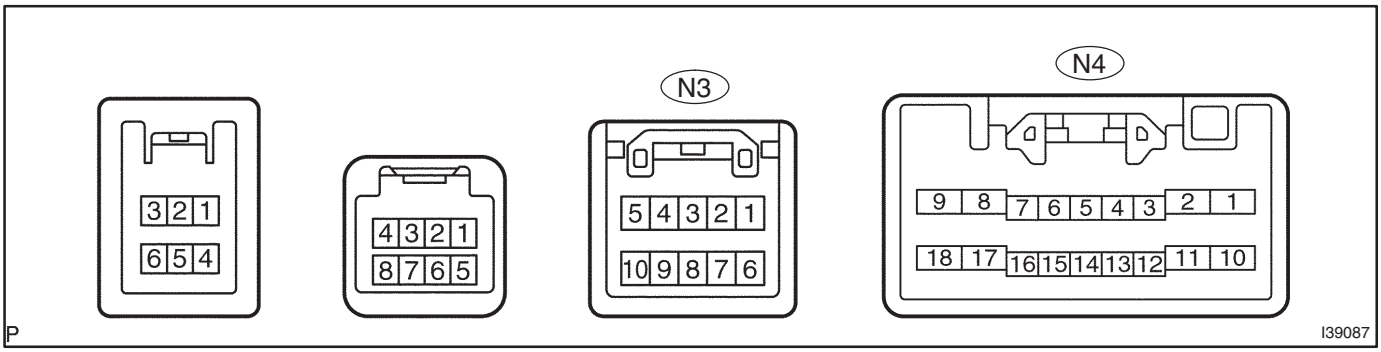
1. MULTI–DISPLAY:



Symbols (Terminals No.)	Wiring Color	Terminal Description	Condition	Specification
ILL+ (M4–1) – GND1 (M4–3)	G – BR	Illumination signal	Turn ignition switch OFF → ON	Below 1 V → 10 to 14 V
GND1 (M4–3) – Body ground	BR – Body ground	Ground	Always	Below 1 V
TC (M4–7) – GND1 (M4–3)	P–L – BR	Diagnosis ON signal	Turn ignition switch to ON	9 to 14 V
IG (M4–10) – GND1 (M4–3)	B–R – BR	Ignition (ON)	Turn ignition switch OFF → ON	Below 1 V → 10 to 14 V
ACC (M4–11) – GND1 (M4–3)	GR – BR	Accessory (ON)	Turn ignition switch OFF → ACC or ON	Below 1 V → 10 to 14 V
+B1 (M4–12) – GND1 (M4–3)	R–L – BR	Battery	Always	10 to 14 V
PKB (M4–16) – GND1 (M4–3)	LG – BR	Parking brake signal	Turn parking brake switch ON → OFF	Below 1 V → 10 to 14 V
TX2+ (M4–18) – GND1 (M4–3)	B – BR	AVC–LAN communication signal	Turn ignition switch to ON	2 to 3 V
TX2– (M4–19) – GND1 (M4–3)	W – BR	AVC–LAN communication signal	Turn ignition switch to ON	2 to 3 V
SPD (M4–25) – GND1 (M4–3)	V–R – BR	Speed signal from combination meter	See "Vehicle Signal Check Mode" (see page 05–1292)	–
TX3+ (M5–11) – GND1 (M4–3)	G – BR	AVC–LAN communication signal	Turn ignition switch to ON	2 to 3 V
TX3– (M5–12) – GND1 (M4–3)	R – BR	AVC–LAN communication signal	Turn ignition switch to ON	2 to 3 V
TX+ (M5–13) – GND1 (M4–3)	P – BR	AVC–LAN communication signal	Turn ignition switch to ACC	2 to 3 V
TX– (M5–14) – GND1 (M4–3)	L – BR	AVC–LAN communication signal	Turn ignition switch to ACC	2 to 3 V

VR (M5–23) – GND1 (M4–3)	Y – BR	Video return signal	Turn ignition switch OFF	Below 1 V
R (M5–24) – GND1 (M4–3)	B – BR	Display signal (red)	Navigation display is on	–
G (M5–25) – GND1 (M4–3)	W – BR	Display signal (green)	Navigation display is on	–
B (M5–26) – GND1 (M4–3)	R – BR	Display signal (blue)	Navigation display is on	–
SYNC (M5–27) – GND1 (M4–3)	G – BR	Display signal (synchronize)	Navigation display is on	–
VG (M5–28) – Body ground	Shielded – Body ground	Shielded ground	Always	Below 1 V

2. NAVIGATION ECU:

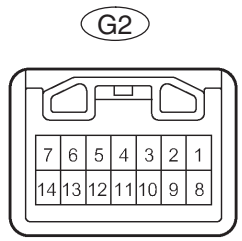


Symbols (Terminals No.)	Wiring Color	Terminal Description	Condition	Specification
VR (N3–1) – GND1(*1), GND(*2) (N4–17)	Y – BR	Video return signal	Turn ignition switch OFF	Below 1 V
R (N3–2) – GND1(*1), GND(*2) (N4–17)	B – BR	Display signal (red)	Navigation display is on	–
B (N3–3) – GND1(*1), GND(*2) (N4–17)	R – BR	Display signal (blue)	Navigation display is on	–
TX+ (N3–5) – GND1(*1), GND(*2) (N4–17)	P(*1), P–B(*2) – BR	AVC–LAN communication signal	Turn ignition switch to ACC	2 to 3 V
VG (N3–6) – Body ground	Shielded – Body ground	Shielded ground	Always	Below 1 V
G (N3–7) – GND1(*1), GND(*2) (N4–17)	W – BR	Display signal (green)	Navigation display is on	–
SYNC (N3–8) – GND1(*1), GND(*2) (N4–17)	G – BR	Display signal (synchronize)	Navigation display is on	–
TX– (N3–10) – GND1(*1), GND(*2) (N4–17)	L(*1), GR–R(*2) – BR	AVC–LAN communication signal	Turn ignition switch to ACC	2 to 3 V
AUI+ (N4–1) – GND1(*1), GND(*2) (N4–17)	L – BR	Sound signal (input)	Audio system is playing	–
AUO+ (N4–2) – GND1(*1), GND(*2) (N4–17)	LG(*1), G(*2) – BR	Sound signal (output)	Audio system is playing	–
SPD (N4–5) – GND1(*1), GND(*2) (N4–17)	V–R – BR	Speed signal from combination meter	See "Vehicle Signal Check Mode" (see page 05–1294)	–
CMP– (N4–6) – GND1(*1), GND(*2) (N4–17)	R(*1), Y(*2) – BR	RDS–TMC signal (input)	See "Navigation Check Mode" (see page 05–1297)	–
CMP+ (N4–7) – GND1(*1), GND(*2) (N4–17)	G(*1), BR(*2) – BR	RDS–TMC signal (input)	See "Navigation Check Mode" (see page 05–1297)	–
+B (N4–9) – GND1(*1), GND(*2) (N4–17)	L–Y – BR	Battery	Always	10 to 14 V

AUI– (N4–10) – GND1(*1), GND(*2) (N4–17)	LG – BR	Sound signal (input)	Audio system is playing	–
AUO– (N4–11) – GND1(*1), GND(*2) (N4–17)	L(*1), G–B(*2) – BR	Sound signal (output)	Audio system is playing	–
REV (N4–14) – GND1(*1), GND(*2) (N4–17)	R–B – BR	Reverse signal from combination meter	See "Vehicle Signal Check Mode" (see page 05–1294)	–
MUTE (N4–15) – GND1(*1), GND(*2) (N4–17)	P – BR	Mute signal	Audio system is playing → Changing	Above 3.5 V → Below 1 V
SG (N4–16) – Body ground	Shielded – Body ground	Shielded ground	Always	Below 1 V
GND1(*1), GND(*2) (N4–17) – Body ground	BR – Body ground	Ground	Always	Below 1 V
ACC (N4–18) – GND1(*1), GND(*2) (N4–17)	GR – BR	Accessory (ON)	Turn ignition switch OFF → ACC or ON	Below 1 V → 10 to 14 V

*1: LHD
*2: RHD

3. NETWORK GATEWAY ECU:



E37579

Symbols (Terminal No.)	Wiring Color	Terminal Description	Condition	Specification
IG (G2–2) – GND (G2–14)	B–R – W–B	Ignition (ON)	Turn ignition switch OFF → ON	Below 1 V → 10 to 14 V
MPD1 (G2–4)	W–G	BEAN signal	See "Diagnosis Check of Multiplex Communication System" (see pub. No. RM990E, page 05–1829)	–
GTX+ (G2–5) – GND (G2–14)	G – W–B	AVC–LAN communication signal	Turn ignition switch to ACC	2 to 3 V
CG (G2–7) – Body ground	W–B – Body ground	Ground	Always	Below 1 V
BATT (G2–8) – GND (G2–14)	W–R – W–B	Battery	Always	10 to 14 V
ACC (G2–9) – GND (G2–14)	GR – W–B	Accessory (ON)	Turn ignition switch OFF → ACC or ON	Below 1 V → 10 to 14 V
MPD2 (G2–11)	B	BEAN signal	See "Diagnosis Check of Multiplex Communication System" (see pub. No. RM990E, page 05–1829)	–
GTX– (G2–12) – GND (G2–14)	R – W–B	AVC–LAN communication signal	Turn ignition switch to ACC	2 to 3 V
GND (G2–14) – Body ground	W–B – Body ground	Ground	Always	Below 1V

4. RADIO RECEIVER ASSY (SEE PUB. NO. RM990E, PAGE 05–1420)

5. STEREO COMPONENT AMPLIFIER ASSY (SEE PUB. NO. RM990E, PAGE 05–1420)

6. DISC PLAYER CHANGER (SEE PUB. NO. RM990E, PAGE 05–1420)