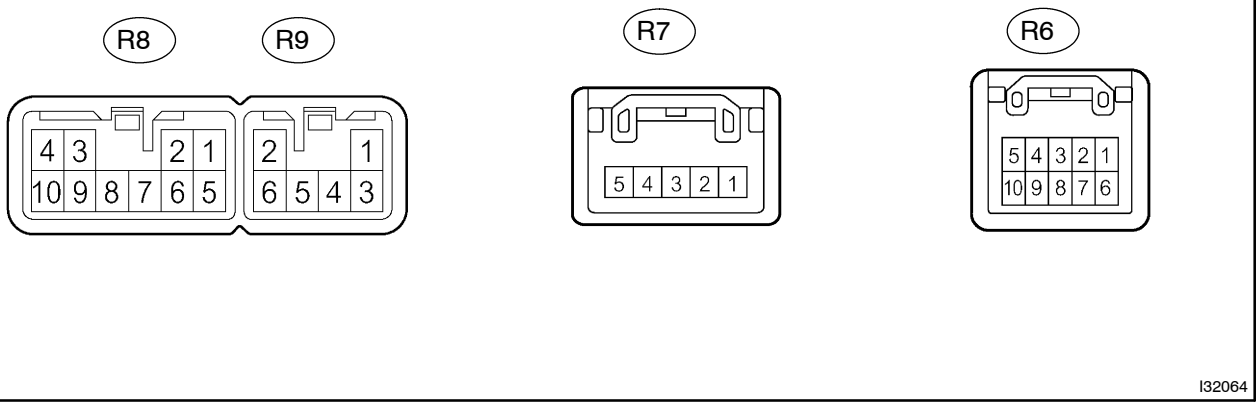
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TERMINALS OF ECU

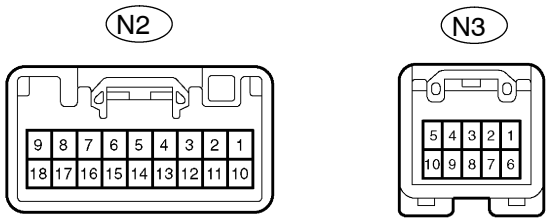
1. RADIO RECEIVER ASSY



Terminal No. (Symbols)	Wiring Color	Condition	STD Voltage (V)
FR+ ⇔ GND (R8–1 ⇔ R8–7)	LG ⇔ BR	Audio system is sounding	A waveform synchronized with sounds is output
FL+ ⇔ GND (R8–2 ⇔ R8–7)	P ⇔ BR	Audio system is sounding	A waveform synchronized with sounds is output
ACC ⇔ GND (R8–3 ⇔ R8–7)	GR ⇔ BR	Ignition switch ACC	10 – 14 V
+B ⇔ GND (R8–4 ⇔ R8–7)	L–Y ⇔ BR	Constant	10 – 14 V
FR– ⇔ GND (R8–5 ⇔ R8–7)	L ⇔ BR	Audio system is sounding	A waveform synchronized with sounds is output
FL– ⇔ GND (R8–6 ⇔ R8–7)	V ⇔ BR	Audio system is sounding	A waveform synchronized with sounds is output
GND ⇔ Body ground (R8–7 ⇔ Body ground)	BR ⇔ Body ground	Constant	Continuity
ILL+ ⇔ GND (R8–10 ⇔ R8–7)	G ⇔ BR	Light control switch TAIL or HEAD	10 – 14 V
RR+ ⇔ GND (R9–1 ⇔ R8–7)	R ⇔ BR	Audio system is sounding	A waveform synchronized with sounds is output
RL+ ⇔ GND (R9–2 ⇔ R8–7)	B ⇔ BR	Audio system is sounding	A waveform synchronized with sounds is output
RR– ⇔ GND (R9–3 ⇔ R8–7)	W ⇔ BR	Audio system is sounding	A waveform synchronized with sounds is output
RL– ⇔ GND (R9–6 ⇔ R8–7)	Y ⇔ BR	Audio system is sounding	A waveform synchronized with sounds is output
PKB⇔ GND (R7–1 ⇔ R8–7)	R–W ⇔ BR	See ”Vehicle Signal Check Mode”	–
SPD ⇔ GND (R7–3 ⇔ R8–7)	V–W ⇔ BR	See ”Vehicle Signal Check Mode”	–
VR ⇔ Body ground (R6–1 ⇔ Body ground)	B ⇔ Body ground	Ignition switch OFF	Below 1V

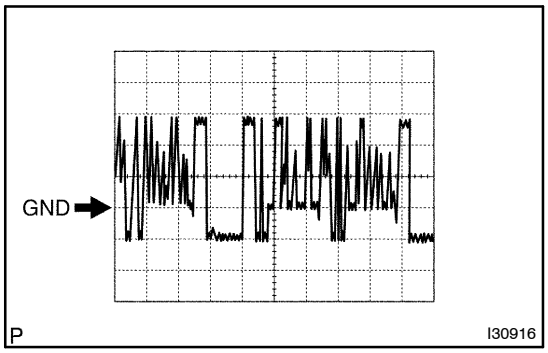
R ⇔ GND (R6–2 ⇔ R8–7)	G ⇔ BR	Navigation switch is switched	Pulse generation 1
B ⇔ GND (R6–3 ⇔ R8–7)	W ⇔ BR	Navigation switch is switched	Pulse generation 1
TX+ ⇔ – (R6–5 ⇔ –)	LG ⇔ –	See ”Service Check Mode”	–
VG ⇔ Body ground (R6–6 ⇔ Body ground)	BR ⇔ Body ground	Constant	Continuity
G ⇔ GND (R6–7 ⇔ R8–7)	R ⇔ BR	Navigation switch is switched	Pulse generation 1
SYNC ⇔ GND (R6–8 ⇔ R8–7)	Y ⇔ BR	Navigation switch is switched	Pulse generation 2
TX– ⇔ – (R6–10 ⇔ –)	L ⇔ –	See ”Service Check Mode”	–

2. NAVIGATION ECU

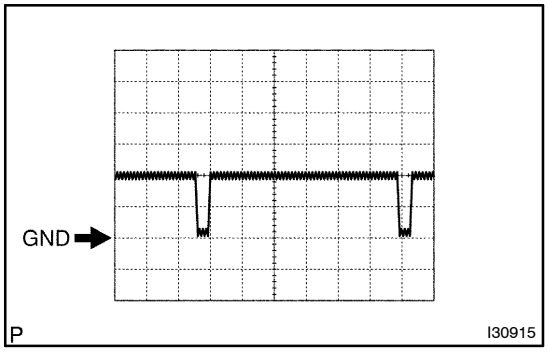


Symbols (Terminals No.)	Wiring Color	Condition	STD Voltage (V)
AUI+ ⇔ GND (N2–1 ⇔ N2–17)	LG(RHD) P(LHD) ⇔W–B	Audio system is sounding	A waveform synchronized with sounds is output
AUO+ ⇔ GND (N2–2⇔ N2–17)	L–R ⇔W–B	Sound quality test	–
SPD ⇔ GND (N2–5 ⇔ N2–17)	V–W ⇔ W–B	See ”Vehicle Signal Check Mode”	–
+B ⇔GND (N2–9 ⇔ N2–17)	L–Y ⇔ W–B	Constant	10 – 14 V
AUI– ⇔ GND (N2–10 ⇔ N2–17)	P(RHD) V(LHD) ⇔ W–B	Audio system is sounding	A waveform synchronized with sounds is output
AUO– ⇔ – (N2–11 ⇔ –)	L–B ⇔ –	Sound quality test	–
REV ⇔ – (N2–14 ⇔ –)	R–B ⇔ –	See ”Vehicle Signal Check Mode”	–
MUTE ⇔ GND (N2–15 ⇔ N3–17)	Y ⇔ W–B	Navigation voice sounding	Below 1 V
GND ⇔ Body ground (N2–17 ⇔ Body ground)	W–B ⇔ Body ground	Constant	Below 1 V
ACC ⇔ GND (N2–18 ⇔ N2–17)	GR ⇔ W–B	Ignition switch OFF	Below 1 V
		Ignition switch ACC or ON	10 – 14 V
VR ⇔ VG (N3–1 ⇔ N3–6)	B ⇔ Shielded	Ignition switch OFF	Below 1 V

R ⇔ VG (N3–2 ⇔ N3–6)	G ⇔ Shielded	Navigation map is switched	Pulse generation 1
B ⇔ VG (N3–3 ⇔ N3–6)	W ⇔ Shielded	Navigation map is switched	Pulse generation 1
TX+⇔ – (N3–5 ⇔ –)	LG ⇔ –	See ”Service Check Mode”	–
VG ⇔ GND (N3–6 ⇔ N2–17)	Shielded ⇔ W–B	Ignition switch OFF	Below 1 V
G ⇔ VG (N3–7 ⇔ N3–6)	R ⇔ Shielded	Navigation map is switched	Pulse generation 1
SYNC ⇔ VG (N3–8 ⇔ N3–6)	Y ⇔ Shielded	Navigation display is displayed	Pulse generation 2
TX– ⇔ – (N3–10 ⇔ –)	L ⇔ –	See ”Service Check Mode”	–



Oscilloscope wave 1
Terminal to be measured: R, G, B – GND
Setting for measurement: 200 mV/DIV10– μs/DIV
Condition: Navigation map is switched.



Oscilloscope wave 2
Terminal to be measured: SYNC – GND
Setting for measurement: 500 mV/DIV10– μs/DIV
Condition: Navigation display is displayed.