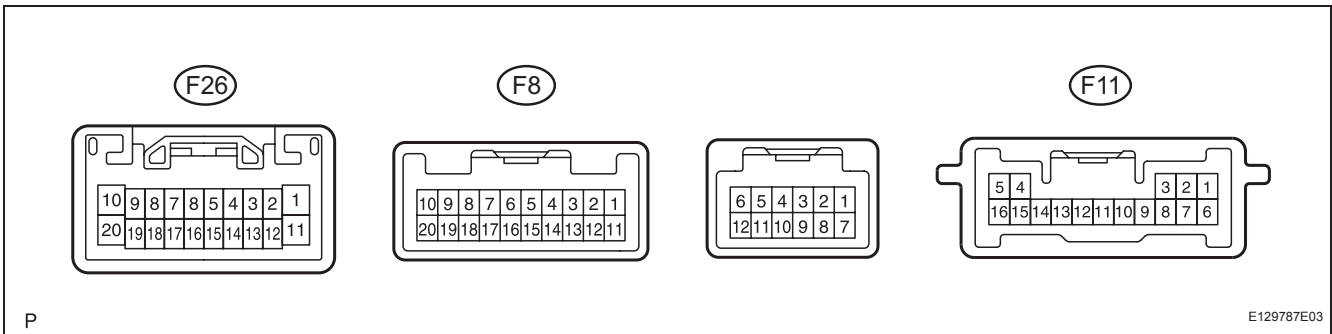


# TERMINALS OF ECU

## 1. RADIO RECEIVER (PREMIUM MODEL)

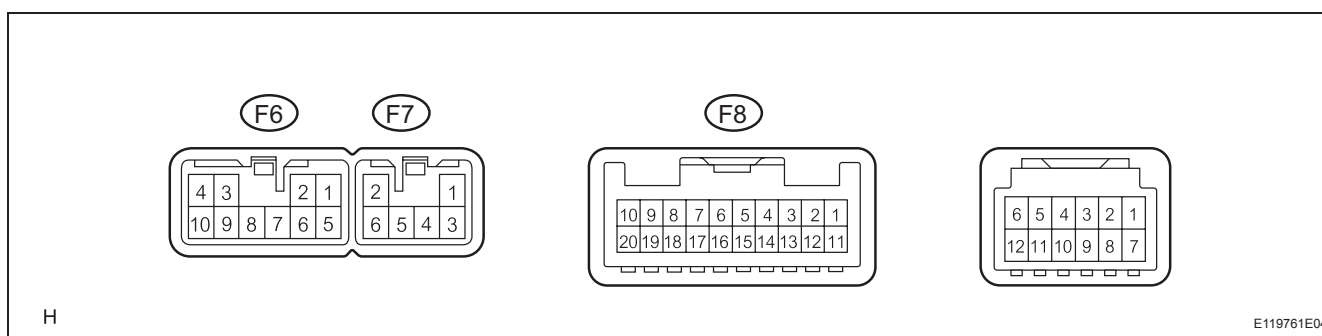


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Symbols (Terminal No.)	Wiring Color	Terminal Description	Condition	Specification
B (F26-1) - GND (F26-20)	L-Y - BR	Battery	Always	10 to 14 V
ILL+ (F26-2) - GND (F26-20)	G - BR	Illumination signal	Light control switch OFF → TAIL	Below 1 V → 10 to 14 V
ATX+ (F26-5) - GND (F26-20)	R - BR	AVC-LAN communication signal	Turn ignition switch on (ACC)	2 to 3 V
MUTE (F26-7) - GND (F26-20)	O - BR	MUTE signal	Audio system is playing → Changing	Above 3.5 V → Below 1 V
R+ (F26-8) - GND (F26-20)	R - BR	Sound signal (Right)	Audio system is playing	A waveform synchronized with sounds is output
L+ (F26-9) - GND (F26-20)	B - BR	Sound signal (Left)	Audio system is playing	A waveform synchronized with sounds is output
SLD (F26-10) - Body ground	Shielded - Body ground	Shield ground	Always	Below 1 V
ACC (F26-11) - GND (F26-20)	GR - BR	Accessory (ON)	Turn ignition switch on (ACC)	10 to 14 V
ILL- (F26-12) - GND (F26-20)	W-B - BR	Illumination (rheostat) signal	Light control switch OFF → TAIL	Below 1 V → Pulse generation
ANT (F26-13) - GND (F26-20)	O - BR	Power source of antenna	Radio switch ON and AM or FM	10 to 14 V
ATX- (F26-15) - GND (F26-20)	G - BR	AVC-LAN communication signal	Turn ignition switch on (ACC)	2 to 3 V
R- (F26-18) - GND (F26-20)	G - BR	Sound signal (Right)	Audio system is playing	A waveform synchronized with sounds is output
L- (F26-19) - GND (F26-20)	W - BR	Sound signal (Left)	Audio system is playing	A waveform synchronized with sounds is output
GND (F26-20) - Body ground	BR - Body ground	Ground	Always	Below 1 V
SWG (F8-6) - GND (F26-20)	P - BR	Steering pad switch ground	Always	Below 1 V
SW1 (F8-7) - GND (F26-20)	O - BR	Steering pad switch signal	Steering pad switch not operated → SEEK+ switch pushed → SEEK- switch pushed → VOL+ switch pushed → VOL- switch pushed	4 V or more → Approx. 0.5 V → Approx. 0.9 V → Approx. 2.0 V → Approx. 3.4 V
SW2 (F8-8) - GND (F26-20)	Y - BR	Steering pad switch signal	Steering pad switch not operated → MODE switch pushed → ON HOOK switch pushed → OFF HOOK switch pushed	4 V or more → Approx. 0.5 V → Approx. 0.9 V → Approx. 2.0 V
IVO+ (F8-11) - GND (F26-20)	R - BR	Voice signal	"Bluetooth" handsfree voice signal is playing	A waveform synchronized with sounds is output

Symbols (Terminal No.)	Wiring Color	Terminal Description	Condition	Specification
IVO- (F8-12) - GND (F26-20)	G - BR	Voice signal	"Bluetooth" handsfree voice signal is playing	A waveform synchronized with sounds is output
SLD (F8-13) - Body ground	Shielded - Body ground	Shield ground	Always	Below 1 V
ARI (F8-15) - GND (F26-20)	G - BR	Sound signal (Right)	External device is playing (When stereo jack is used)	A waveform synchronized with sounds is output
ASGN (F8-16) - GND (F26-20)	BR - BR	Shield ground	Always	Below 1 V
ALI (F8-17) - GND (F26-20)	R - BR	Sound signal (Left)	External device is playing (When stereo jack is used)	A waveform synchronized with sounds is output
AUXI (F8-19) - GND (F26-20)	G - BR	External device connection detection signal	External device is connected	Below 1 V
MIC- (F11-1) - GND (F26-20)	R - BR	Microphone voice signal	Bluetooth handsfree function is ON	A waveform synchronized with sounds is output
MIC+ (F11-2) - GND (F26-20)	G - BR	Microphone voice signal	Bluetooth handsfree function is ON	A waveform synchronized with sounds is output
+B (F11-5) - GND (F26-20)	L - BR	Battery	Always	10 to 14 V
MCVD (F11-7) - GND (F26-20)	LG - BR	Microphone AMP power supply	Turn ignition switch off → on (IG)	Below 1 V → 5 V
GND (F11-14) - Body ground	BR - Body ground	Ground	Always	Below 1 V
ACC (F11-16) - GND (F26-20)	GR - BR	Accessory (ON)	Turn ignition switch off → on (ACC)	Below 1 V → 10 to 14 V

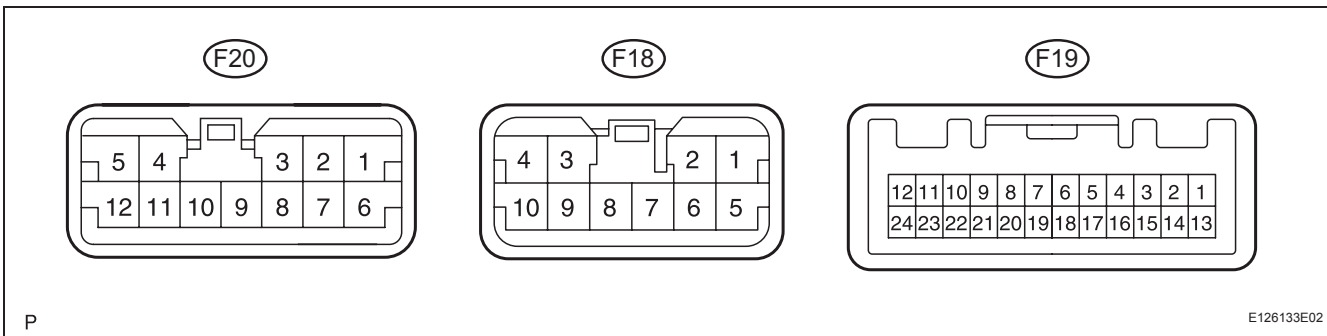
2. RADIO RECEIVER (STANDARD MODEL)



Symbols (Terminal No.)	Wiring Color	Terminal Description	Condition	Specification
FR+ (F6-1) - GND (F6-7)	LG - BR	Sound signal (Front Right)	Audio system is playing	A waveform synchronized with sounds is output
FL+ (F6-2) - GND (F6-7)	P - BR	Sound signal (Front Left)	Audio system is playing	A waveform synchronized with sounds is output
ACC (F6-3) - GND (F6-7)	GR - BR	Accessory (ON)	Turn ignition switch off → on (ACC)	Below 1 V → 10 to 14 V
B (F6-4) - GND (F6-7)	L-Y - BR	Battery	Always	10 to 14 V
FR- (F6-5) - GND (F6-7)	L - BR	Sound signal (Front Right)	Audio system is playing	A waveform synchronized with sounds is output
FL- (F6-6) - GND (F6-7)	V - BR	Sound signal (Front Left)	Audio system is playing	A waveform synchronized with sounds is output
GND (F6-7) - Body ground	BR - Body ground	Ground	Always	Below 1 V
ANT (F6-8) - GND (F6-7)	O - BR	Power source of antenna	Radio switch ON and AM or FM	10 to 14 V
ILL+ (F6-10) - GND (F6-7)	G - BR	Illumination signal	Light control switch OFF → TAIL or HEAD	Below 1 V → 10 to 14 V
RR+ (F7-1) - GND (F6-7)	R - BR	Sound signal (Rear Right)	Audio system is playing	A waveform synchronized with sounds is output
RL+ (F7-2) - GND (F6-7)	B - BR	Sound signal (Rear Left)	Audio system is playing	A waveform synchronized with sounds is output

Symbols (Terminal No.)	Wiring Color	Terminal Description	Condition	Specification
RR- (F7-3) - GND (F6-7)	W - BR	Sound signal (Rear Right)	Audio system is playing	A waveform synchronized with sounds is output
ILL- (F7-5) - GND (F6-7)	W-B - BR	Illumination (rheostat) signal	Light control switch OFF → TAIL or HEAD	Below 1 V → Pulse generation
RL- (F7-6) - GND (F6-7)	Y - BR	Sound signal (Rear Left)	Audio system is playing	A waveform synchronized with sounds is output
SPD (F8-3) - GND (F6-7)	V - BR	Speed signal from combination meter	Turn ignition switch on (IG). Turn drive wheels slowly.	Pulse generation
SWG (F8-6) - GND (F6-7)	P - BR	Steering pad switch ground	Always	Below 1 V
SW1 (F8-7) - GND (F6-7))	O - BR	Steering pad switch signal	Steering pad switch not operated → SEEK+ switch pushed → SEEK- switch pushed → VOL+ switch pushed → VOL- switch pushed	4 V or more → Approx. 0.5 V → Approx. 0.9 V → Approx. 2.0 V → Approx. 3.4 V
SW2 (F8-8) - GND (F6-7)	Y - BR	Steering pad switch signal	Steering pad switch not operated → MODE switch pushed	4 V or more → Below 2.5 V
ARI (F8-15) - GND (F6-7)	O - BR	Sound signal (Right)	External device is playing (When stereo jack is used)	A waveform synchronized with sounds is output
ASGN (F8-16) - GND (F6-7)	BR - BR	Shield ground	Always	Below 1 V
ALI (F8-17) - GND (F6-7)	R - BR	Sound signal (Left)	External device is playing (When stereo jack is used)	A waveform synchronized with sounds is output
AUXI (F8-19) - GND (F6-7)	G - BR	External device connection detection signal	External device is connected	Below 1 V

**3. STEREO COMPONENT AMPLIFIER (PREMIUM MODEL)**



AV

Symbols (Terminal No.)	Wiring Color	Terminal Description	Condition	Specification
MUTE (F19-1) - GND (F20-6)	O - BR	Mute signal from radio receiver	Audio system is playing → Changing	Above 3.5 V → Below 1 V
L- (F19-2) - GND (F20-6)	W - BR	Sound signal (Left)	Audio system is playing	A waveform synchronized with sounds is output
L+ (F19-3) - GND (F20-6)	B - BR	Sound signal (Left)	Audio system is playing	A waveform synchronized with sounds is output
R- (F19-4) - GND (F20-6)	G - BR	Sound signal (Right)	Audio system is playing	A waveform synchronized with sounds is output
R+ (F19-5) - GND (F20-6)	R - BR	Sound signal (Right)	Audio system is playing	A waveform synchronized with sounds is output
SLD (F19-6) - Body ground	Shielded - Body ground	Shield ground	Always	Blow 1 V
TX- (F19-7) - GND (F20-6)	G - BR	AVC-LAN communication signal	Turn ignition switch on (ACC)	2 to 3 V

Symbols (Terminal No.)	Wiring Color	Terminal Description	Condition	Specification
TX+ (F19-8) - GND (F20-6)	R - BR	AVC-LAN communication signal	Turn ignition switch on (ACC)	2 to 3 V
SPD (F19-11) - GND (F20-6)	V - BR	Speed signal from combination meter	Turn ignition switch on (IG). Turn drive wheels slowly.	Pulse generation
ACC (F19-12) - GND (F20-6)	GR - BR	Accessory (ON)	Turn ignition switch off → on (ACC)	Below 1 V → 10 to 14 V
INT- (F19-22) - GND (F20-6)	G - BR	Voice signal	Navigation or "Bluetooth " handsfree voice signal is provided	A waveform synchronized with sounds is output
INT+ (F19-23) - GND (F20-6)	R - BR	Voice signal	Navigation or "Bluetooth " handsfree voice signal is provided	A waveform synchronized with sounds is output
+B (F18-1) - GND (F20-6)	GR - BR	Battery	Always	10 to 14 V
FR+ (F18-2) - GND (F20-6)	LG - BR	Sound signal (Front Right)	Audio system is playing	A waveform synchronized with sounds is output
RL+ (F18-3) - GND (F20-6)	B - BR	Sound signal (Rear Left)	Audio system is playing	A waveform synchronized with sounds is output
RR- (F18-4) - GND (F20-6)	W - BR	Sound signal (Rear Right)	Audio system is playing	A waveform synchronized with sounds is output
+B2 (F18-5) - GND (F20-6)	GR - BR	Battery	Always	10 to 14 V
FR- (F18-6) - GND (F20-6)	L - BR	Sound signal (Front Right)	Audio system is playing	A waveform synchronized with sounds is output
FL- (F18-7) - GND (F20-6)	V - BR	Sound signal (Front Left)	Audio system is playing	A waveform synchronized with sounds is output
FL+ (F18-8) - GND (F20-6)	P - BR	Sound signal (Front Left)	Audio system is playing	A waveform synchronized with sounds is output
RL- (F18-9) - GND (F20-6)	Y - BR	Sound signal (Rear Left)	Audio system is playing	A waveform synchronized with sounds is output
RR+ (F18-10) - GND (F20-6)	R - BR	Sound signal (Rear Right)	Audio system is playing	A waveform synchronized with sounds is output
WFL- (F20-1) - GND (F20-6)	V - BR	Sound signal (Front Left)	Audio system is playing	A waveform synchronized with sounds is output
WFL+ (F20-2) - GND (F20-6)	P - BR	Sound signal (Front Left)	Audio system is playing	A waveform synchronized with sounds is output
WFR- (F20-3) - GND (F20-6)	L - BR	Sound signal (Front Right)	Audio system is playing	A waveform synchronized with sounds is output
SL+ (F20-4) - GND (F20-6)	G-W - BR	Sound signal (Rear Left)	Audio system is playing	A waveform synchronized with sounds is output
SR+ (F20-5) - GND (F20-6)	L - BR	Sound signal (Rear Right)	Audio system is playing	A waveform synchronized with sounds is output
GND (F20-6) - Body ground	BR - Body ground	Ground	Always	Below 1 V
E (F20-7) - Body ground	BR - Body ground	Ground	Always	Below 1 V
WFR+ (F20-9) - GND (F20-6)	LG - BR	Sound signal (Front Right)	Audio system is playing	A waveform synchronized with sounds is output
SL- (F20-10) - GND (F20-6)	BR - BR	Sound signal (Rear Left)	Audio system is playing	A waveform synchronized with sounds is output
SR- (F20-12) - GND (F20-6)	Y - BR	Sound signal (Rear Right)	Audio system is playing	A waveform synchronized with sounds is output