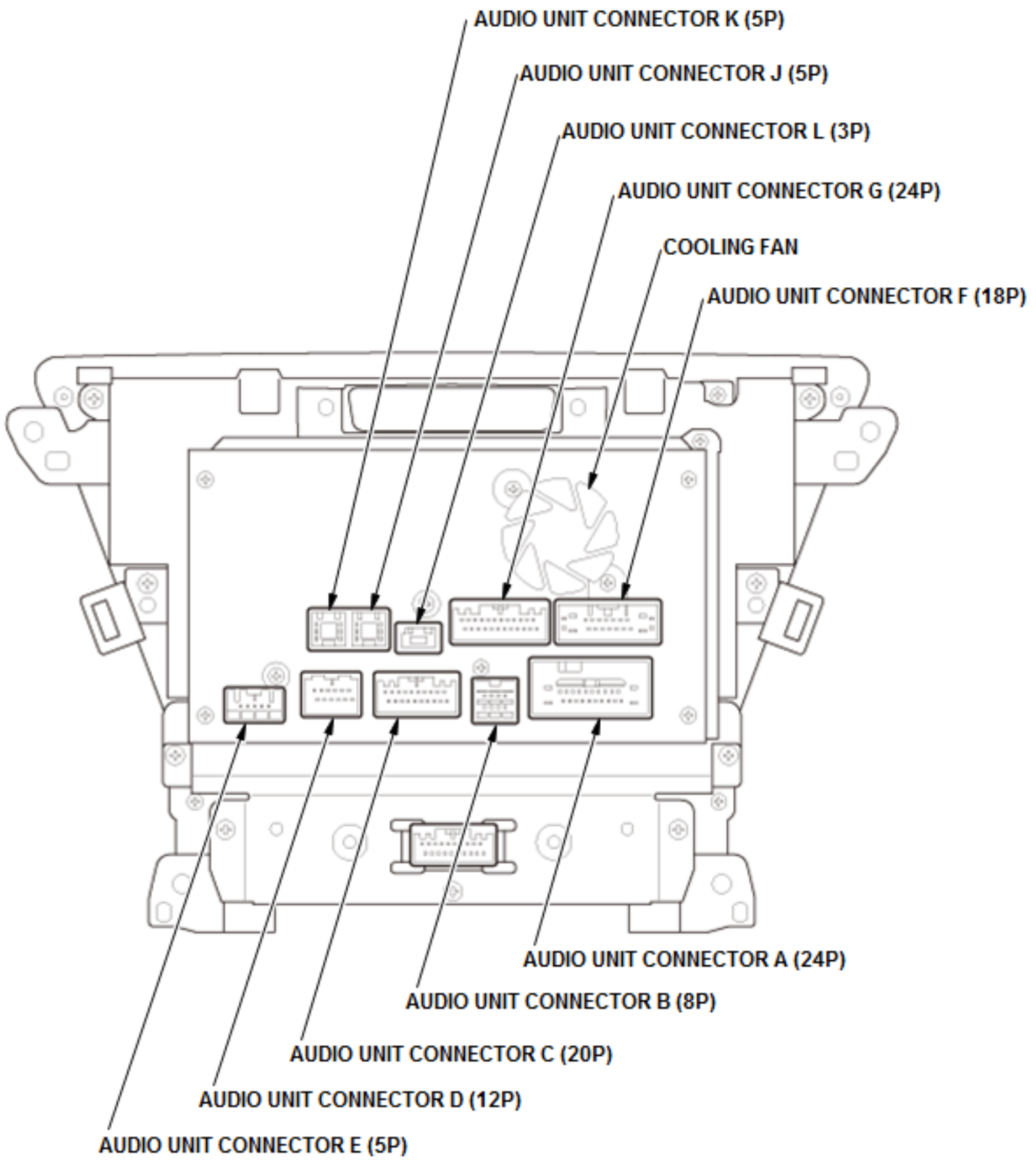
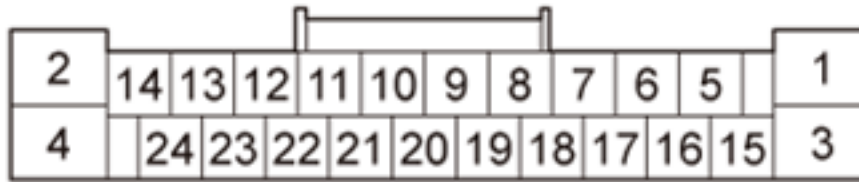


Audio Unit Connector for Inputs and Outputs



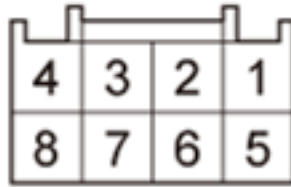
AUDIO UNIT CONNECTOR A (24P)



Wire side of female terminals

Cavity	Wire Color	Terminal Name	Description
A1	BLK	SGND	Ground for audio unit (G505)
A2	BLU	B-CAN_L	B-CAN bus communication signal
A3	ORN	+ B RADIO	Continuous power source
A4	PNK	B-CAN_H	B-CAN bus communication signal
A5	Not used	Not used	-----
A6	Not used	Not used	-----
A7	Not used	Not used	-----
A8	Not used	Not used	-----
A9	Not used	Not used	-----
A10	Not used	Not used	-----
A11	Not used	Not used	-----
A12	GRN	SCTY (2)	Security signal from center display unit
A13	LT BLU	K-LINE	Detects scan tool signal (serial data)
A14	Not used	Not used	-----
A15	BLU	FL PRE IN +	Outputs sound signal for left front channel
A16	YEL	FL PRE IN -	Outputs sound signal for left front channel
A17	Not used	Not used	-----
A18	Not used	Not used	-----
A19	LT BLU	FR PRE IN +	Outputs sound signal for right front channel
A20	GRY	FR PRE IN -	Outputs sound signal for right front channel
A21	PNK	RADIO SW (B)	Outputs signal for stereo amplifier and ANC/active sound control unit switching on/off
A22	Not used	Not used	-----
A23	Not used	Not used	-----
A24	PUR	B ACC	Power source for accessories

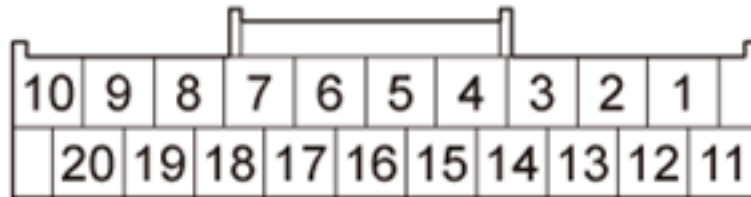
AUDIO UNIT CONNECTOR B (8P)



Wire side of female terminals

Cavity	Wire Color	Terminal Name	Description
B1	Not used	Not used	-----
B2	Not used	Not used	-----
B3	Not used	Not used	-----
B4	LT GRN	ANC CK2	Outputs ANC test signal
B5	Not used	Not used	-----
B6	Not used	Not used	-----
B7	Not used	Not used	-----
B8	Not used	Not used	-----

AUDIO UNIT CONNECTOR C (20P)

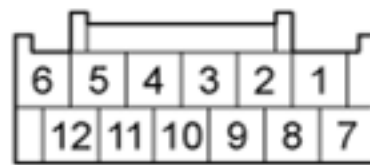


Wire side of female terminals

Cavity	Wire Color	Terminal Name	Description
C1	GRY	TELEM SIG SH	Shield for terminals No. 2 and No. 12
C2	YEL	TELEM SIG -	Inputs HFL prompts and telephone sound signal from HandsFreeLink control unit
C3	Not used	Not used	-----
C4	YEL	RS485 -	Communication signal to stereo amplifier
C5	BRN	RS485 +	Communication signal to stereo amplifier
C6	YEL	AUX GND	Ground for auxiliary jack assembly
C7	GRY	AUX SH	Shield for terminals No. 8, No. 17, and No. 18
C8	BLK	AUX SIG GND	Ground for sound signal from auxiliary jack assembly
C9	PNK	COMPASS 1	Communication signal to electrical compass unit
C10	ORN	COMPASS 2	Communication signal to electrical compass unit
C11	Not used	Not used	-----

Cavity	Wire Color	Terminal Name	Description
C12	BRN	TELEM SIG +	Inputs HFL prompts and telephone sound signal from HandsFreeLink control unit
C13	Not used	Not used	-----
C14	Not used	Not used	-----
C15	GRY	RS485 SH	Shield for terminals No. 4 and No. 5
C16	PUR	AUX DET	Detects connection signal for auxiliary jack assembly
C17	WHT	AUX RCH	Inputs sound signal from auxiliary jack assembly
C18	RED	AUX LCH	Inputs sound signal from auxiliary jack assembly
C19	BLU	COMPASS 3	Communication signal to electrical compass unit
C20	GRN	COMPASS 4	Communication signal to electrical compass unit

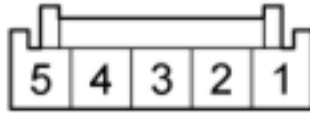
AUDIO UNIT CONNECTOR D (12P)



Wire side of female terminals

Cavity	Wire Color	Terminal Name	Description
D1	YEL	GA BUS -	GA-Net bus communication signal
D2	GRY	GA BUS SH	Shield for terminals No. 1 and No. 7
D3	RED	GA AUDIO L-	Inputs sound signal from HandsFreeLink control unit and XM receiver
D4	WHT	GA AUDIO R-	Inputs sound signal from HandsFreeLink control unit and XM receiver
D5	GRY	GA AUDIO SH	Shield for terminals No. 3, No. 4, No. 9, and No. 10
D6	PUR	GND	GA-Net related units ground
D7	BRN	GA BUS +	GA-Net bus communication signal
D8	ORN	GA SYS ON	Output signal for GA-Net related units switching on/off
D9	BLK	GA AUDIO L+	Inputs sound signal from HandsFreeLink control unit and XM receiver
D10	GRN	GA AUDIO R+	Inputs sound signal from HandsFreeLink control unit and XM receiver
D11	Not used	Not used	-----
D12	WHT	GA + B	Outputs power source for GA-Net related units

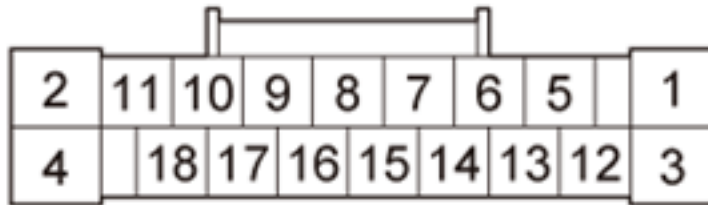
AUDIO UNIT CONNECTOR E (5P)



Wire side of female terminals

Cavity	Wire Color	Terminal Name	Description
E1	GRY	TUNE SH	Shield for terminals No. 2, No. 3, No. 4, and No. 5
E2	RED	TUNE L-	Inputs sound signal from tuner unit
E3	BLK	TUNE L+	Inputs sound signal from tuner unit
E4	WHT	TUNE R-	Inputs sound signal from tuner unit
E5	GRN	TUNE R+	Inputs sound signal from tuner unit

AUDIO UNIT CONNECTOR F (18P)

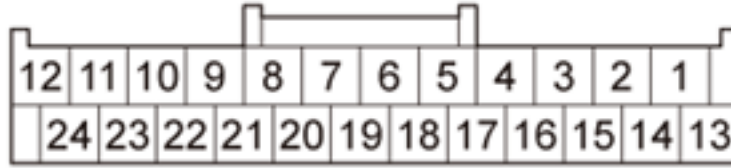


Wire side of female terminals

Cavity	Wire Color	Terminal Name	Description
F1	BLK	SGND	Ground for audio unit (G505)
F2	Not used	Not used	----
F3	ORN	+ B RADIO	Continuous power source
F4	Not used	Not used	----
F5	Not used	Not used	----
F6	Not used	Not used	----
F7	Not used	Not used	----
F8	Not used	Not used	----
F9	GRN	JOG SH	Shield for terminals No. 16
F10	Not used	Not used	----
F11	Not used	Not used	----
F12	Not used	Not used	----
F13	Not used	Not used	----
F14	Not used	Not used	----
F15	Not used	Not used	----

Cavity	Wire Color	Terminal Name	Description
F16	BLU	JOG	Input center switch panel/interface dial operation signal
F17	Not used	Not used	-----
F18	Not used	Not used	-----

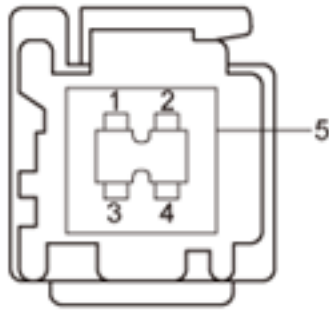
AUDIO UNIT CONNECTOR G (24P)



Wire side of female terminals

Cavity	Wire Color	Terminal Name	Description
G1	GRY	HFT SIRI SH	Shield for terminals No. 13 and No. 14
G2	GRY	RR CAM SH	Shield for terminals No. 3 and No. 15
G3	YEL	RR CAM RC GND	Ground for video signal
G4	Not used	Not used	-----
G5	BRN	BIT 0	Mode select signal for rearview camera
G6	Not used	Not used	-----
G7	Not used	Not used	-----
G8	Not used	Not used	-----
G9	Not used	Not used	-----
G10	Not used	Not used	-----
G11	Not used	Not used	-----
G12	Not used	Not used	-----
G13	LT BLU	HFT SIRI SIG +	Not used (reservation line)
G14	PUR	HFT SIRI GND	Not used (reservation line)
G15	BRN	RR CAM VID	Video signal for rearview camera
G16	WHT	RR CAM VCC	Power source for rearview camera
G17	RED	RR CAM ADPT	Detects connection signal for rearview camera
G18	ORN	BIT 1	Mode select signal for rearview camera
G19	Not used	Not used	-----
G20	Not used	Not used	-----
G21	Not used	Not used	-----
G22	Not used	Not used	-----
G23	Not used	Not used	-----
G24	BRN	BACK LT	Reverse signal of select lever from reverse relay circuit

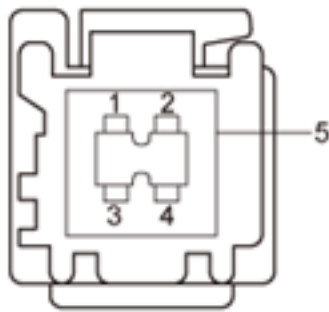
AUDIO UNIT CONNECTOR J (5P)



Terminal side of female terminals

Cavity	Wire Color	Terminal Name	Description
J1	----	USB GND	Ground for communication signal
J2	----	USB VBUS	Outputs power source for USB device
J3	----	USB DATA +	Communication signal for HandsFreeLink control unit
J4	----	USB DATA -	Communication signal for HandsFreeLink control unit
J5	----	USB SH	Shield for terminals No. 1, No. 2, No. 3, and No. 4

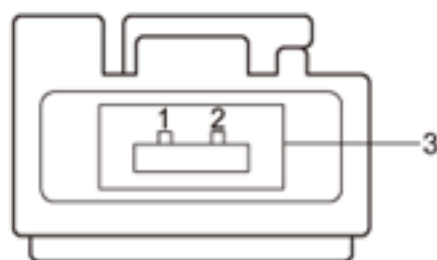
AUDIO UNIT CONNECTOR K (5P)



Terminal side of female terminals

Cavity	Wire Color	Terminal Name	Description
K1	----	USB GND	Ground for communication signal
K2	----	USB VBUS	Outputs power source for USB device
K3	----	USB DATA +	Communication signal
K4	----	USB DATA -	Communication signal
K5	----	USB SH	Shield for terminals No. 1, No. 2, No. 3, and No. 4

AUDIO UNIT CONNECTOR L (3P)



Terminal side of female terminals

Cavity	Wire Color	Terminal Name	Description
L1	———	GVIF –	Outputs video signal for center display unit

Cavity	Wire Color	Terminal Name	Description
L2	----	GVIF+	Outputs video signal for center display unit
L3	----	SH GVIF	Shield for terminals No. 1 and No. 2