

Connector Part Information

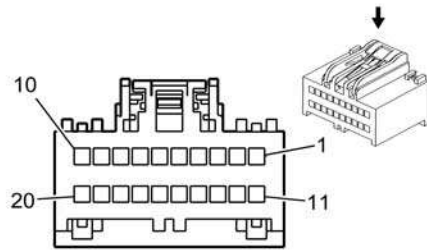
- Harness Type: Headliner
- OEM Connector: 13504884
- Service Connector: 15211684
- Description: 12-Way F 0.64 Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575867	J-35616-64B (LT BU)	J-38125-215A	Not available	Not available	Not available	Not available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GN/WH	24	Backup Lamp Control	I	DD8-UE1
2	0.35	VT/GY	539	Run/Crank Ignition 1 Voltage	I	(D31+UE1/UI3)/(DD8-UE1-UI3)
3	0.35	GN/WH	2514	Keypad Signal	I	D31/DD8+UE1/UI3
4	0.35	GN/BK	2515	Keypad Control	I	D31/DD8+UE1/UI3
5	0.35	BK	1350	Ground	I	D31/DD8
6	0.35	GN	5060	Low Speed GMLAN Serial Data	I	DD8+UE1
7	-	-	-	Not Occupied	-	-
8	0.35	RD/WH	5440	Battery Positive Voltage	I	DD8+UE1
9	0.35	BK/YE	1691	Automatic Day/Night Mirror Low Reference	I	DD8
10	0.35	YE/WH	1690	Automatic Day/Night Mirror Signal	I	DD8
11	0.35	YE/VT	2516	Keypad Green LED Control	I	D31+UE1/UI3
12	0.35	BN/WH	2517	Keypad Red LED Control	I	D31+UE1/UI3

COMPONENT CONNECTOR END VIEWS > A11 RADIO X1 (IO5/IO6)



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 15126710
- Service Connector: 15126710
- Description: 20-Way F USCAR 64 Series (GY with WH Terminal Position Assurance)

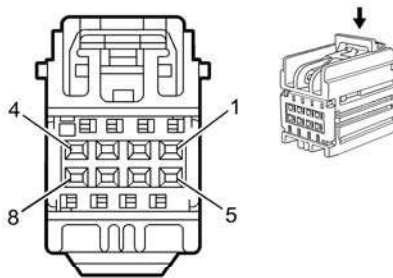
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575845	J-35616-64B (LT BU)	J-38125-215A	SAIT-A03T-M064	23	P	P

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	-	-	Not Occupied	-	-
2	0.35	GN/YE	7066	Entertainment Remote Enable Signal	I	-
3 - 7	-	-	-	Not Occupied	-	-
8	0.35	VT	5843	Auxiliary Audio Common Signal	I	IO6+MAW
9	0.35	GY	5839	Left Auxiliary Audio Signal (2)	I	IO6+MAW
10	0.35	GN	5841	Right Auxiliary Audio Signal (2)	I	IO6+MAW
11 - 12	-	-	-	Not Occupied	-	-
13	0.35	GN/BU	7532	Local Interconnect Network Serial Data Bus 10	I	-
14	0.35	GY/GN	1102	Low Speed GMLAN Serial Data #2	I	IO5/IO6

15	-	-	-	Not Occupied	-	-
16	0.35	BN/GN	4502	Video Display Request Signal	I	IO6+MAW
17	0.35	BU/VT	4609	Audio Request Signal	I	IO6+MAW
18	-	-	-	Not Occupied	-	-
19	0.35 0.35	BK/YE VT/BU	659 2061	Cellular Telephone Voice Low Reference Navigation Audio Low Mono Signal	I	IO5/IO6+UE1/UI3 IO6+MAW
20	0.35 0.35	YE BU/WH	658 2062	Cellular Telephone Voice Signal Navigation Audio High Mono Signal	I	IO5/IO6+UE1/UI3 IO6+MAW

COMPONENT CONNECTOR END VIEWS > A11 RADIO X2 (IO5/IO6)



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 89047354
- Service Connector: 19115653
- Description: 8-Way F YESC Kaizen Series (L-GY)

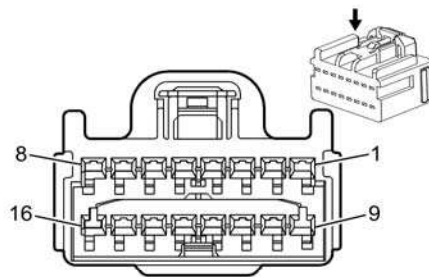
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	Not Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal	Option
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					Type ID	
1	0.35	WH/GN	3997	MOST Serial Data (-)	I	-
2	0.35	GY/VT	3998	MOST Serial Data (+)	I	-
3	0.35	WH/GN	3997	MOST Serial Data (-)	I	IO5/IO6
4	0.35	GY/VT	3998	MOST Serial Data (+)	I	IO5/IO6
5	-	-	-	Not Occupied	-	-
6	0.35	WH/VT	3999	MOST Control	I	IO5/IO6
7 - 8	-	-	-	Not Occupied	-	-

COMPONENT CONNECTOR END VIEWS > A11 RADIO X3



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 89047090
- Service Connector: 89047090
- Description: 16-Way F 1.5 Kaizen Series (GN)

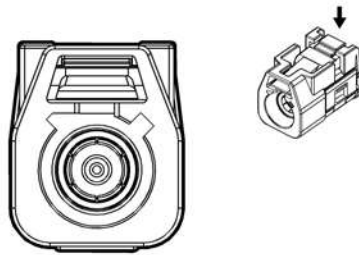
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575850	J-35616-2A (GY)	J-38125-11A	Not available	Not available	Not available	Not available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75 0.75	BU BU	511 201	Left Front Low Level Audio Signal Left Front Speaker Control	I	NKC+UQ3+IO5/IO6 UQ3+IO5/IO6-NKC

				(+) (1)		
2	0.75 0.75	YE YE	512 200	Right Front Low Level Audio Signal Right Front Speaker Control (+) (1)	I	NKC+UQ3+IO5/IO6 UQ3+IO5/IO6-NKC
3	0.75 0.75	GN/BK GN	599 199	Left Rear Low Level Audio Signal Left Rear Speaker Control (+)	I	NKC+UQ3+IO5/IO6 UQ3+IO5/IO6-NKC
4	0.75 0.75	BN/WH WH	546 46	Right Rear Low Level Audio Signal Right Rear Speaker Control (+)	I	NKC+UQ3+IO5/IO6 UQ3+IO5/IO6-NKC
5 - 7	-	-	-	Not Occupied	-	-
8	1	RD/VT	340	Battery Positive Voltage	I	IO5/IO6
9	0.75 0.75	BN/BU BN/BU	1947 118	Left Front Low Level Audio (-) Low Reference Left Front Speaker Signal (-) (1)	I	NKC+UQ3+IO5/IO6 UQ3+IO5/IO6-NKC
10	0.75 0.75	BU/BN YE/BK	1546 117	Front Low Level Audio (-) Low Reference Right Front Speaker Signal (-) (1)	I	NKC+UQ3+IO5/IO6 UQ3+IO5/IO6-NKC
11	0.75 0.75	BN/VT GN/BK	1999 116	Left Rear Low Level Audio (-) Low Reference Left Rear Speaker Signal (-)	I	NKC+UQ3+IO5/IO6 UQ3+IO5/IO6-NKC
12	0.75 0.75	BU/BK BU/BK	1946 115	Right Rear Low Level Audio (-) Low Reference Right Rear Speaker Signal (-)	I	NKC+UQ3+IO5/IO6 UQ3+IO5/IO6-NKC
13 - 15	-	-	-	Not Occupied	-	-
16	0.5	BK/WH	1551	Signal Ground	I	IO5/IO6

COMPONENT CONNECTOR END VIEWS > A11 RADIO X4 (IO5/IO6)



Connector Part Information

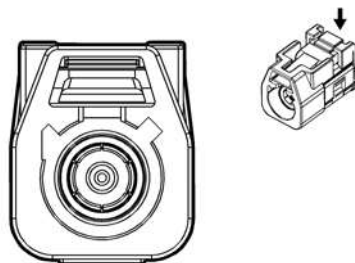
- Harness Type: Instrument Panel COAX
- OEM Connector: 13583834
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way F Coax Type (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	COAX	-	(AM/FM) Antenna RF Signal	I	-

COMPONENT CONNECTOR END VIEWS > A11 RADIO X5 (IO5/IO6)



Connector Part Information

- Harness Type: Instrument Panel COAX

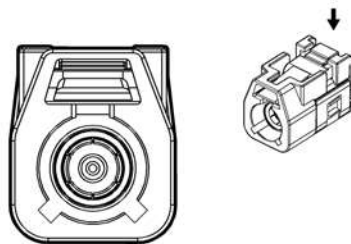
- OEM Connector: 13583835
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way F Coax Type (WH)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	COAX	-	(FM2) Antenna RF Signal (2)	I	-

COMPONENT CONNECTOR END VIEWS > A11 RADIO X6 (IO5/IO6)



Connector Part Information

- Harness Type: Instrument Panel COAX
- OEM Connector: 13586878
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way F Coax Type (CU)

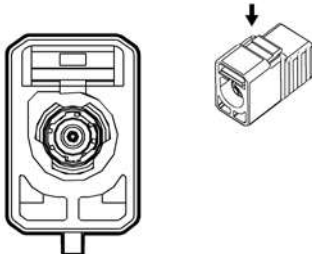
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp

I	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	COAX	-	(XM +/-HD) Coaxial Antenna XM Signal	I	-

COMPONENT CONNECTOR END VIEWS > A11 RADIO X9 (IO5/IO6)

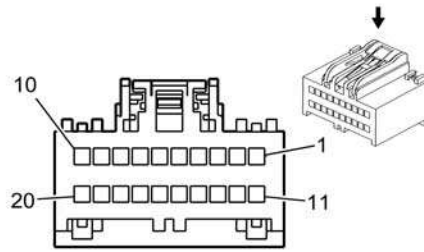
							
Connector Part Information • Harness Type: Instrument Panel COAX • OEM Connector: 13583838 • Service Connector: Service by Cable Assembly - See Part Catalog • Description: 1-Way F Coax Type (GN)							

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	COAX	-	(DAB/DMB) Coaxial Antenna DAB Signal	I	-

COMPONENT CONNECTOR END VIEWS > A11 RADIO X1 (IOB)



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13593932
- Service Connector: 13593932
- Description: 20-Way F USCAR 64 Series (GY)

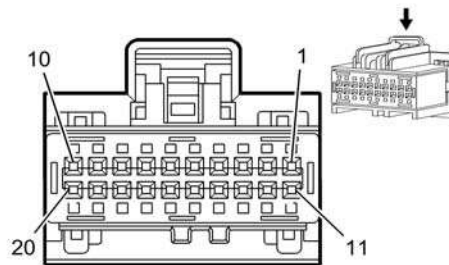
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575845	J-35616-64B (LT BU)	J-38125-215A	SAIT-A03T-M064	23	P	P

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	BK/WH	1551	Signal Ground	I	IOB
2	0.35	GY/BN	3761	Infotainment Regulated Control	I	IOB
3	0.35	GY/BN	3761	Infotainment Regulated Control	I	IOB
4	0.35	GY/GN	1102	Low Speed GMLAN Serial Data #2	I	IOB
5	-	-	-	Not Occupied	-	-
6	0.35	BK/GY	5152	Voice Recognition Audio Low Reference	I	IOB+UE1
7	0.35	GY/YE	5149	Voice Recognition Audio Signal	I	IOB+UE1
8	0.35	BN/GN	3983	Display Radio Bank Switch Signal 2	I	IOB

9	0.35	BK/YE	659	Cellular Telephone Voice Low Reference	I	IOB+UE1
10	0.35	YE	658	Cellular Telephone Voice Signal	I	IOB+UE1
11	0.75	RD/VT	340	Battery Positive Voltage	I	IOB
12	0.35	GN/YE	7066	Entertainment Remote Enable Signal	I	IOB+NKC+UQ3
13	0.5	BARE	6974	Camera Low Reference	I	IOB+UVC
14	0.35	WH/BU	6973	Camera Signal 2	I	IOB+UVC
15	0.35	GY/YE	6972	Camera Signal 2 +	I	IOB+UVC
16 - 20	-	-	-	Not Occupied	-	-

COMPONENT CONNECTOR END VIEWS > A11 RADIO X2 (IOB)



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13593933
- Service Connector: 13593933
- Description: 20-Way F USCAR 64 Series (BN)

Terminal Part Information

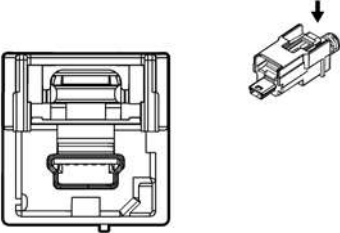
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575845	J-35616-64B (LT BU)	J-38125-215A	SAIT-A03T-M064	23	P	P

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
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1 - 2	-	-	-	Not Occupied	-	-
3	0.35	GY	314	Radio On Signal	I	IOB
4	0.35	VT/GY	1381	LCD Dimming Signal	I	IOB
5	0.35	GY/BU	3989	Display Radio Bank Switch Dim Signal	I	IOB
6	0.35	BN/GN	4502	Video Display Request Signal	I	IOB
7	0.35	BN/GN	3364	Navigation Display Reset Signal	I	IOB
8	0.35	BU	4315	Radio Volume Up Signal	I	IOB
9	0.35	GY/BN	4314	Radio Volume Down Signal	I	IOB
10	0.75	BK/WH	1551	Signal Ground	I	IOB
11	0.75 0.75	BN/WH WH	546 46	Right Rear Low Level Audio Signal Right Rear Speaker Control (+)	I	IOB+NKC+UQ3 IOB+UQ3-NKC
12	0.75 0.75	BU/BK BU/BK	1946 115	Right Rear Low Level Audio (-) Low Reference Right Rear Speaker Signal (-)	I	IOB+NKC+UQ3 IOB+UQ3-NKC
13	0.75 0.75	GN/BK GN	599 199	Left Rear Low Level Audio Signal Left Rear Speaker Control (+)	I	IOB+NKC+UQ3 IOB+UQ3-NKC
14	0.75 0.75	BN/VT GN/BK	1999 116	Left Rear Low Level Audio (-) Low Reference Left Rear Speaker Signal (-)	I	IOB+NKC+UQ3 IOB+UQ3-NKC
15	0.75 0.75	BU/BN YE/BK	1546 117	Front Low Level Audio (-) Low Reference Right Front Speaker Signal (-) (1)	I	IOB+NKC+UQ3 IOB+UQ3-NKC
16	0.75 0.75	YE YE	512 200	Right Front Low Level Audio Signal Right Front Speaker Control (+) (1)	I	IOB+NKC+UQ3 IOB+UQ3-NKC
17	0.75 0.75	BN/BU BN/BU	1947 118	Left Front Low Level Audio (-) Low Reference Left Front Speaker Signal (-) (1)	I	IOB+NKC+UQ3 IOB+UQ3-NKC
18	0.75 0.75	BU BU	511 201	Left Front Low Level Audio Signal Left Front Speaker Control	I	IOB+NKC+UQ3 IOB+UQ3-NKC

				(+) (1)		
19	-	-	-	Not Occupied	-	-
20	0.75	RD/VT	340	Battery Positive Voltage	I	IOB

COMPONENT CONNECTOR END VIEWS > A11 RADIO X3 (IOB)



Connector Part Information

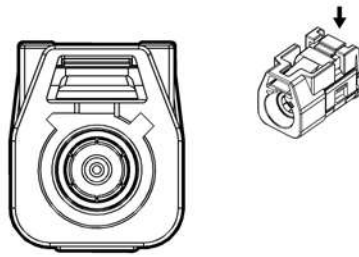
- Harness Type: Instrument Panel USB
- OEM Connector: 13578154
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 5-Way M 2.0 Mini-B USB Type (BU)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	USB	-	USB Serial Data	I	-

COMPONENT CONNECTOR END VIEWS > A11 RADIO X4 (IOB)



Connector Part Information

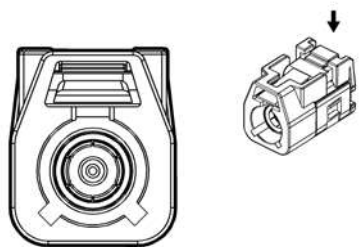
- Harness Type: Instrument Panel COAX
- OEM Connector: 13583834
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way F Coax Type (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	COAX	-	(AM/FM) Antenna RF Signal	I	-

COMPONENT CONNECTOR END VIEWS > A11 RADIO X5 (IOB)



Connector Part Information

- Harness Type: Instrument Panel COAX

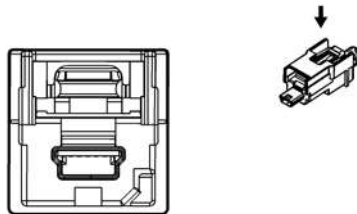
- OEM Connector: 13586878
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way F Coax Type (CU)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	COAX	-	(XM +/-HD) Coaxial Antenna XM Signal	I	-

COMPONENT CONNECTOR END VIEWS > A11 RADIO X7 (IOB)



Connector Part Information

- Harness Type: Instrument Panel LVDS
- OEM Connector: 13576672
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 5-Way M 2.0 Mini-B USB Type (GY)

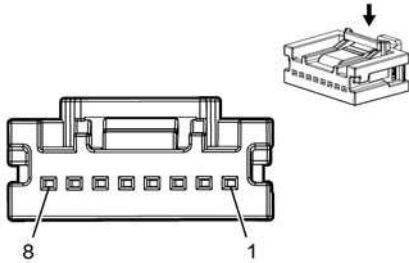
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
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I	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	LVDS	-	(Infotainment) Infotainment Display Signal	I	-

COMPONENT CONNECTOR END VIEWS > A26 HVAC CONTROLS (IOB)

							
Connector Part Information • Harness Type: Instrument Panel • OEM Connector: 13593913 • Service Connector: 19333226 • Description: 8-Way F 0.64 Series (BK)							

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	Not Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GY/BN	3761	Infotainment Regulated Control	I	IOB
2	0.35	GN/BK	2515	Keypad Control	I	IOB
3	0.35	BN/GN	3983	Display Radio Bank Switch Signal 2	I	IOB