

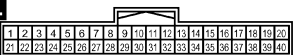
BOSE AUDIO WITH NAVIGATION SYSTEM

Connector No.	M63
Connector Name	CENTER SPEAKER
Connector Type	TK02FBR



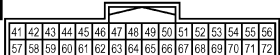
Terminal No.	Color of Wire	Signal Name [Specification]
1	L	-
2	LG	-

Connector No.	M66
Connector Name	UNIFIED METER AND A/C AMP.
Connector Type	TH40FW-NH



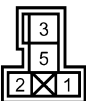
Terminal No.	Color of Wire	Signal Name [Specification]
28	R	VEHICLE SPEED SIGNAL (8-PULSE)

Connector No.	M67
Connector Name	UNIFIED METER AND A/C AMP.
Connector Type	TH32FW-NH



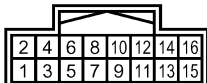
Terminal No.	Color of Wire	Signal Name [Specification]
56	L	CAN-H
72	P	CAN-L

Connector No.	M69
Connector Name	BACK-UP LAMP RELAY
Connector Type	MS02FL-M2-LC



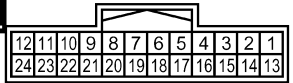
Terminal No.	Color of Wire	Signal Name [Specification]
1	R	-
2	W	-
3	LG	-
5	O	-

Connector No.	M72
Connector Name	MULTIFUNCTION SWITCH
Connector Type	TH18FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	B	GND
3	L	ACC
6	G	AV COMM (H)
8	R	AV COMM (L)
9	BR	SW GND
14	SB	EJECT SIGNAL

Connector No.	M75
Connector Name	DISPLAY UNIT (WITH NAVI)
Connector Type	TH24FW-NH



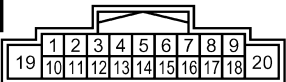
Terminal No.	Color of Wire	Signal Name [Specification]
1	B	GND
2	Y	BATTERY
3	LG	ACC
4	SHIELD	SHIELD
5	R	AUX IMAGE GND
6	B	RGB (G:GREEN) SIGNAL
7	V	SHIELD
8	R	HP
9	O	RGB AREA (YS) SIGNAL
11	L	COMM (CONT->DISP)
12	W	CAMERA IMAGE SIGNAL

13	B	GND
14	B	SHIELD
15	G	AUX IMAGE SIGNAL
17	W	RGB (R:RED) SIGNAL
18	R	RGB (B:BLUE) SIGNAL
19	G	RGB SYNC
20	W	VP
21	B	SHIELD
22	LG	COMM (DISP->CONT)
23	B	SHIELD

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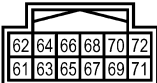
BOSE AUDIO WITH NAVIGATION SYSTEM

Connector No.	M80
Connector Name	AV CONTROL UNIT (WITH NAVI)
Connector Type	TH18FW-CS2



Terminal No.	Color of Wire	Signal Name [Specification]
1	SB	AMP_ON SIGNAL
2	O	SOUND SIGNAL FRONT LH (+)
3	W	SOUND SIGNAL FRONT LH (-)
4	V	SOUND SIGNAL REAR LH (+)
5	LG	SOUND SIGNAL REAR LH (-)
6	P	STRG SW A
7	GR	ACC
9	L	ILLUMINATION
10	B	SHIELD
11	R	SOUND SIGNAL FRONT RH (+)
12	G	SOUND SIGNAL FRONT RH (-)

Connector No.	M88
Connector Name	AV CONTROL UNIT (WITH NAVI)
Connector Type	TH12FW-NH

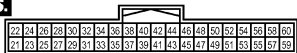


Terminal No.	Color of Wire	Signal Name [Specification]
61	W	RGB (R:RED) SIGNAL
62	B	RGB (G:GREEN) SIGNAL
63	R	RGB (B:BLUE) SIGNAL
64	V	SHIELD
65	G	RGB SYNC
66	B	SHIELD
67	O	RGB AREA (YS) SIGNAL
68	R	HP
69	W	VP
70	L	COMM (CONT->DISP)
71	LG	COMM (DISP->CONT)

13	BR	SOUND SIGNAL REAR RH (+)
14	Y	SOUND SIGNAL REAR RH (-)
15	B	STRG SW GND
16	L	STRG SW B
19	Y	BATTERY
20	B	GND

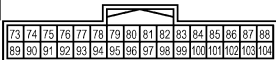
72	B	SHIELD
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Connector No.	M87
Connector Name	AV CONTROL UNIT (WITH NAVI)
Connector Type	TH40FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
21	B	GND
22	Y	BATTERY
23	B	GND
24	Y	BATTERY
25	V	ACC
26	G	MICROPHONE VCC
27	SHIELD	MICROPHONE GND
28	R	MICROPHONE SIGNAL
35	G	IGNITION
36	SB	PARKING BRAKE
37	O	REVERSE

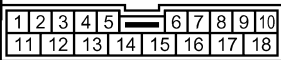
Connector No.	M89
Connector Name	AV CONTROL UNIT (WITH NAVI)
Connector Type	TH32FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
79	R	iPod SOUND SIGNAL LH (+)
80	B	iPod SOUND SIGNAL RH (+)
81	SHIELD	SHIELD
85	SB	EJECT SIGNAL
86	SHIELD	SHIELD
87	W	AUX SOUND SIGNAL LH (+)
88	B	AUX SOUND SIGNAL GND
95	W	iPod SOUND SIGNAL LH (-)
96	G	iPod SOUND SIGNAL RH (-)
102	BR	SW GND
103	R	AUX SOUND SIGNAL RH (+)

38	GR	VEHICLE SPEED (8-PULSE)
40	W	CONNECTION RECOGNITION
41	B	CONTROL SIGNAL I
44	SB	MODE CHANGE SIGNAL
48	G	AV COMM (H)
49	R	AV COMM (L)
50	V	AV COMM (H)
51	LG	AV COMM (L)
52	L	CAN-H
53	P	CAN-L

Connector No.	M106
Connector Name	WIRE TO WIRE
Connector Type	TK10MW-NS8



Terminal No.	Color of Wire	Signal Name [Specification]
1	R	- [With rear view camera]
2	G	- [With rear view camera]
3	SHIELD	- [With rear view camera]

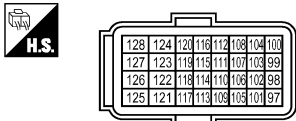
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A B C D E F G H I J K L M N O P

AV

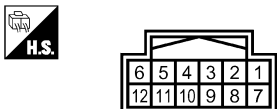
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Connector No.	M107
Connector Name	ECM
Connector Type	RH24FGY-R28-R-LH-Z



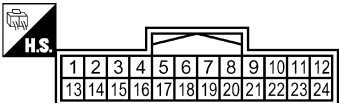
Terminal No.	Color of Wire	Signal Name [Specification]
113	P	VEHCAN-L1
114	L	VEHCAN-H1

Connector No.	M114
Connector Name	WIRE TO WIRE
Connector Type	TH12FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	L	-
2	G	-
3	O	-
4	SHIELD	-
5	W	-
6	B	-
7	R	-
8	BR	-
9	W	-
10	W	-
11	SHIELD	-

Connector No.	M111
Connector Name	iPod ADAPTER
Connector Type	TH24FW-NH

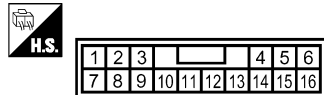


Terminal No.	Color of Wire	Signal Name [Specification]
1	R	iPod SOUND SIGNAL LH (+)
2	B	iPod SOUND SIGNAL RH (+)
3	V	ACC
4	R	AV COMM (L)
5	Y	BATTERY
8	W	CHARGE POWER
9	P	COMM (iPod ADAPTER->iPod)
10	L	COMM (iPod->iPod ADAPTER)
11	O	ACCESSORY IDENTIFY
12	W	iPod SOUND SIGNAL RH (+)
13	W	iPod SOUND SIGNAL LH (-)

12	P	-
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14	G	iPod SOUND SIGNAL RH (-)
15	SHIELD	SHIELD
16	G	AV COMM (H)
17	BR	GND
19	SHIELD	SHIELD
21	W	iPod CONNECTION RECOGNITION
22	G	ACCESSORY DETECT
23	R	iPod SOUND SIGNAL GND
24	B	iPod SOUND SIGNAL LH (+)

Connector No.	M112
Connector Name	iPod SIDE (WITH A/T)
Connector Type	IP16FGY



Terminal No.	Color of Wire	Signal Name [Specification]
1	B	iPod SOUND SIGNAL LH (+)
2	R	iPod SOUND SIGNAL GND
5	L	COMM (iPod->iPod ADAPTER)
6	P	COMM (iPod ADAPTER->iPod)
7	W	iPod SOUND SIGNAL RH (+)
9	W	iPod CONNECTION RECOGNITION
10	BR	GND
12	W	CHARGE POWER
14	SHIELD	SHIELD
15	G	ACCESSORY DETECT
16	O	ACCESSORY IDENTIFY

Connector No.	M116
Connector Name	WIRE TO WIRE
Connector Type	TK36MW-NS10

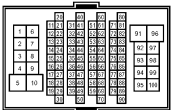


Terminal No.	Color of Wire	Signal Name [Specification]
30	LG	-
31	W	-
41	O	-

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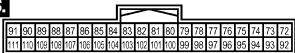
Connector No.	M117
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
51	P	-
52	V	-
53	LG	-
54	B	-
60	Y	-
61	SB	-
62	W	-
63	G	-
64	R	-
65	L	-
66	BR	-

67	O	-
99	P	-
100	L	-

Connector No.	M122
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	TH40FB-NH



Terminal No.	Color of Wire	Signal Name [Specification]
90	P	CAN-L
91	L	CAN-H

Connector No.	M124
Connector Name	WIRE TO WIRE
Connector Type	TH40MW-CS15



Terminal No.	Color of Wire	Signal Name [Specification]
9	R	-
10	G	-
36	R	-
37	BR	-

Connector No.	M145
Connector Name	WIRE TO WIRE
Connector Type	TH04MW-NH



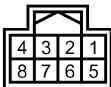
Terminal No.	Color of Wire	Signal Name [Specification]
3	B	-
4	W	-

Connector No.	M154
Connector Name	AUXILIARY INPUT JACKS (WITH A/T)
Connector Type	A08FW



Terminal No.	Color of Wire	Signal Name [Specification]
1	R	SOUND SIGNAL RH (+)
2	B	SOUND SIGNAL GND
3	W	SOUND SIGNAL LH (+)
7	G	AUX IMAGE SIGNAL
8	R	AUX IMAGE GND

Connector No.	M155
Connector Name	WIRE TO WIRE
Connector Type	TH08FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	SHIELD	-
2	B	-
3	R	-
4	W	-
5	B	-
6	B	-
7	G	-
8	R	-

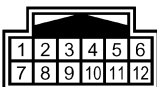
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A B C D E F G H I J K L M O P

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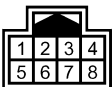
BOSE AUDIO WITH NAVIGATION SYSTEM

Connector No.	M181
Connector Name	WIRE TO WIRE
Connector Type	TH12MW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	L	-
2	G	-
3	O	-
4	SHIELD	-
5	GR	-
6	BR	-
7	W	-
8	BR	-
9	L	-
10	W	-
11	SHIELD	-

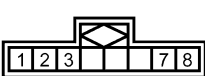
Connector No.	M361
Connector Name	WIRE TO WIRE
Connector Type	TH08MW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	SHIELD	-
2	B	-
3	R	- [With NAVI]
4	W	- [With NAVI]
5	SHIELD	-
6	SHIELD	-
7	G	-
8	R	-

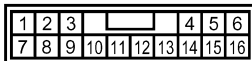
12	P	-
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Connector No.	M362
Connector Name	AUXILIARY INPUT JACKS (WITH M/T)
Connector Type	A08FW



Terminal No.	Color of Wire	Signal Name [Specification]
1	R	- [With NAVI]
2	B	-
3	W	- [With NAVI]
7	G	-
8	R	-

Connector No.	M182
Connector Name	iPod SIDE (WITH M/T)
Connector Type	IP16FGY



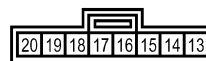
Terminal No.	Color of Wire	Signal Name [Specification]
1	BR	iPod SOUND SIGNAL LH (+)
2	W	iPod SOUND SIGNAL GND
5	L	COMM (iPod->iPod ADAPTER)
6	P	COMM (iPod ADAPTER->iPod)
7	GR	iPod SOUND SIGNAL RH (+)
9	W	iPod CONNECTION RECOGNITION
10	BR	GND
12	L	CHARGE POWER
14	SHIELD	SHIELD
15	G	ACCESSORY DETECT
16	O	ACCESSORY IDENTIFY

Connector No.	M371
Connector Name	AV CONTROL UNIT (WITH NAVI)
Connector Type	GT13SH-2/1S-HU



Terminal No.	Color of Wire	Signal Name [Specification]
105	-	FM SUB
106	-	AM-FM MAIN
107	-	ANTENNA AMP. ON SIGNAL

Connector No.	M303
Connector Name	COMBINATION SWITCH (SPIRAL CABLE)
Connector Type	TK08FGY



Terminal No.	Color of Wire	Signal Name [Specification]
14	W	-
15	L	-
17	BR	-

Connector No.	M372
Connector Name	AV CONTROL UNIT (WITH NAVI)
Connector Type	FAKRA JACK



Terminal No.	Color of Wire	Signal Name [Specification]
108	-	SATELLITE ANTENNA
109	SHIELD	SHIELD

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Connector No.	M373
Connector Name	AV CONTROL UNIT (WITH NAVI)
Connector Type	GT5-1S-HU



Terminal No.	Color of Wire	Signal Name [Specification]
110	-	GPS ANTENNA
111	SHIELD	SHIELD

Connector No.	M374
Connector Name	WIRE TO WIRE
Connector Type	GT16C-1PP-HU



Terminal No.	Color of Wire	Signal Name [Specification]
1	-	-
2	SHIELD	-

Connector No.	M375
Connector Name	WIRE TO WIRE
Connector Type	GT13SC-2/1S-HU



Terminal No.	Color of Wire	Signal Name [Specification]
1	-	-
2	-	-
3	-	-

Connector No.	M376
Connector Name	WIRE TO WIRE
Connector Type	GT13SCN-2/1PP-HU



Terminal No.	Color of Wire	Signal Name [Specification]
1	-	-
2	-	-
3	-	-

Connector No.	M377
Connector Name	WIRE TO WIRE
Connector Type	GT16C-1S-HU



Terminal No.	Color of Wire	Signal Name [Specification]
1	-	-
2	SHIELD	-

Connector No.	M378
Connector Name	ANTENNA AMP.
Connector Type	GT13SC-1/1S-HU



Terminal No.	Color of Wire	Signal Name [Specification]
1	-	ANTENNA AMP_ON SIGNAL
2	-	AM-FM MAIN

Connector No.	M379
Connector Name	GLASS ANTENNA (SUB)
Connector Type	P01FB-A



Terminal No.	Color of Wire	Signal Name [Specification]
1	-	-

Connector No.	M380
Connector Name	WIRE TO WIRE
Connector Type	GT16-1PP-HU


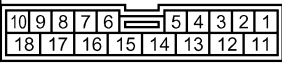


Terminal No.	Color of Wire	Signal Name [Specification]
1	-	-
2	SHIELD	-

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A B C D E F G H I J K L M AV O P

Connector No.	R1
Connector Name	WIRE TO WIRE
Connector Type	TK10FW-NS8



Terminal No.	Color of Wire	Signal Name [Specification]
1	R	- [With rear view camera]
2	G	- [With rear view camera]
3	SHIELD	-

Connector No.	M383
Connector Name	SATELLITE RADIO ANTENNA
Connector Type	GT16C-IPP-HU

Terminal No.	Color of Wire	Signal Name [Specification]
1	-	-
2	SHIELD	-



Connector No.	M382
Connector Name	WIRE TO WIRE
Connector Type	GT16C-1S-HU

Terminal No.	Color of Wire	Signal Name [Specification]
1	-	-
2	SHIELD	-



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Connector No.	M381
Connector Name	GLASS ANTENNA (MAIN)
Connector Type	P01FB-A


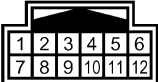
Terminal No.	Color of Wire	Signal Name [Specification]
1	-	-

Connector No.	R17
Connector Name	MICROPHONE
Connector Type	TK04FW


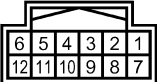
Terminal No.	Color of Wire	Signal Name [Specification]
1	R	MICROPHONE SIGNAL
2	SHIELD	SHIELD
4	G	MICROPHONE VCC

Connector No.	R11
Connector Name	WIRE TO WIRE
Connector Type	TH12MW-NH

Terminal No.	Color of Wire	Signal Name [Specification]
3	SHIELD	-
4	R	-
5	G	-

Connector No.	R2
Connector Name	WIRE TO WIRE
Connector Type	TH12FW-NH

Terminal No.	Color of Wire	Signal Name [Specification]
3	SHIELD	-
4	R	- [With rear view camera]
5	G	- [With rear view camera]

Fail-Safe

When the ambient temperature becomes extremely low or extremely high, or when HDD is malfunctioning, AV control unit displays the message and limits the AV control unit function.

FAIL-SAFE CONDITIONS

- When the ambient temperature is -20°C (-4°F) or lower, or when it is 70°C (158°F) or higher
- when HDD is malfunctioning

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