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TROUBLESHOOT PROCEDURE SD-NAVI WITH ANC (version 1.00)

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2- VIEWS and PINOUT

- Front View -



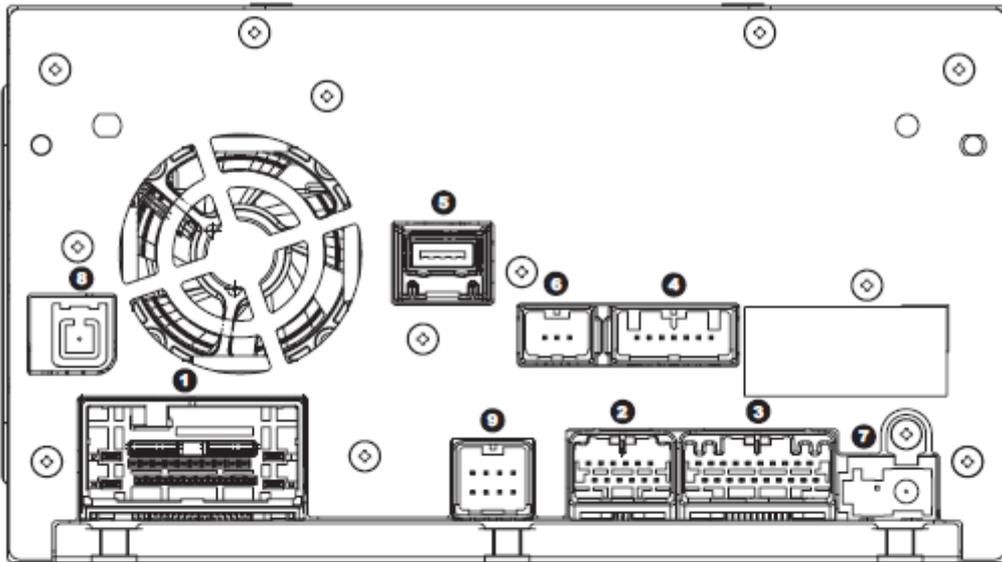


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- Rear View -

Pre-amplified SD unit :



1 MAIN-CP 24P 074-4026-24 JAEMX34C24NFA		2 GA-NET 074-4017-12 MX34012NF1		3 AUX TEL SW 074-4017-20 MX34020NF1		4 RR-CAMERA 074-4017-07 MX34007NF1	
NO	CONNECTIONS	NO	CONNECTIONS	NO	CONNECTIONS	NO	CONNECTIONS
1	ILL-	13	ILL+	1	GA GND	11	N.C.
2	N.C.	14	ACC	2	GA AUDIO SH	12	TEL SIG+
3	N.C.	15	VSP	3	GA AUDIO R-	13	N.C.
4	SECURITY	16	REMOTE	4	GA AUDIO L-	14	N.C.
5	REMOTE GND	17	SWD +B	5	GA BUS SH	15	N.C.
6	PRE RR SP-	18	PRE FR SP-	6	GA BUS-	16	N.C.(AUX DET)
7	PRE RR SP+	19	PRE FR SP+	7	GA +B	17	AUX SH GND
8	RR SH	20	FR SH	8	N.C.	8	AUX SIG GND
9	RL SH	21	FL SH	9	GA AUDIO R+	9	N.C.
10	PRE RL SP-	22	PRE FL SP-	10	GA AUDIO L+	10	N.C.
11	PRE RL SP+	23	PRE FL SP+	11	GA SYS ON		
12	MAIN GND	24	+B	12	GA BUS+		

5 USB 074-4042-00 MX39004NQ		6 Vehicle signal 3P 074-4017-03 MX34003NF1		7 RADIO-ANT 092-2238-00 CE2S111C02		8 GPS-ANT 092-2242-01 GT5-1PP-HU		9 ANC 074-4031-08 	
NO	CONNECTIONS	NO	CONNECTIONS	NO	CONNECTIONS	NO	CONNECTIONS	NO	CONNECTIONS
1	USB VBUS	1	VSP	1	TUNER +B	1	GPS_RF IN	1	N.C.
2	USB DATA-	2	BACK LT	2	RADIO RF	2	GND	2	N.C.
3	USB DATA+	3	P/BRAKE SW	3	RADIO GND			3	N.C.
4	USB GND							4	ANC-CHK2
5	USB SH							5	N.C.
								6	N.C.
								7	N.C.
								8	AMP MUTE

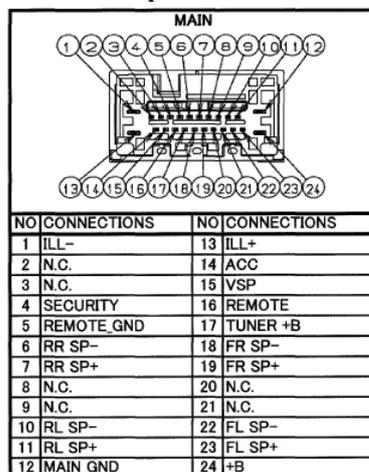


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Amplified SD unit :

Same as Pre-amplified SD unit except Connector 1 :



3- DIAGNOSIS

3-1 : NO OPERATING AT ALL ON/OFF (no sound and no display)

- Check power supply.
Connector 1-Pin 24 : 12V permanent.
Connector 1-Pin 12 : Main GND.
Connector 1-Pin 14 : 12V when key is ON.
- Disconnect the unit, wait 10 minutes, reconnect and check power supply again.

3-2 : NO SOUND (display OK)

- In all mode

for amplified units only :

- Check the speakers lines. The resistor should be around 4 Ohms.
Front Left speaker: measure resistor between Connector 1-pin 22 and 23.
Front right speaker: measure resistor between Connector 1-pin 18 and 19.
Rear Left speaker: measure resistor between Connector 1-pin 10 and 11.
Rear Right speaker: measure resistor between Connector 1 -pin 6 and 7.
- Disconnect the unit, wait 10 minutes, reconnect and check again.



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For the pre-amplified units :

- a) Check the connection between the pre outputs of the connector 1 (pins 6&7, 10&11, 18&19, 22&23) and the power amplifier.
- b) Check the supply of the power amplifier.
- c) Check the remote output of the Connector 1-Pin 16 = +12V when the unit powered on.
- d) Disconnect the unit, wait 10 minutes, reconnect and check again.

- In CD mode :

- Check with an other CD audio disc : be careful with original discs protected against copy (some additional softwares could be not recognised by the player).

- In radio mode :

- a) Search for an other station : check antenna if no radiostations are found.
- b) The unit is defective if the frequency doesn't move correctly.
- c) Check if there is no shortcircuit on the connector 1-pin 17 = 5V when the radio is ON (power supply of the antenna from radio).
- d) If the sound sometimes cuts : try to deactivate AF switching and TA.

3-3 : NO DISPLAY (sound OK)

- Disconnect the unit and wait 10 minutes then reconnect the unit.

3-4 : GPS problem :

- Position doesn't move or does jump on map.

- a) Check speed signal :
Make several times quickly jump the wire Connector 1-Pin 15 on the ground to simulate speed pulse signal then check if OK and if position moves.
- b) Check car park signal :
Connector 6-Pin 3 connected to ground = parked
Connector 6-Pin 3 connected to 5V or more = not parked

- Position moves reverse side

- a) Check reverse signal :
Connector 6-Pin 2 connected to ground = regular drive
Connector 6-Pin 2 connected to 5V or more = reverse drive



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- GPS Reception NG

- a) Check GPS antenna : MENU, Information, GPS Position, Navigation system check.
- b) Disconnect the unit, wait several minutes, connect again, drive few minutes (20 min maxi) in area without building or mountain...

3-5 : BLUETOOTH

→ Try this procedure with an other phone OK from the compatibility list.

- No pairing :

- a) Try to delete all paired devices from unit and from phone and pair again.
- b) Try to delete all paired devices from unit and from phone again. Disconnect unit and switch off phone, wait several minutes, connect again, then try to pair again.

- No connection :

- a) Try to connect manually from radio.
- b) Try to connect manually from phone.
- c) Try to delete all paired devices from unit and from phone and pair again.
- d) Try to delete all paired devices from unit and from phone again. Disconnect unit and switch off phone, wait 10 minutes, connect again, then try to pair again.

- No Sound or bad sound:

- a) Try to change setting of radio or of phone : phone incoming volume, phone outgoing volume.
- b) Check microphone, check with the vehicle's engine off.

3-6 : USB Key

→ Please check these points :

- a) Check with an other USB key.
- b) Check and replace the USB cable.
- c) Format the USB key on a other PC.
- d) Use a correct MP3 DATA file.
- e) Use only mp3 files on USB key device.
- f) Do not use an auto-boot USB key device.

If this procedure has not solved the defect please send back unit to supplier.

* ----- End Of File ----- *