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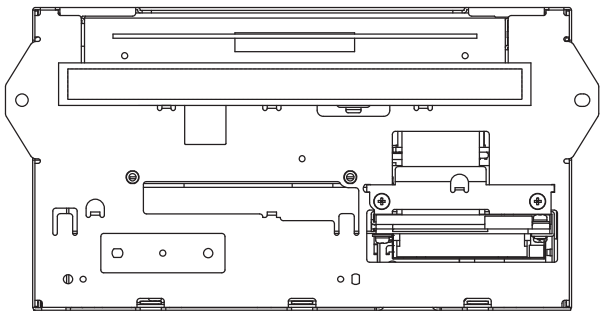
Service Manual

PDF MANUAL



NISSAN Motor Genuine
2DIN HDD Navigation

BOSE Specifications for North America

Model UQY7813
(N# 25915 ZQ39A)
(MODEL No. NAU-3221KUS-V)

Model UQY7814
(N# 25915 ZQ39C)
(MODEL No. NAU-3222KUS-V)

Model UQY7815
(N# 25915 ZQ31A)
(MODEL No. NAU-3223KUS-C)

Model UQY7816
(N# 25915 ZQ32C)
(MODEL No. NAU-3224KUS-C)

Model UQY7823
(N# 25915 ZQ39B)
(MODEL No. NAU-3221KCA-V)

Model UQY7824
(N# 25915 ZQ39D)
(MODEL No. NAU-3222KCA-V)

Model UQY7825
(N# 25915 ZQ31B)
(MODEL No. NAU-3223KCA-C)

Model UQY7826
(N# 25915 ZQ32D)
(MODEL No. NAU-3224KCA-C)

ORIGINAL SERVICE MANUAL

The original model of UQY7813/4/5/6,UQY7823/4/5/6 is UQY6102. This additional service manual is designed to be used together with the service manual of UQY6102.

Original model	Manual No.
UQY6102	298-6837-00

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1.SPECIFICATIONS

The following specifications of UQY7813/4/5/6,UQY7823/4/5/6 are different from the original model.
Other specifications are the same as UQY6102.
Please refer to page 2 of the original manual.

RADIO SECTION

SEPARATION:	FM	more than 30dB (ANT IN 65dBuV, 1KHz/7KHz)
AUTO STOP SENS:	FM	29 +6/-6dBuV

HEAD PHONE SECTION(add)

DISTORTION:	Less than 0.1% (INPUT 1KHz,3V A-BUS INPUT)
S/N RATIO:	More than 80dB (INPUT 1KHz,3V A-BUS INPUT,JIS-A)
SEPARATION:	More than 60dB (INPUT 1KHz,3V A-BUS INPUT)

2.COMPONENT

UQY7813(NAU-3221KUS-V)

1. Main unit ---------- 1

UQY7814(NAU-3222KUS-V)

1. Main unit ---------- 1

UQY7815(NAU-3223KUS-C)

1. Main unit ---------- 1

UQY7816(NAU-3224KUS-C)

1. Main unit ---------- 1

UQY7823(NAU-3221KCA-V)

1. Main unit ---------- 1

UQY7824(NAU-3222KCA-V)

1. Main unit ---------- 1

UQY7825(NAU-3223KCA-C)

1. Main unit ---------- 1

UQY7826(NAU-3224KCA-C)

1. Main unit ---------- 1

3.NOTES

The notes are the same as UQY6102's manual.
Please refer to page 2 of the original manual.

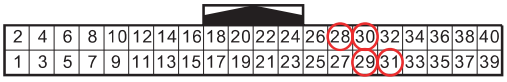
4.To engineers in charge of repair or inspection of our products.

The attention points are the same as UQY6102's manual.
Please refer to page 3 of the original manual.

5.CONNECTORS

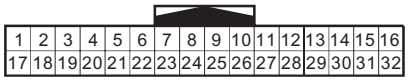
The folloing connectors are different from the original model.
Other connectors are the same as UQY6102.
Please refer to page 4 of the original manual.

1 TH40HW (Vehicle signal terminals)



No.	Description
28	M-CAN_H_TRM
29	M-CAN_L_TRM
30	M-CAN_H
31	M-CAN_L

5 TH32HW (AUX/BUS Interface)



No.	Description	No.	Description
1	N-BUS_LH+	17	N-BUS_LH-
2	N-BUS_RH+	18	N-BUS_RH-
3	DATA_GND	19	N-BUS_SHIELD
4	REQ1(to_HU)	20	AUDIO_CONT
5	TX(FROM_HU)	21	RX(to_HU)
6	REQ2(to_HU)	22	NDS_CONT
7	AUDIO_BUS_LH+	23	AUDIO_BUS_LH-
8	AUDIO_BUS_RH+	24	AUDIO_BUS_RH-
9	AUDIO-BUS_SHIELD	25	HP_SHIELD
10	HP_LH-	26	HP_LH+
11	HP_RH-	27	HP_RH+
12	NC	28	HP_SHIELD
13	CD_EJECT	29	(MD_EHECT)
14	AUX_SHIELD	30	SW_GND
15	AUX_AUDIO_LH+	31	AUX_AUDIO_RH+
16	AUX_GND	32	NC

6.ASSEMBLY & PARTS LIST

The parts written in No.8 are different from the original model.
Other parts are the same as UQY6102.
Please refer to page 5~13 of the original manual.

7.BLOCK DIAGARAM

The block diagram of UQY7813/4/5/6,UQY7823/4/5/6 NAVI section is the same as UQY6102.
Please refer to page 14 of the original manual.
About the block diagram of UQY7813/4/5/6,UQY7823/4/5/6 AUDIO section,Please refer to last page of this manual.

8.Differance parts list

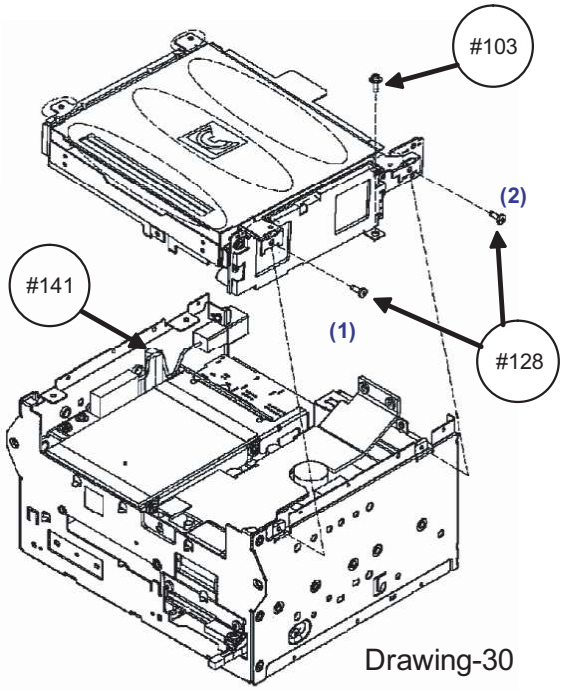
Please confirm it about the additional part (#141) in the following ASSEMBLY DRAWING and ASSEMBLY PROCEDUER.

* The following parts apply to all models except the #130

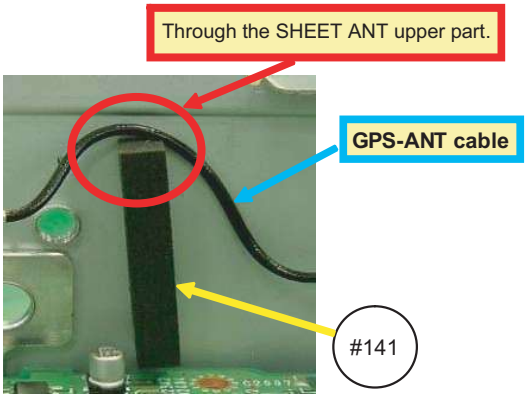
PAGE	NO.	PART NO.	DESCRIPTION	QT'Y
5	#104	UCZ0851	HDD for UQY7816 / UQY7826	1
6	#112	.8829036C	AUDIO PWB AS	1
	#114	.9900403A	NAU-US-V2 PWB	1
10	#141	MUZ1971	ANT sheet (add)	1
	#127	MQZ0321	HDD2 sheet	1
11	#130	.8829012A	XM-PWB-Assy for UQY7823/4/5/6	1
	#131	----------	NU	-
	#135	MQZ0103	TUN sheet	1

*NU : No Unit

ASSEMBLY DRAWING



Drawing-30



Drawing-24

ASSEMBLY PROCEDUER

PROCEDURE	NOTICE
3.Stick the(#141)ANT sheet on the processed AUDIO PWB ASSY (Drawing-30) and lay out GPS-ANT cable.	※Through the SHEET ANT upper part. (Drawing-24)