BE0CY-01

TROUBLESHOOTING

NOTICE:

When replacing the internal mechanism (computer part) of the audio system, be careful that no part of your body or clothing comes in contact with the terminals of the leads from the IC, etc. of the replacement part (spare part).

HINT:

This inspection procedure is a simple troubleshooting which should be carried out on the vehicle during system operation and was prepared on the assumption of system component troubles (except for the wires and connectors, etc.).

Always inspect the trouble taking the following items into consideration.

- Open or short circuit of the wire harness
- Connector or terminal connection fault

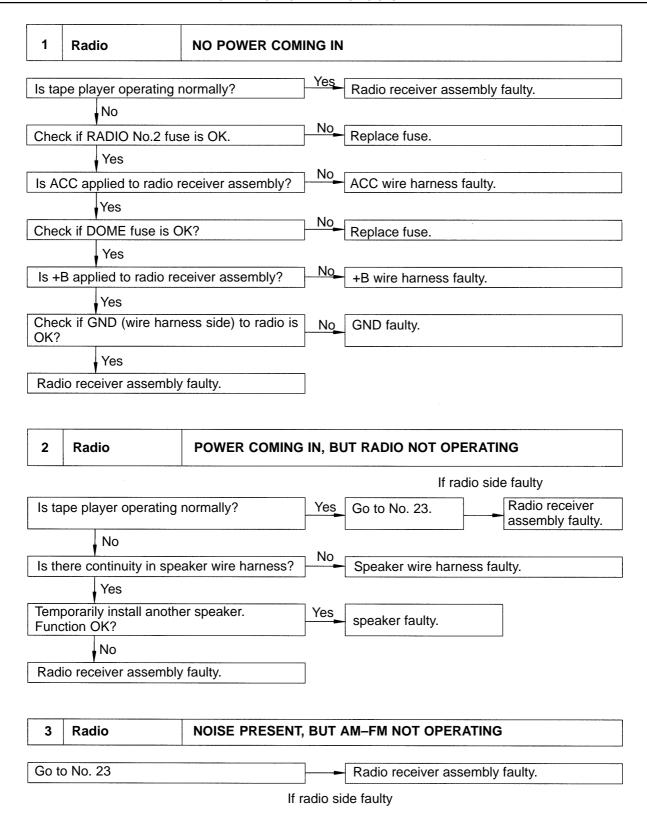
	Problem	No.
Radio	No power coming in.	1
	Power coming in, but radio not operating.	2
	Noise present, but AM – FM not operating.	3
	Either speaker does not work.	4
	Either AM or FM does not work.	5
	Reception poor (Volume faint).	5
	Few preset tuning bands.	5
	Sound quality poor.	6
	Cannot set station select button.	7
	Preset memory disappears.	7
Tape Player	Cassette tape cannot be inserted.	8
	Cassette tape inserts, but no power.	9
	Power coming in, but tape player not operating.	10
	Either speaker does not work.	11
	Sound quality poor (Volume faint).	12
	Tape jammed, malfunction with tape speed or auto-reverse.	13
	Cassette tape will not eject.	14
CD Player	CD cannot be inserted.	15
	CD inserts, but no power.	16
	Power coming in, but CD player not operating.	17
	Sound jumps.	18
	Sound quality poor (Volume faint).	19
	Either speaker does not work.	20
	CD will not eject.	21
Amplifier	No power coming in.	22
	Either speaker does not work.	23
Noise	Noise produced by vibration or shock while driving.	24
	Noise produced when engine starts.	25
	Noise occurs	26

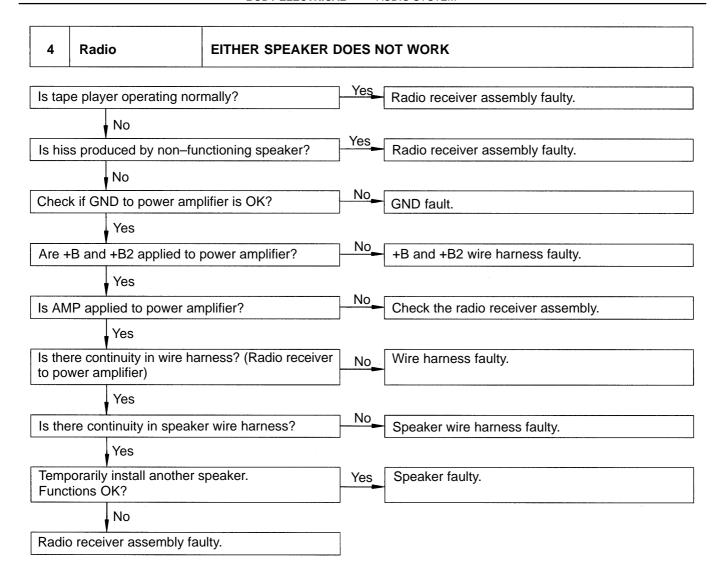
Author:

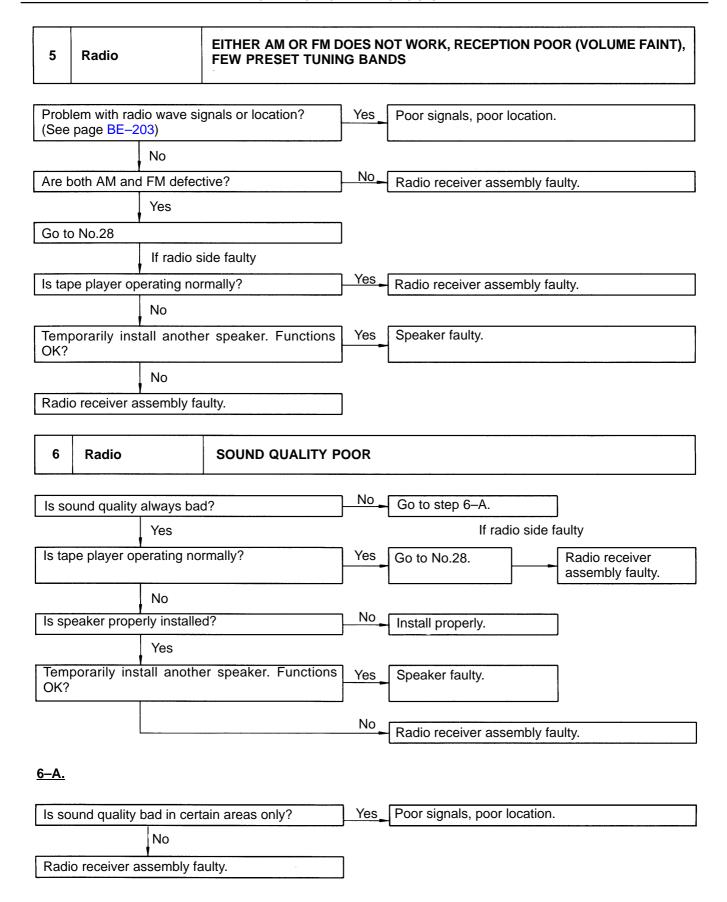
Date:

2070

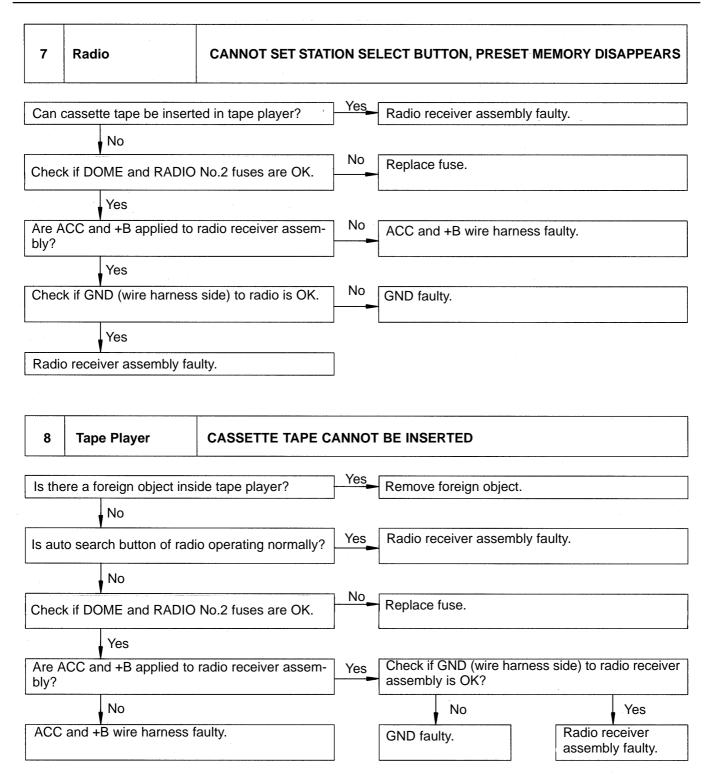
2000 LEXUS LS400 (RM717U)

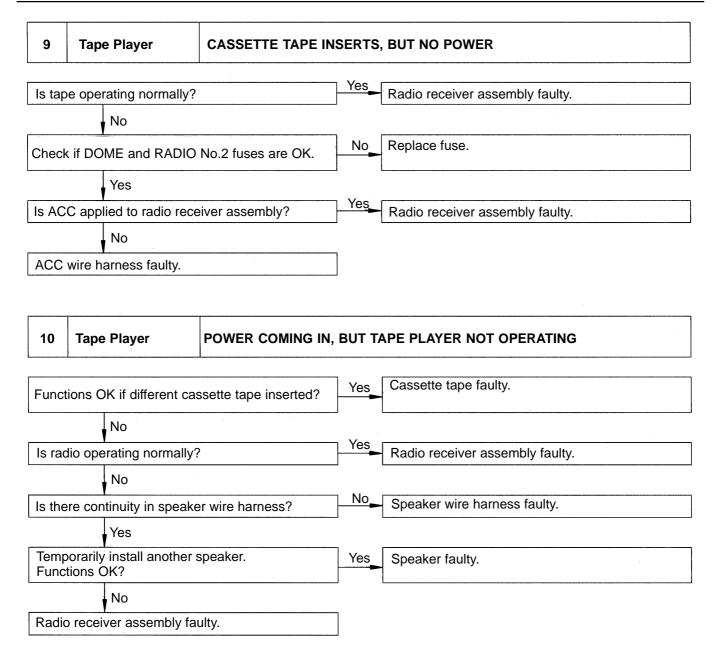


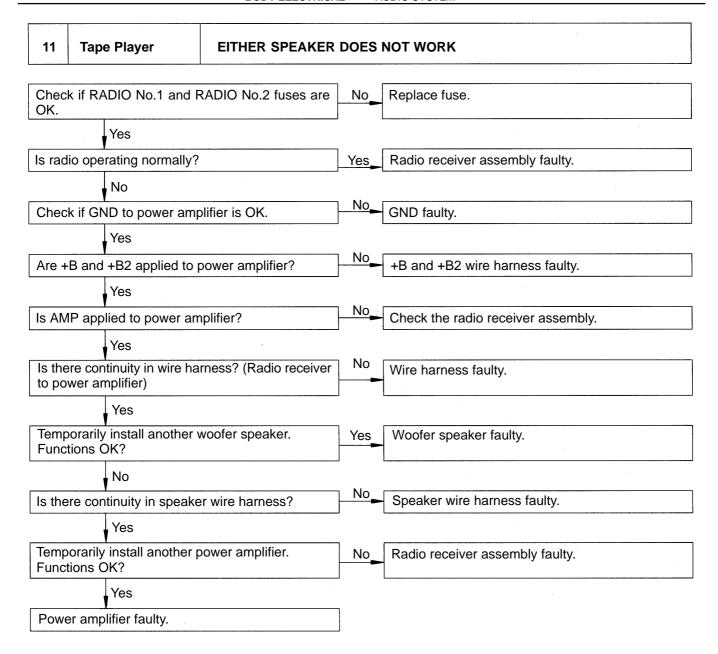


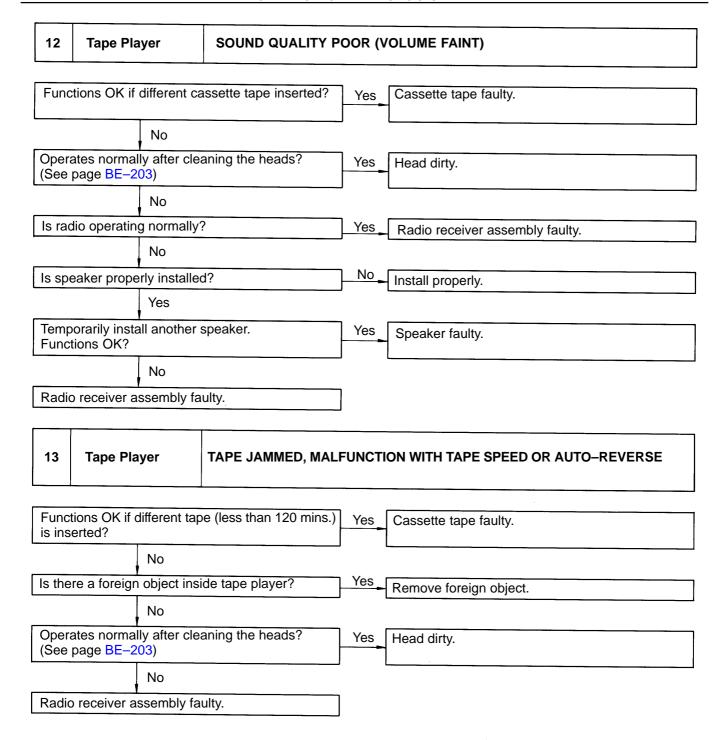


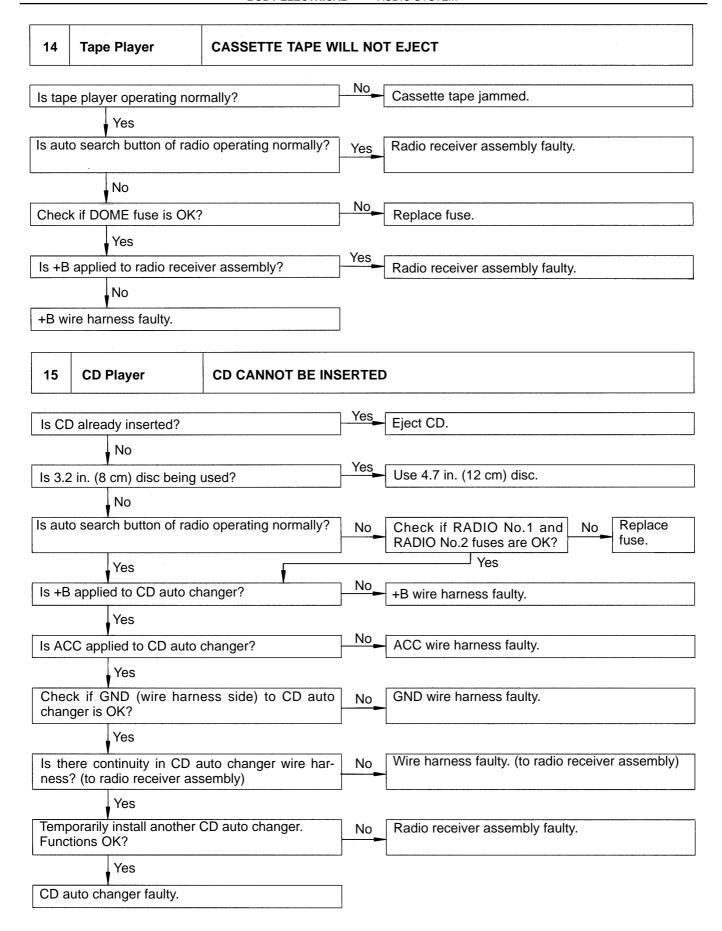
2073

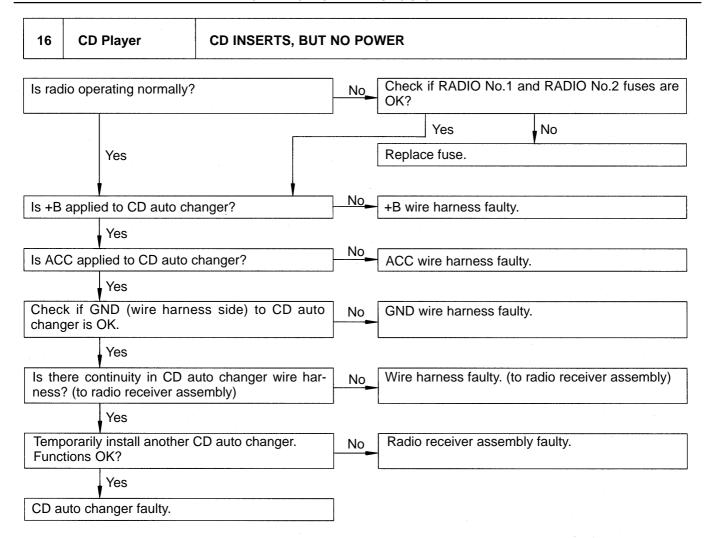


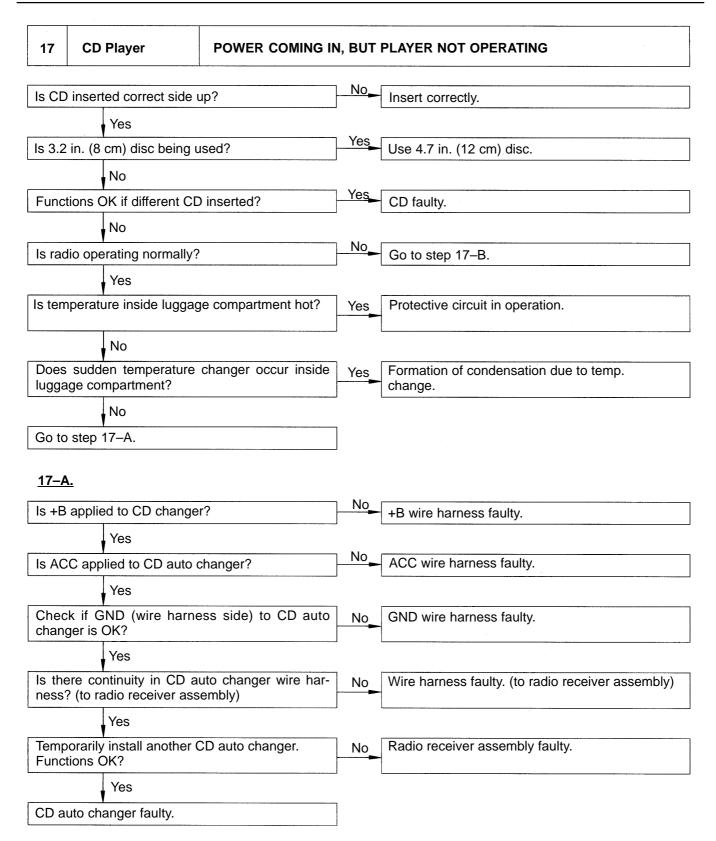








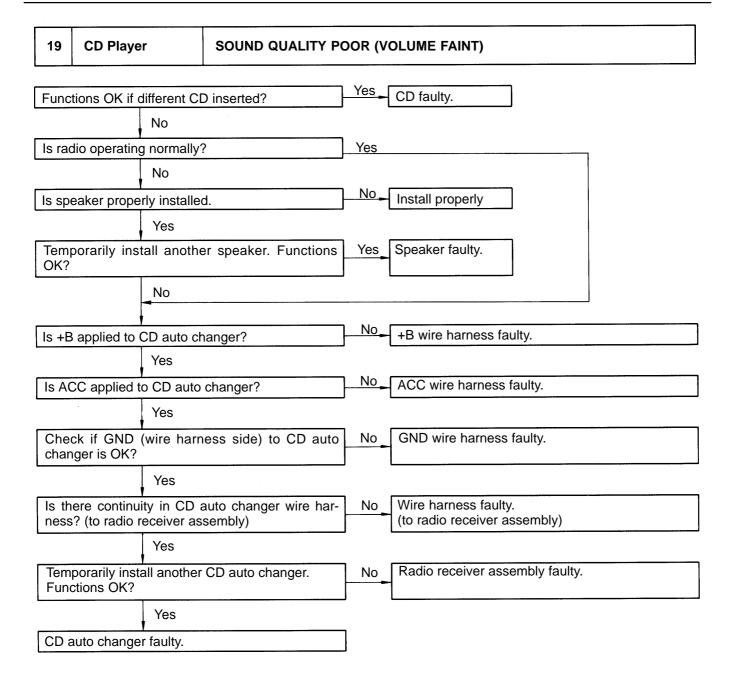


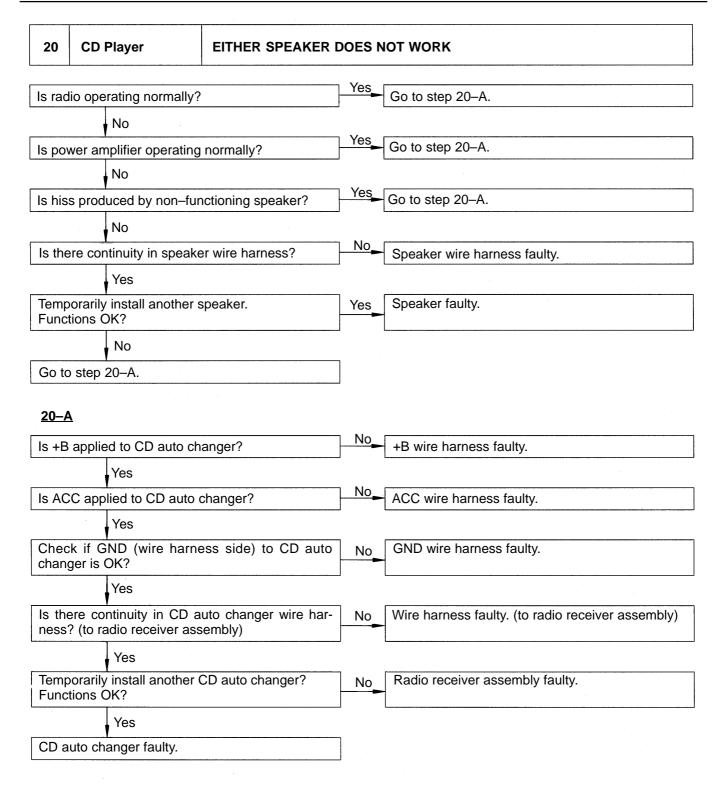


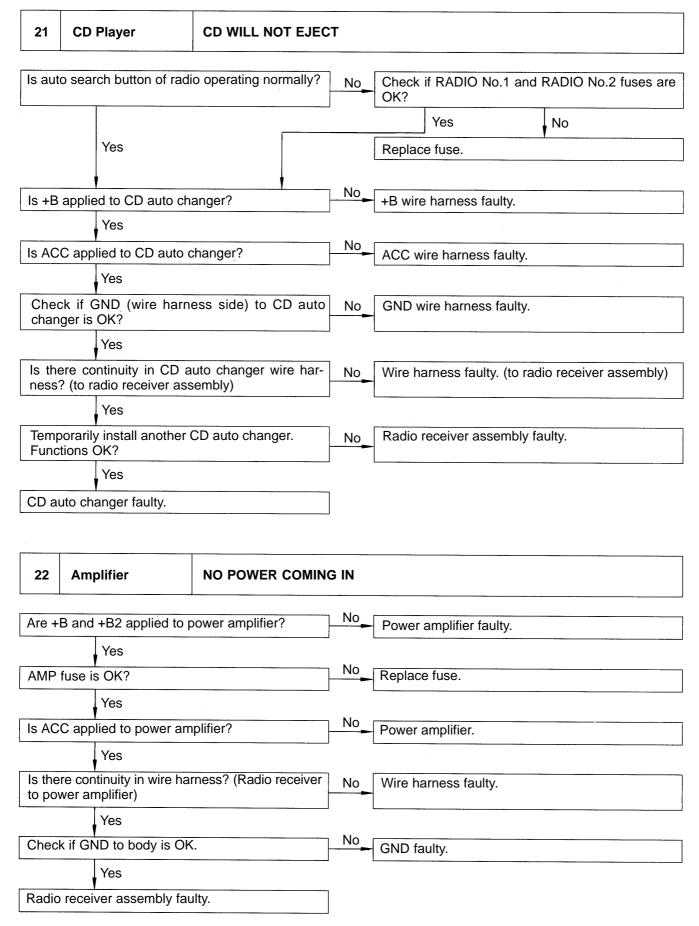
2080

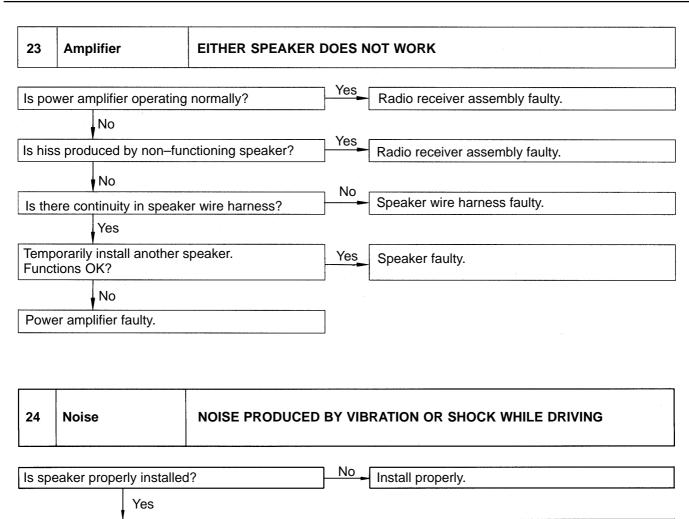
17-B. Is there continuity in speaker wire harness? Speaker wire harness faulty. Yes Temporarily install another speaker. Yes speaker faulty. Functions OK? Yes Go to step 17-A. 18 **CD Player SOUND JUMPS** Does sound jump only during strong vibration? Yes Jumping caused by vibration. , No No Is CD auto changer properly installed? Install properly. , Yes Functions OK if different CD inserted? CD faulty. Does sudden temperature changer occur in lug-Formation of condensation due to temp. Yes gage compartment? change. No No +B wire harness faulty. Is +B applied to CD auto changer? Yes No. Is ACC applied to CD auto changer? ACC wire harness faulty. Yes Check if GND (wire harness side) to CD auto GND wire harness faulty. No changer is OK? Yes Is there continuity in CD auto changer wire har-Wire harness faulty. (to radio receiver assembly) No ness? (to radio receiver assembly) Yes Temporarily install another CD auto changer. Radio receiver assembly faulty. No Functions OK? Yes CD auto changer faulty.

V06282









Yes

V06286

Is each system correctly installed?

Is noise produced?

Yes

No

With vehicle stopped, lightly tap each system.

Noise produced by static electricity accumulating in the vehicle body.

Install properly.

Each system faulty.

25	Noise	NOISE PRODUCED	CED WHEN ENGINE STARTS	
Whistling noise which becomes high– pitched when accelerator strongly depressed, disappears shortly after engine stops.			Yes	Alternator noise.
Whini	No ng noise occurs when	A/C is operation.	Yes	A/C noise.
tion, d	No ching noise occurs dur riving on rough roads ced on.		Yes	Fuel gauge noise.
then	No ng sound heard when h released. Whirring/g ed continuously.		Yes	Horn noise.
Murm	No nuring sound, stops wh	en engine stops.	Yes	Ignition noise.
	No tock noise, occurs in co flasher.	o-ordination with blink-	Yes	Turn signal noise.
	No occurs during window	washer operation.	Yes	Washer noise.
	No			
Scratching noise occurs while engine is running and continues a while even after engine stops.		Yes	Engine coolant temp. gauge noise.	
Scrar	No Ding noise in time wipe	r beat.	Yes	Wiper noise.
20,4	No		J	
Othe	Other type of noise.			

