

TROUBLESHOOTING

NOTICE:

When replacing the internal mechanism (computer part) of the audio system, be careful that no part of your body or clothes 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 is based on the assumption that the cause of trouble lies with the system components (except for the wires and connectors, etc.).

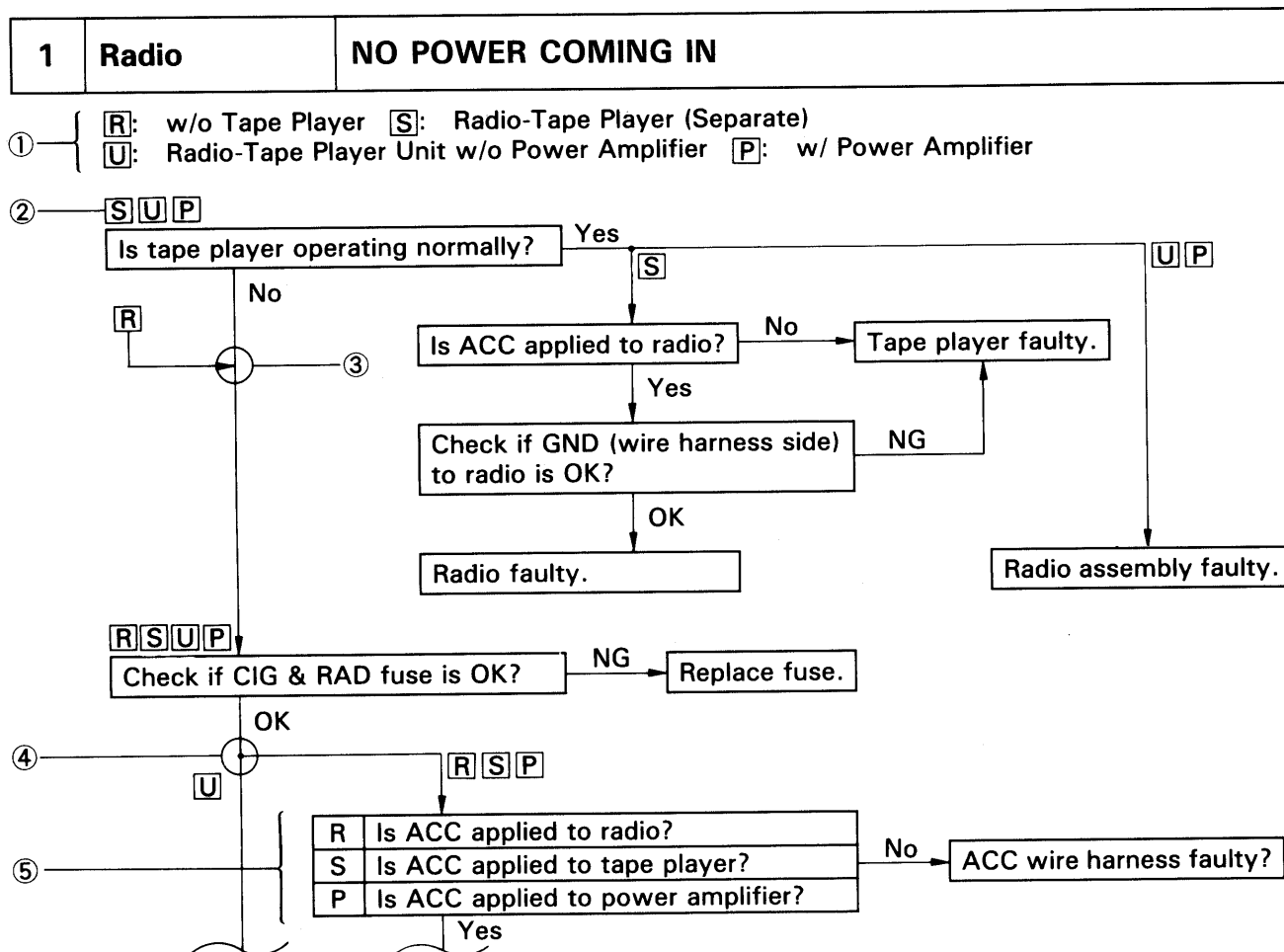
Always inspect the trouble taking the following items into consideration.

- 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 operation.	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 turning 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
	APS, SKIP, RPT buttons not operating.	14
	Cassette tape will not eject.	15
	CD cannot be inserted.	16
	CD inserts, but no power.	17
CD Player	Power coming in, but CD player not operating.	18
	Sound jumps.	19
	Sound quality poor (Volume faint).	20
	Either speaker does not work.	21
	CD will not eject.	22
	Antenna does not fully extend of fully retract	23
Antenna	Antenna – related.	24
Noise	Noise produced by vibration or shock while driving.	25
	Noise produced when engine starts.	26

The term "AM" includes LW, MW and SW, and the term "FW" includes UKW.

HOW TO USE DIAGNOSTIC CHART



① Audio system type and symbol used.

HINT: Confirm the applicable type of audio system.

② Symbol for type of audio system the question applies to.

HINT: If the audio system type is not applicable, proceed to next question below.

③ Junction without black circle.

HINT: Proceed to next question below.

④ Junction with black circle.

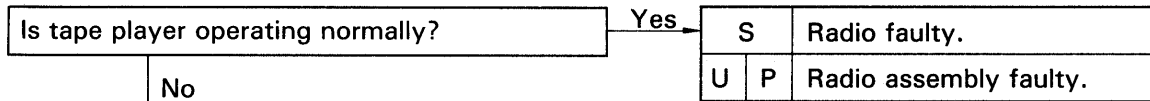
HINT: Proceed to question for applicable audio system type.

⑤ HINT: Select question for applicable audio system type.

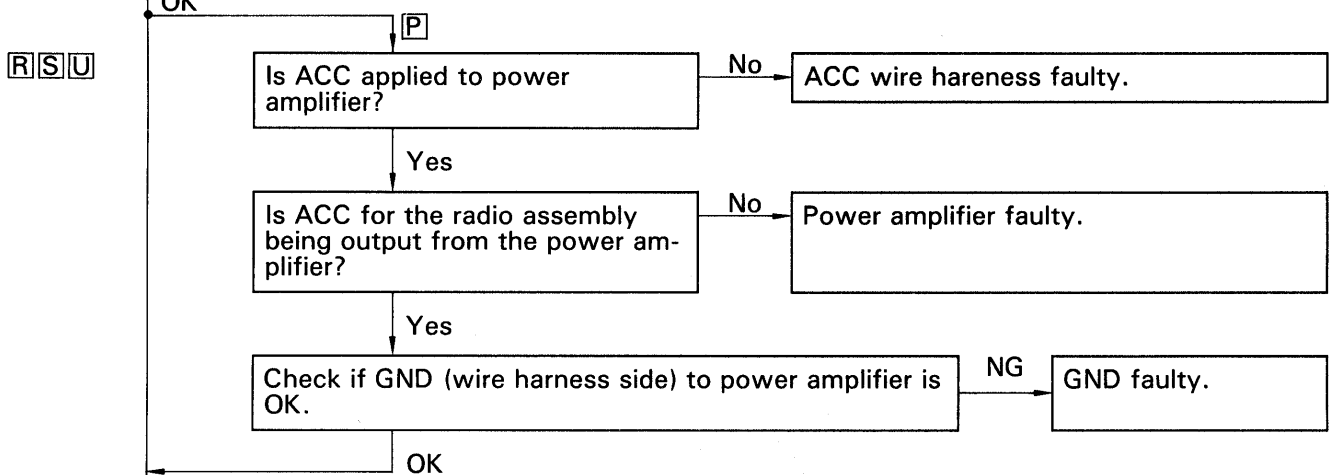
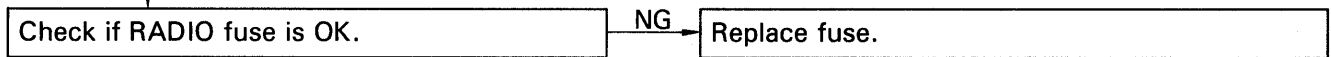
1	Radio	NO POWER COMING IN
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[R]: Radio [S]: Radio + Tape Player [U]: Radio—Tape Player (Built-in Power Amplifier)
[P]: Radio—Tape—CD Player (Separate Power Amplifier)

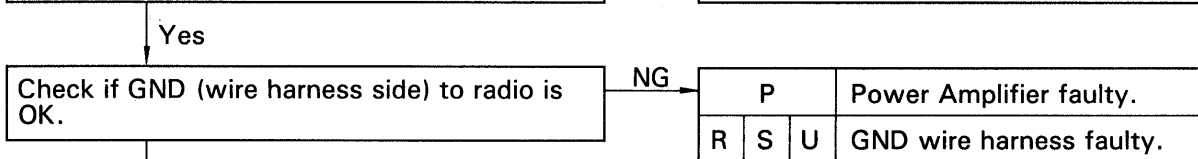
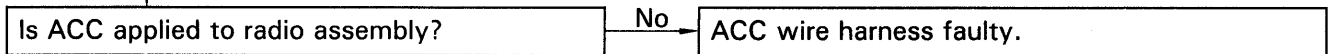
[S][U][P]



[R]



[R][S][U][P]

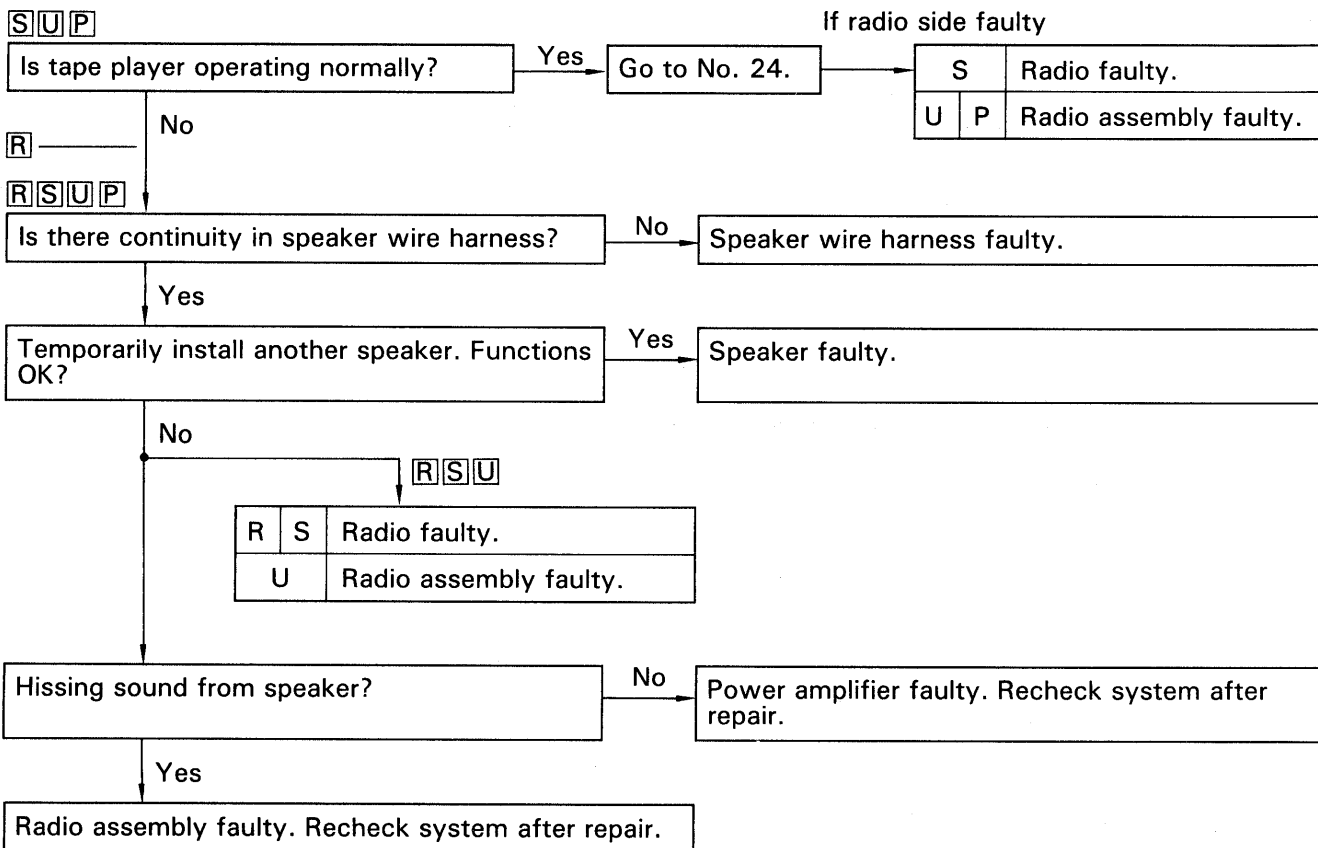


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R	S	Radio faulty.
U	P	Radio assembly faulty.

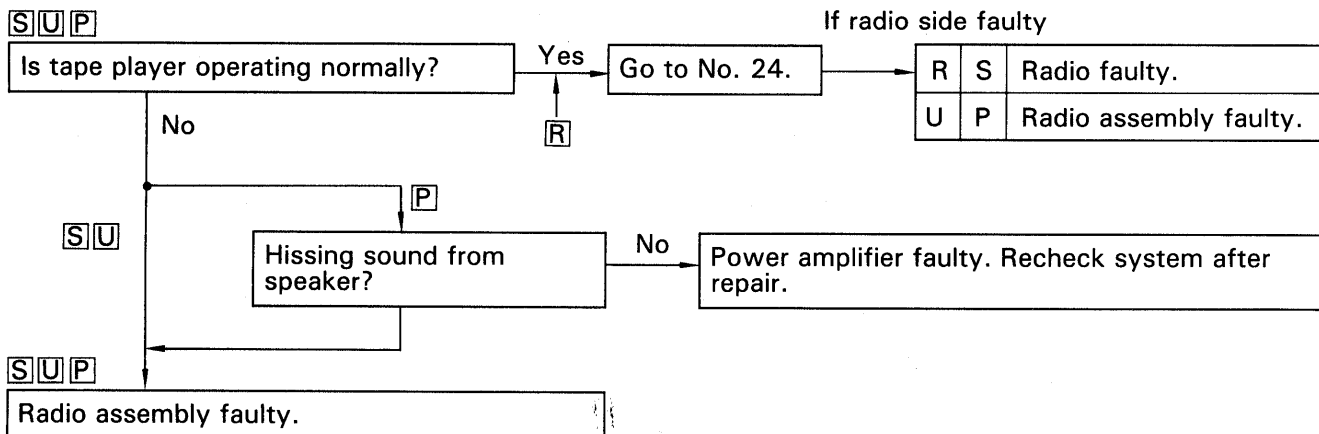
2	Radio	POWER COMING IN, BUT RADIO NOT OPERATING
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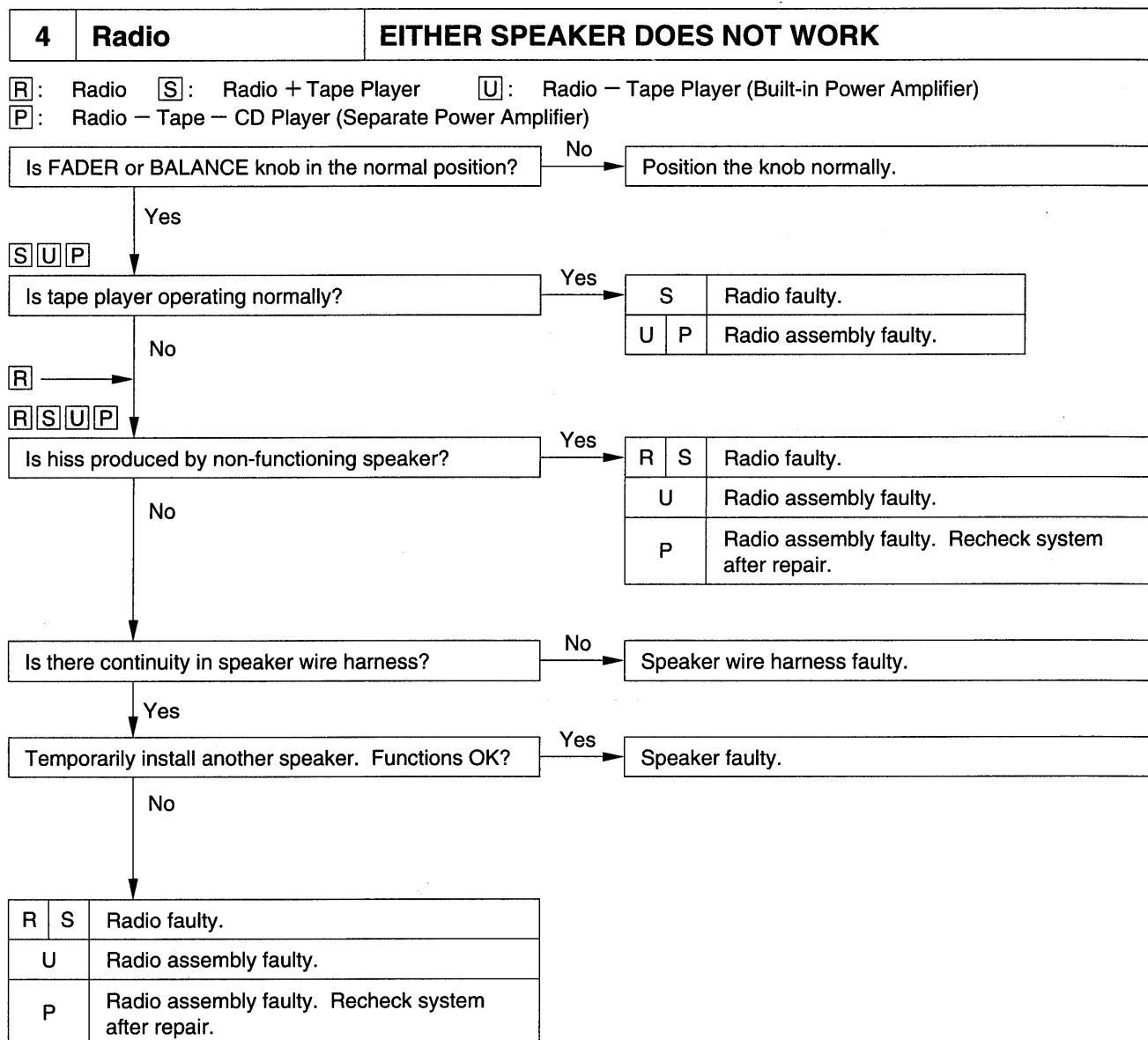
[R]: Radio **[S]**: Radio + Tape Player **[U]**: Radio—Tape Player (Built-in Power Amplifier)
[P]: Radio—Tape—CD Player (Separate Power Amplifier)



3	Radio	NOISE PRESENT, BUT AM-FM NOT OPERATING
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[R]: Radio **[S]**: Radio + Tape Player **[U]**: Radio—Tape Player (Built-in Power Amplifier)
[P]: Radio—Type—CD Player (Separate Power Amplifier)

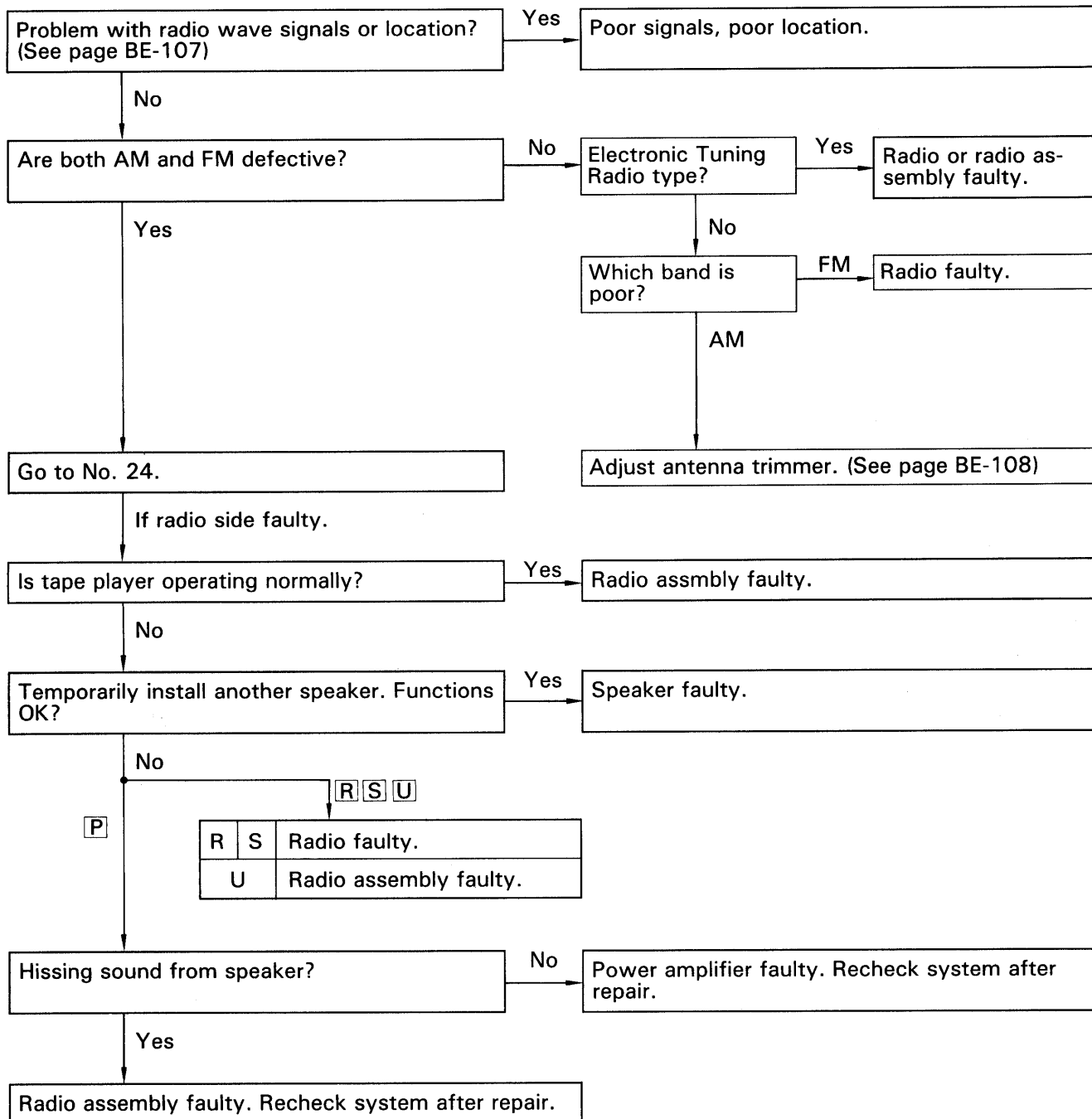



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5	Radio	EITHER AM OR FM DOES NOT WORK, RECEPTION POOR (VOLUME FAINT), FEW PRESET TUNING BANDS
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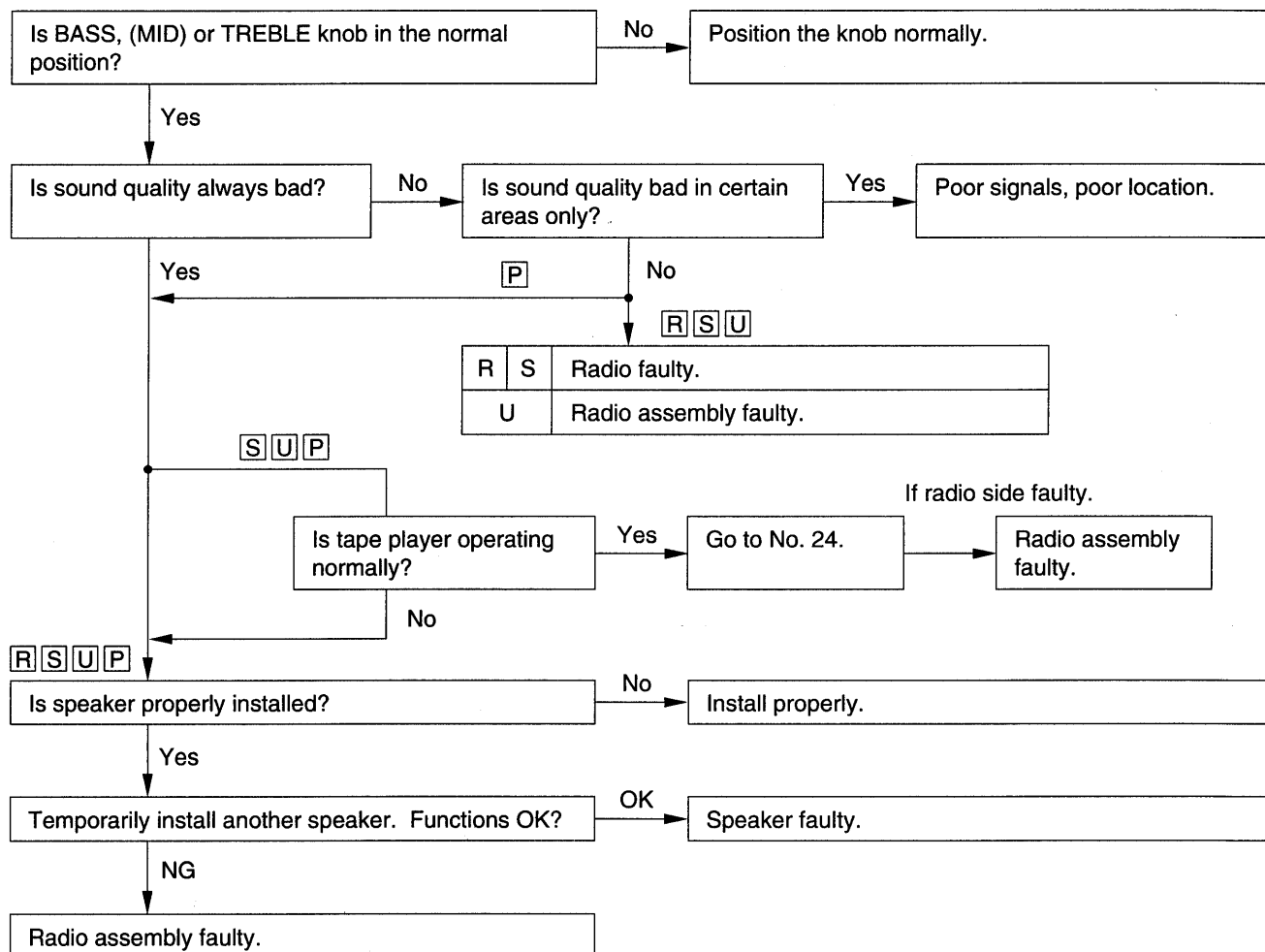
[R]: Radio **[S]**: Radio + Tape Player **[U]**: Radio—Tape Player (Built-in Power Amplifier)

[P]: Radio—Tape—CD Player (Separate Power Amplifier)



6 Radio**SOUND QUALITY POOR**

[R]: Radio **[S]**: Radio + Tape Player **[U]**: Radio - Tape Player (Built-in Power Amplifier)
[P]: Radio - Tape - CD Player (Separate Power Amplifier)



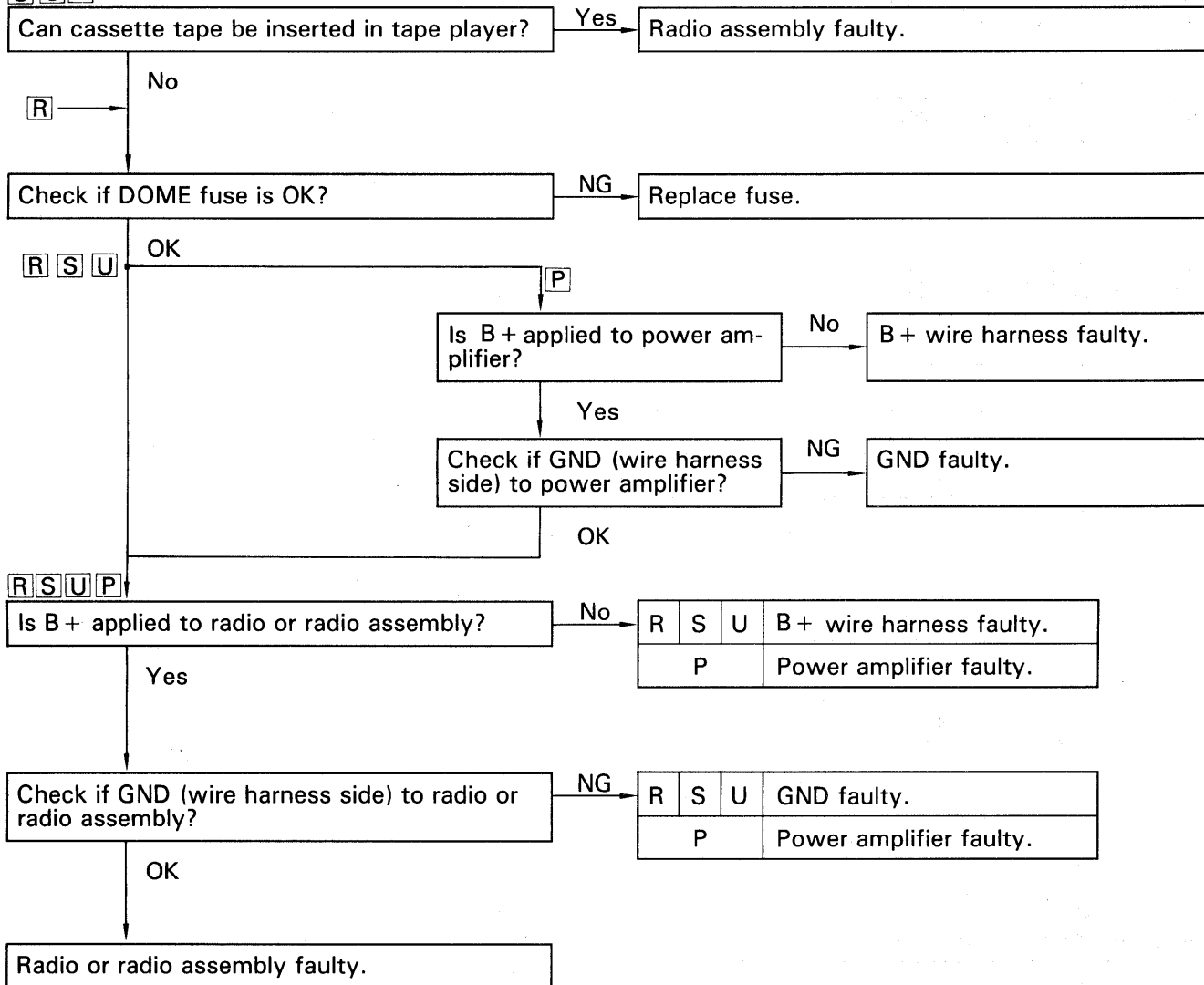
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7	Radio	CANNOT SET STATION SELECT BUTTON, PRESET MEMORY DISAPPEARS
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R: Radio **S**: Radio + Tape Player **U**: Radio—Tape Player (Built-in Power Amplifier)

P: Radio—Tape—CD Player (Separate Power Amplifier)

S U P

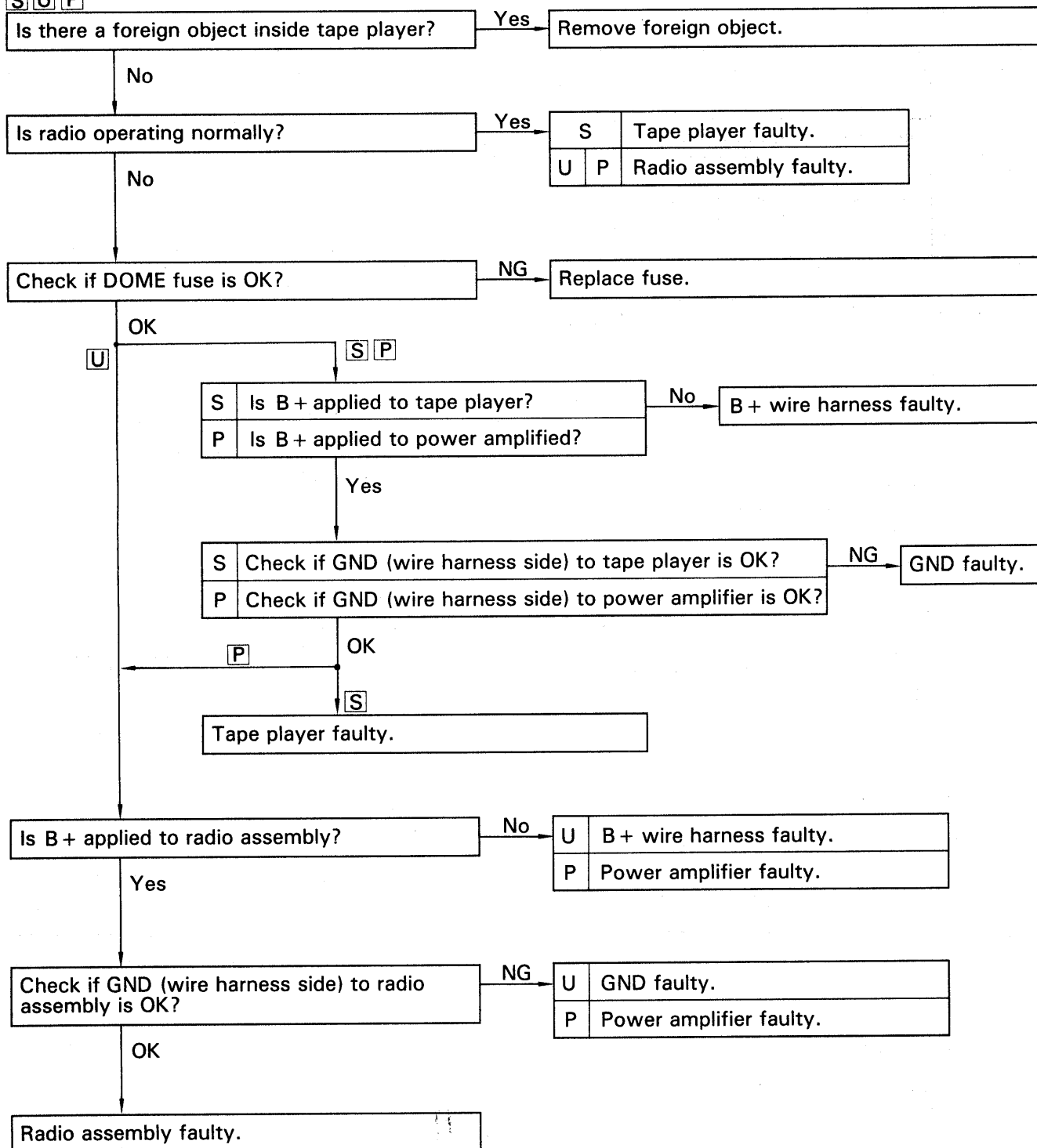


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8	Tape Player	CASSETTE TAPE CANNOT BE INSERTED
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S: Radio + Tape Player **U**: Radio—Tape Player (Built-in Power Amplifier)
P: Radio—Tape—CD Player (Separate Power Amplifier)

S U P

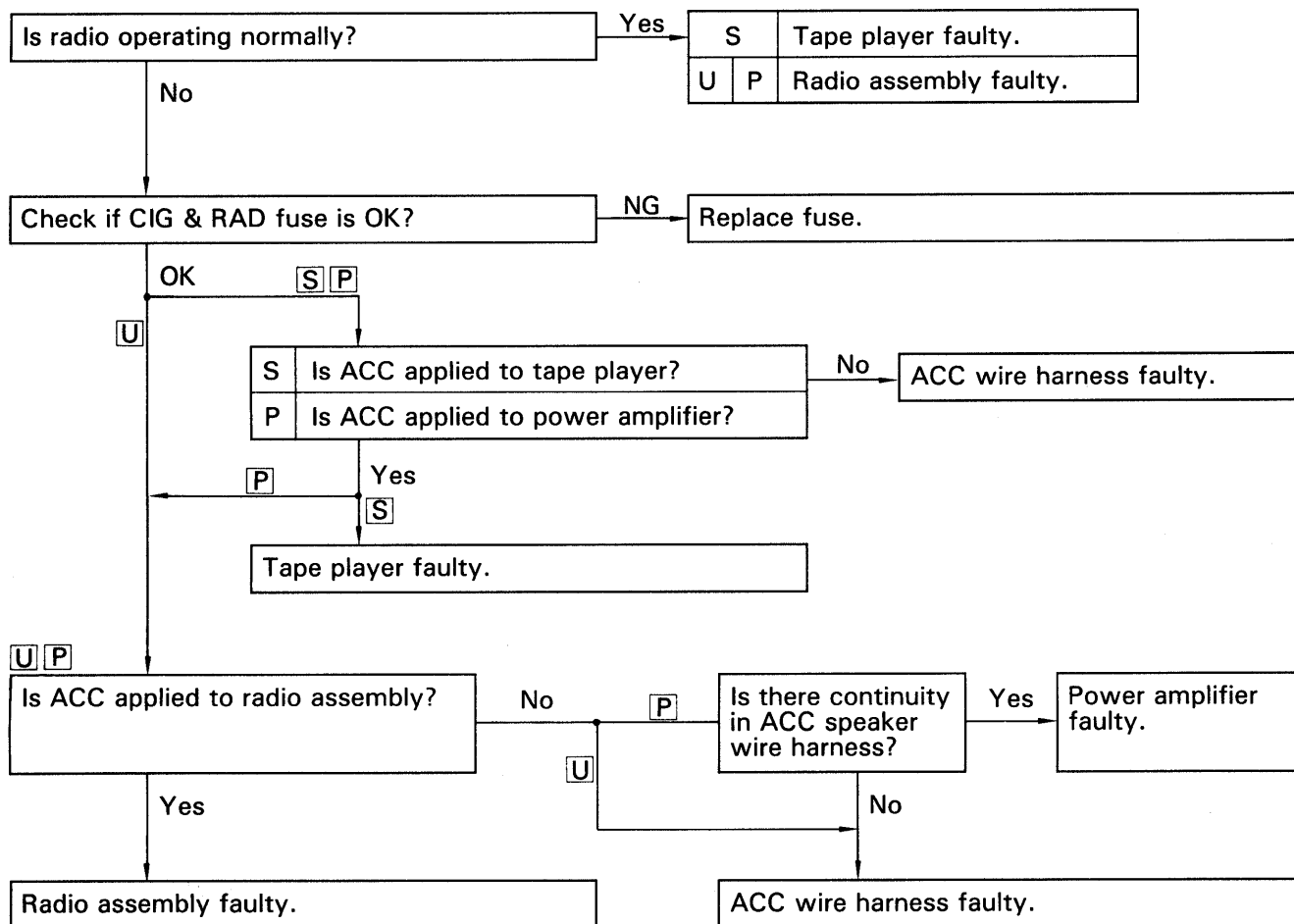


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9	Tape Player	CASSETTE TAPE INSERTS, BUT NO POWER
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[S]: Radio + Tape Player **[U]**: Radio—Tape Player (Built-in Power Amplifier)

[P]: Radio—Tape—CD Player (Separate Power Amplifier)

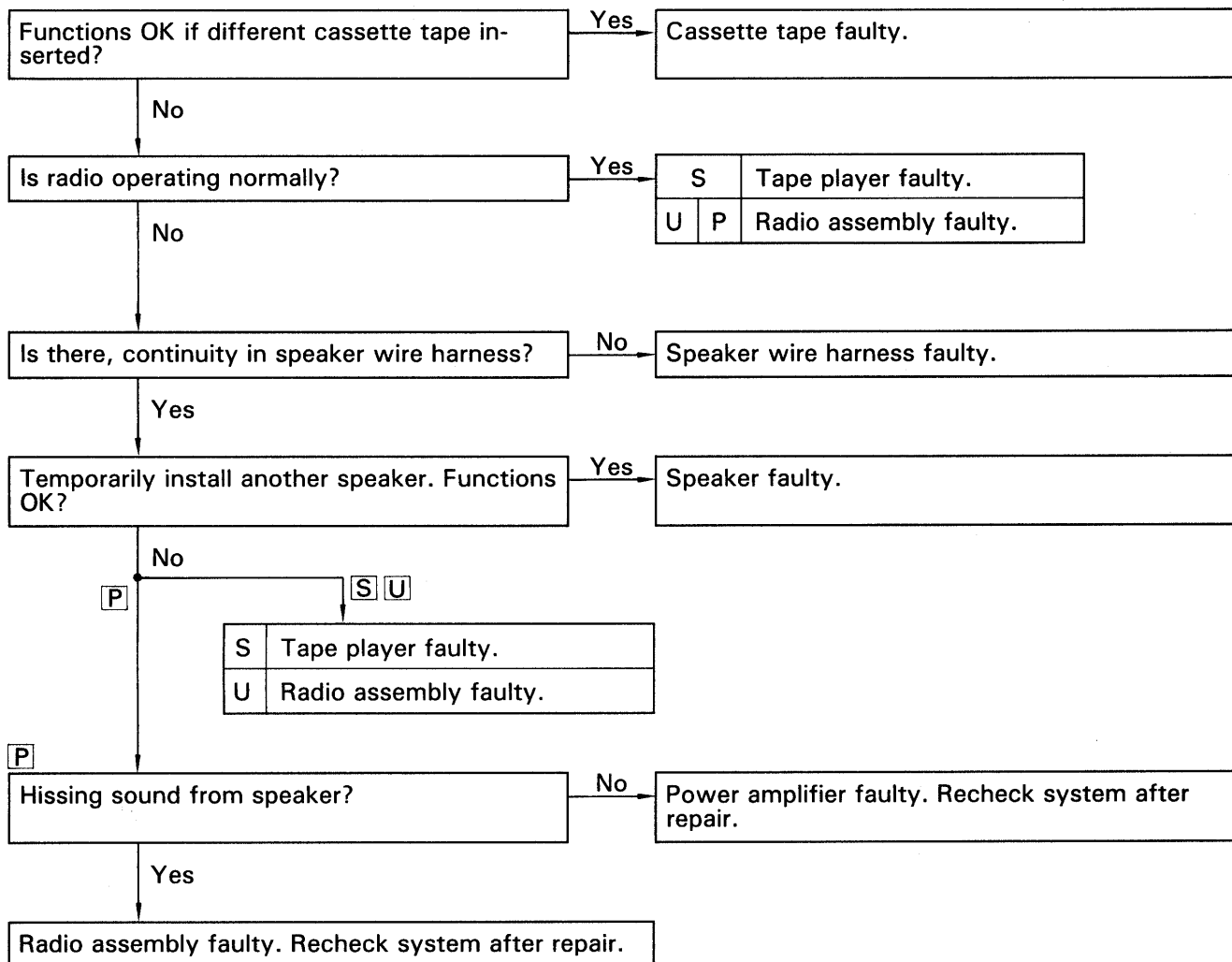


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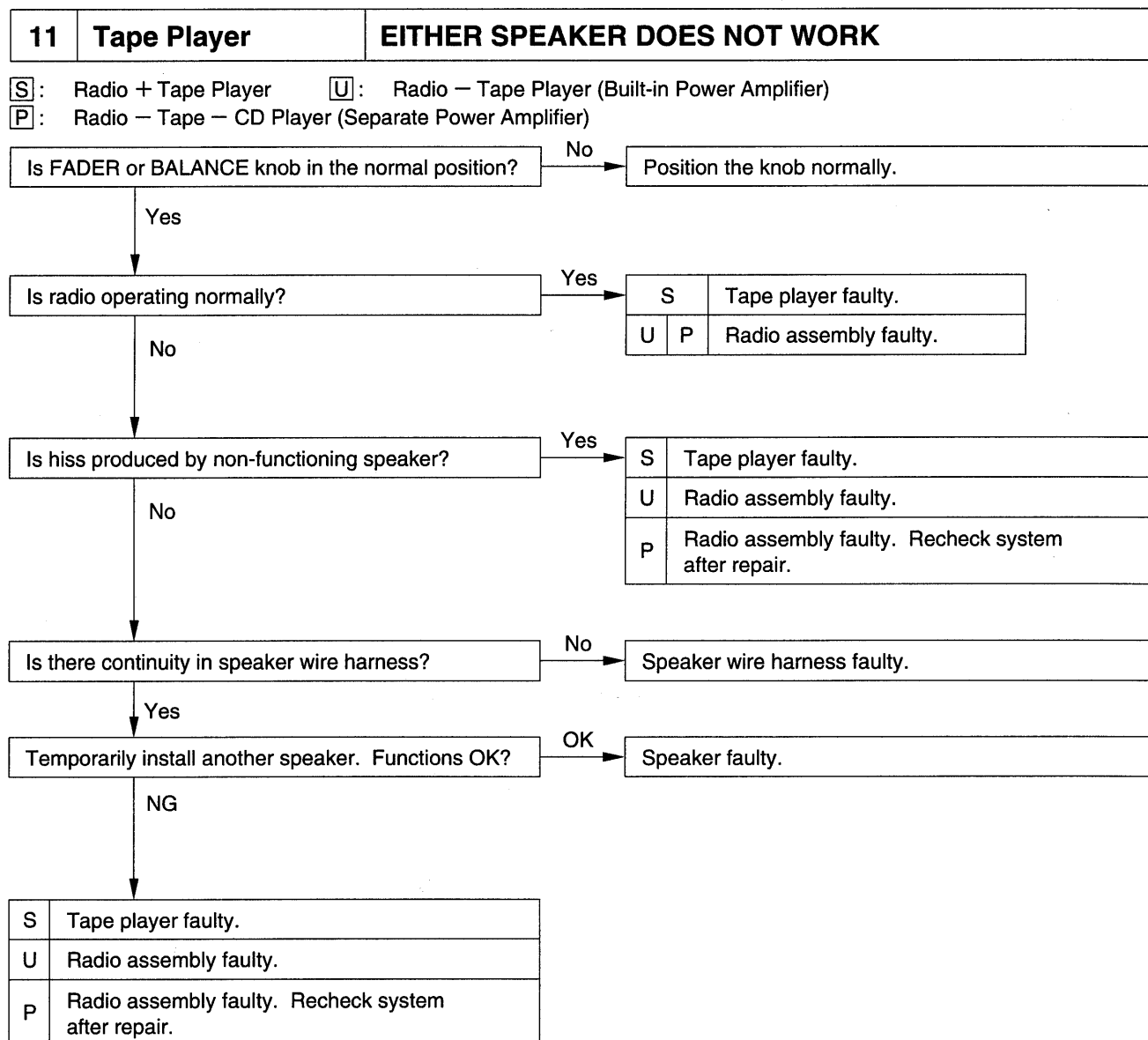
10	Tape Player	POWER COMING IN, BUT TAPE PLAYER NOT OPERATING
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[S]: Radio + Tape Player **[U]**: Radio—Tape Player (Built-in Power Amplifier)

[P]: Radio—Tape—CD Player (Separate Power Amplifier)



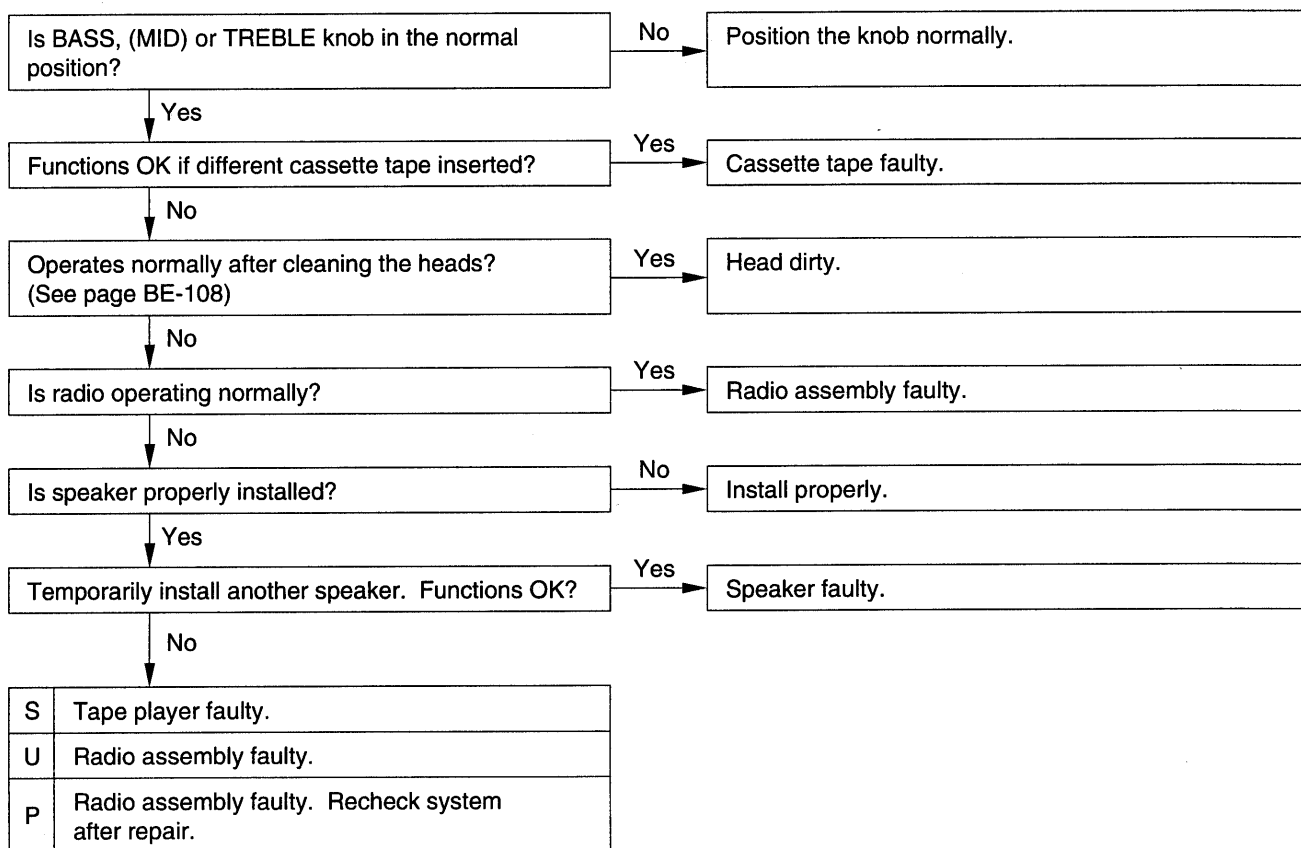
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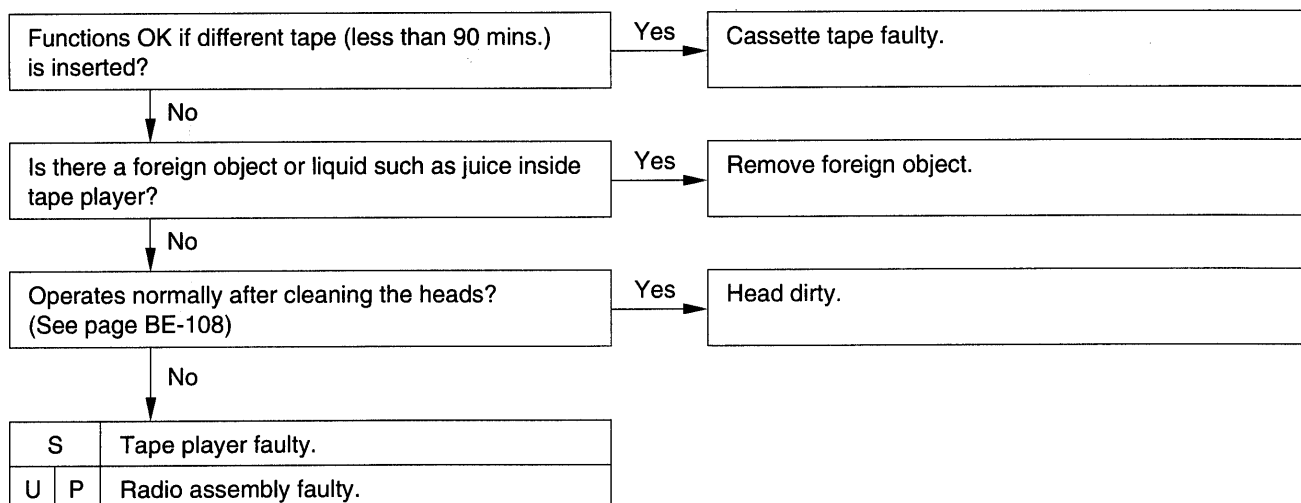
12	Tape Player	SOUND QUALITY POOR (VOLUME FAINT)
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[S]: Radio + Tape Player **[U]**: Radio – Tape Player (Built-in Power Amplifier)
[P]: Radio – Tape – CD Player (Separate Power Amplifier)



13	Tape Player	TAPE JAMMED, MALFUNCTION WITH TAPE SPEED OR AUTO-REVERSE
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[S]: Radio + Tape Player **[U]**: Radio – Tape Player (Built-in Power Amplifier)
[P]: Radio – Tape – CD Player (Separate Power Amplifier)

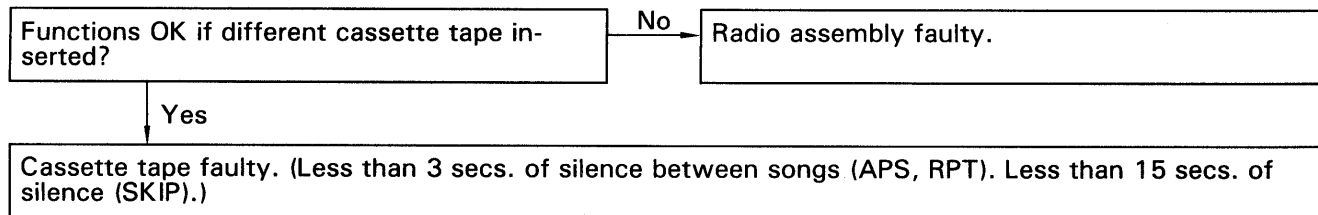


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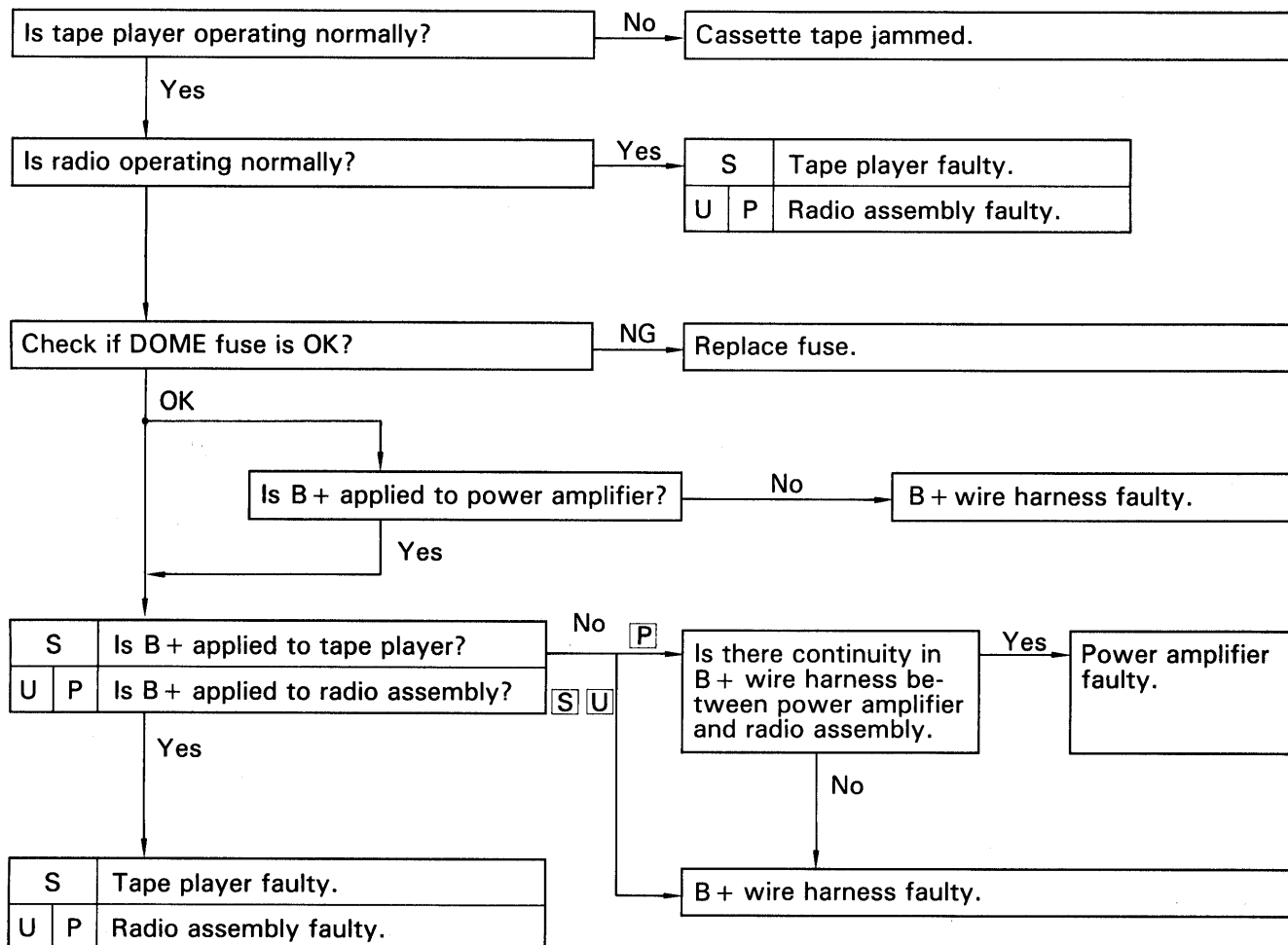
14	Tape Player	APS, SKIP, RPT BUTTONS NOT OPERATING
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[S]: Radio + Tape Player **[U]**: Radio—Tape Player (Built-in Power Amplifier)
[P]: Radio—Tape—CD Player (Separate Power Amplifier)

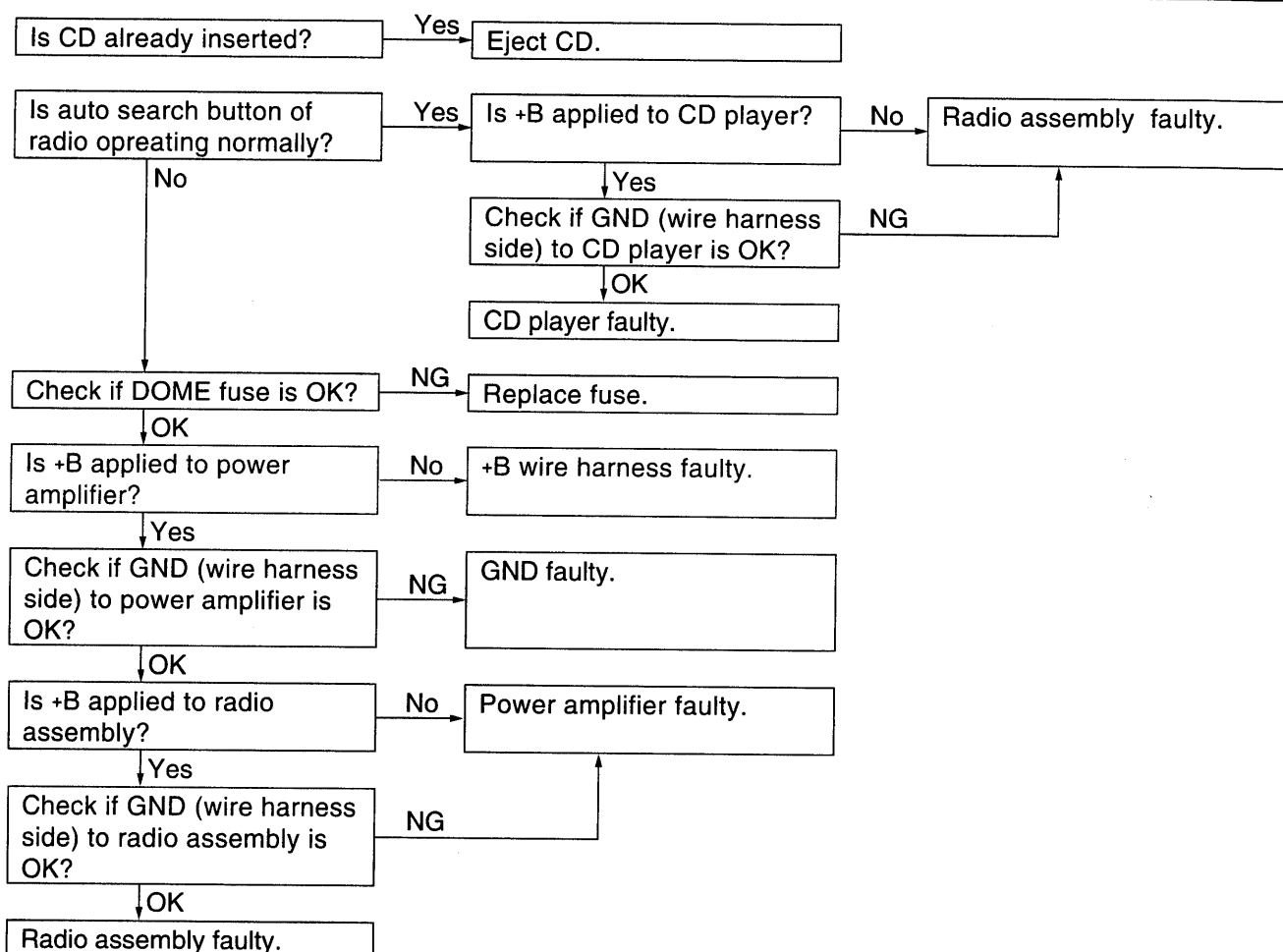


15	Tape Player	CASSETTE TAPE WILL NOT EJECT
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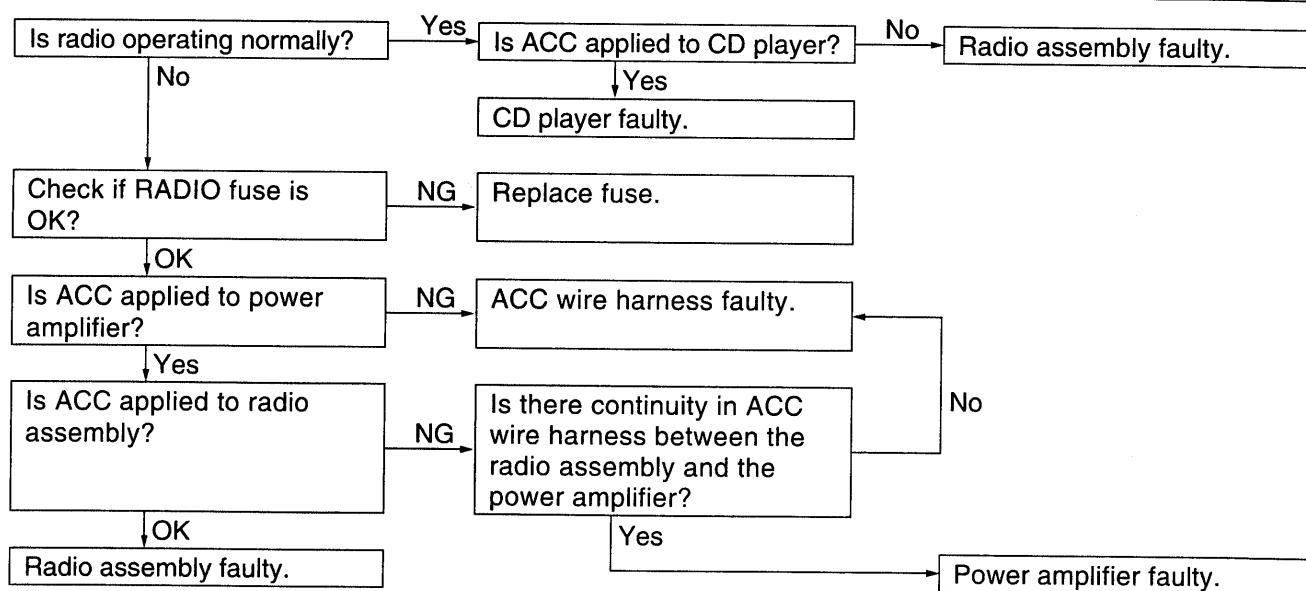
[S]: Radio + Tape Player **[U]**: Radio—Tape Player (Built-in Power Amplifier)
[P]: Radio—Tape—CD Player (Separate Power Amplifier)



16 CD Player CD CANNOT BE INSERTED

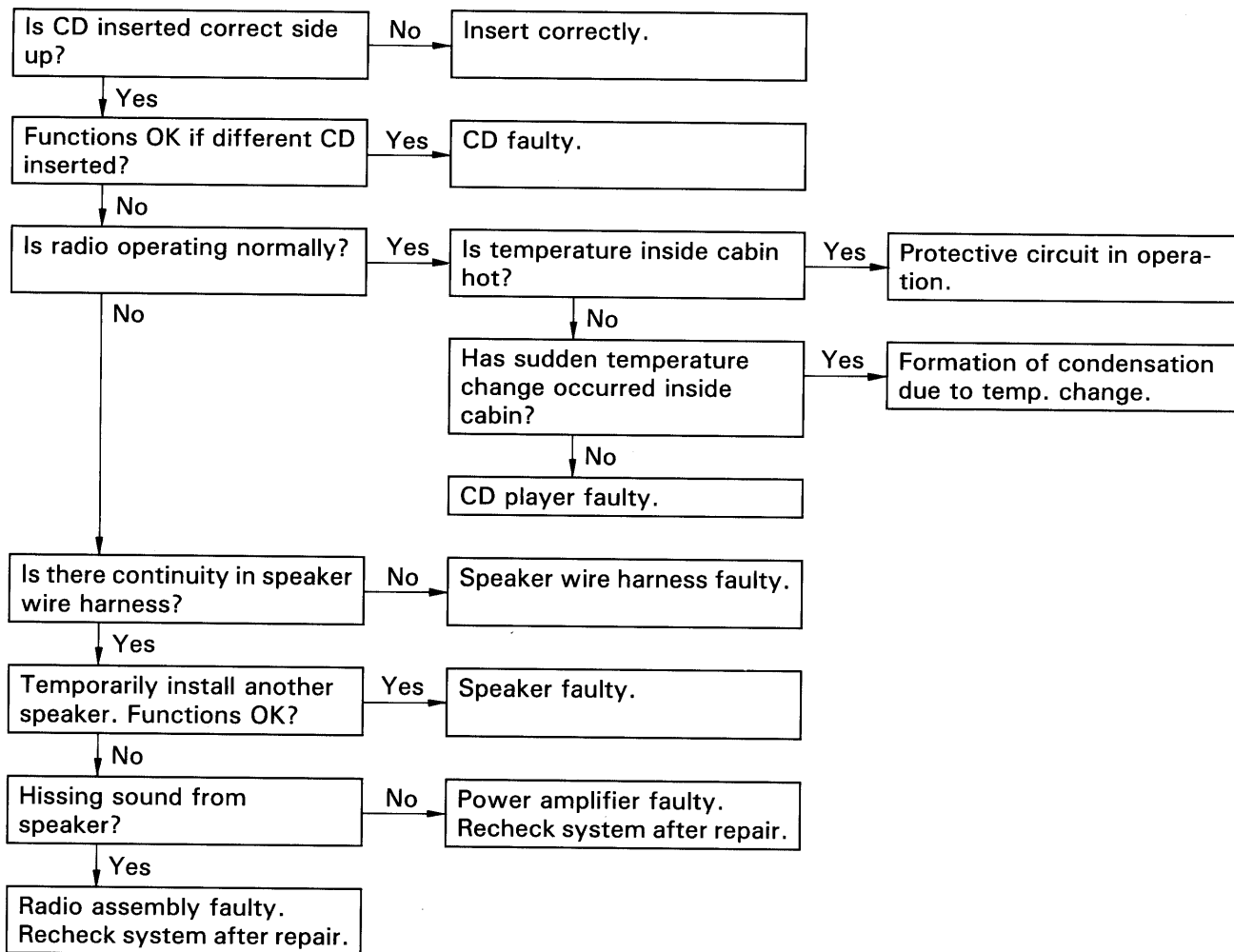


17 CD Player CD INSERTED,BUT NO POWER

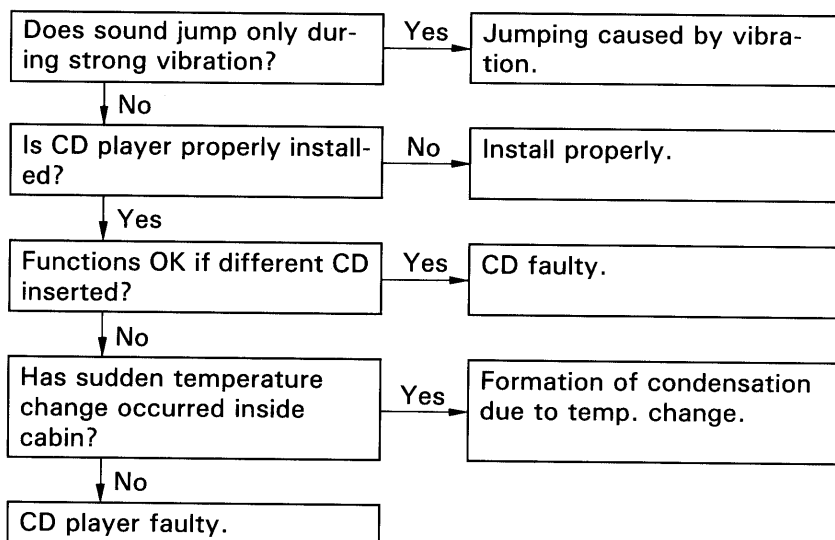


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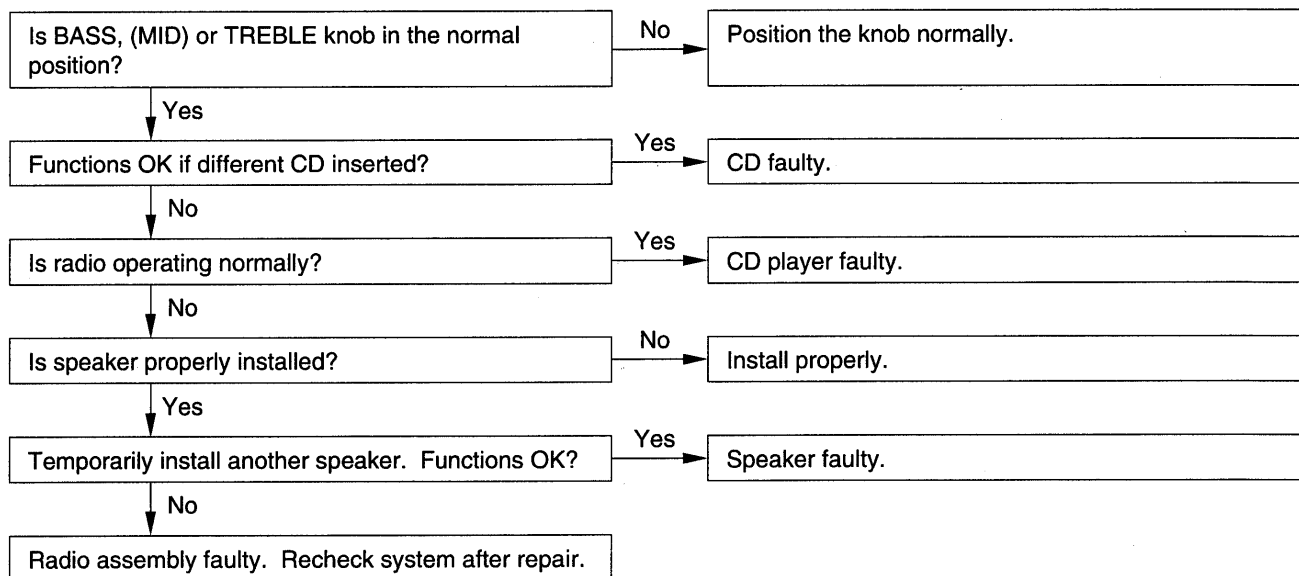
18	CD Player	POWER COMING IN, BUT CD PLAYER NOT OPERATING
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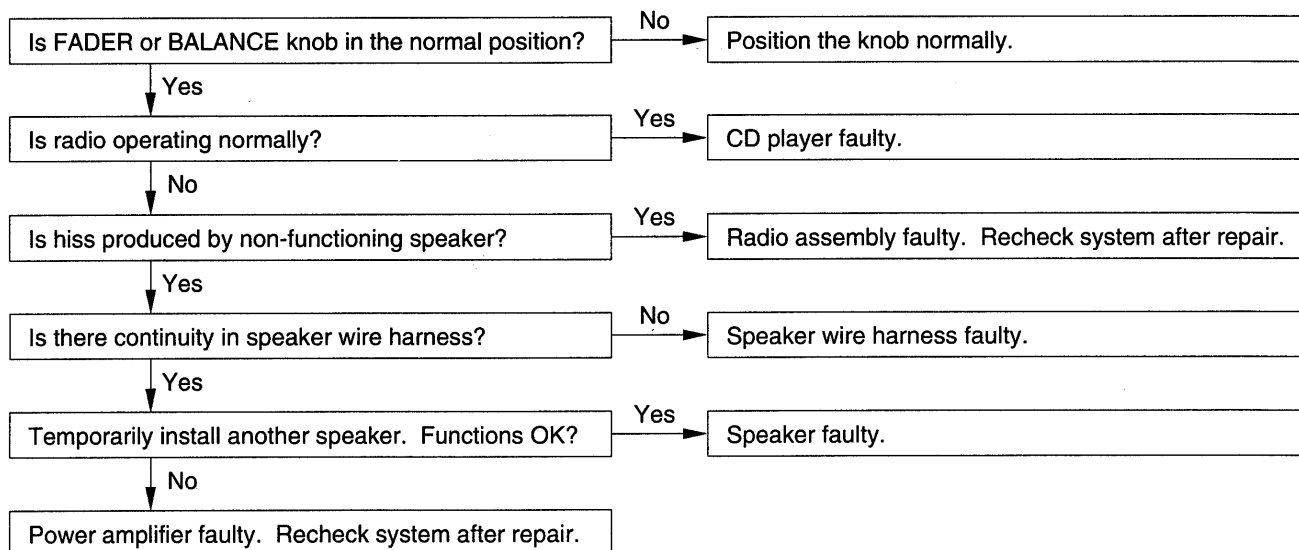
19	CD Player	SOUND JUMPS
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20	CD Player	SOUND QUALITY POOR (VOLUME FAINT)
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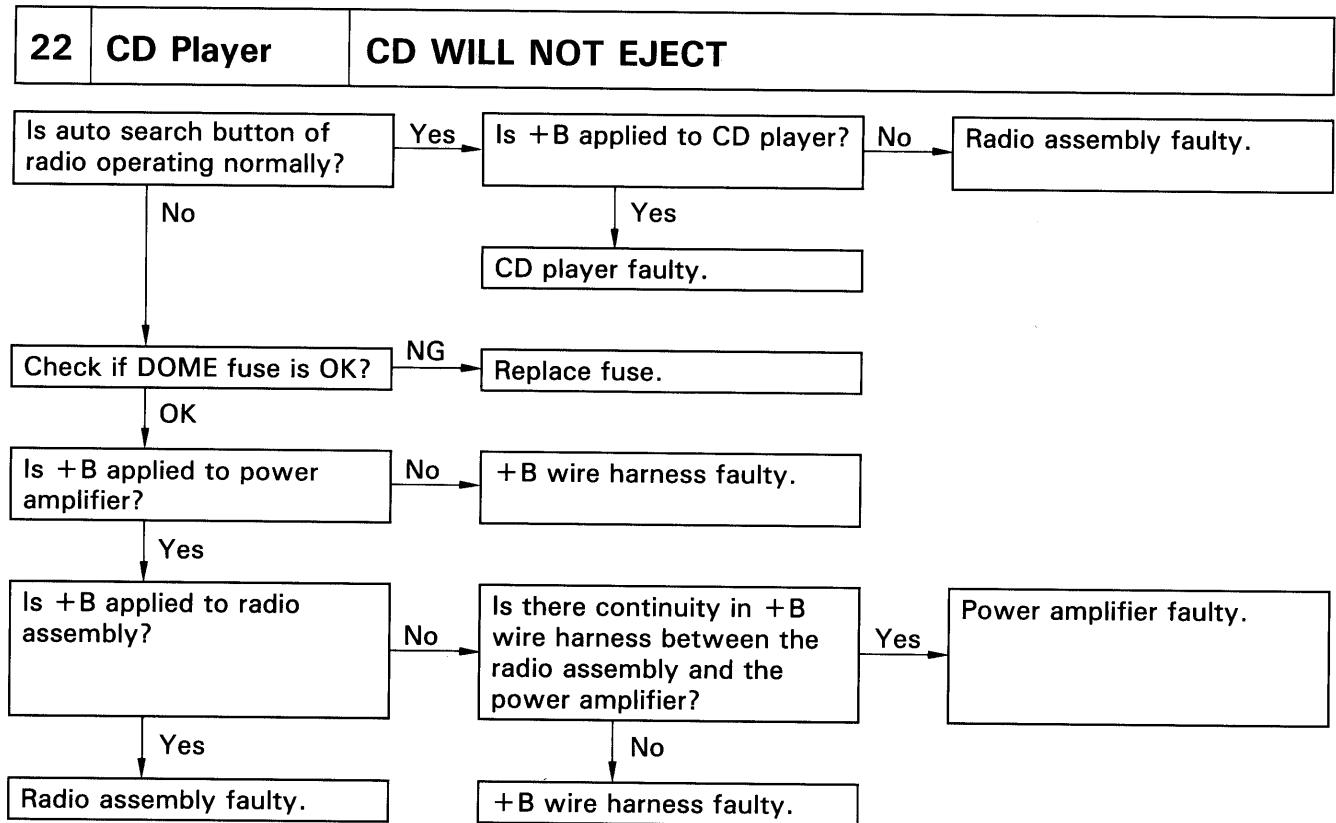


21	CD Player	EITHER SPEAKER DOES NOT WORK
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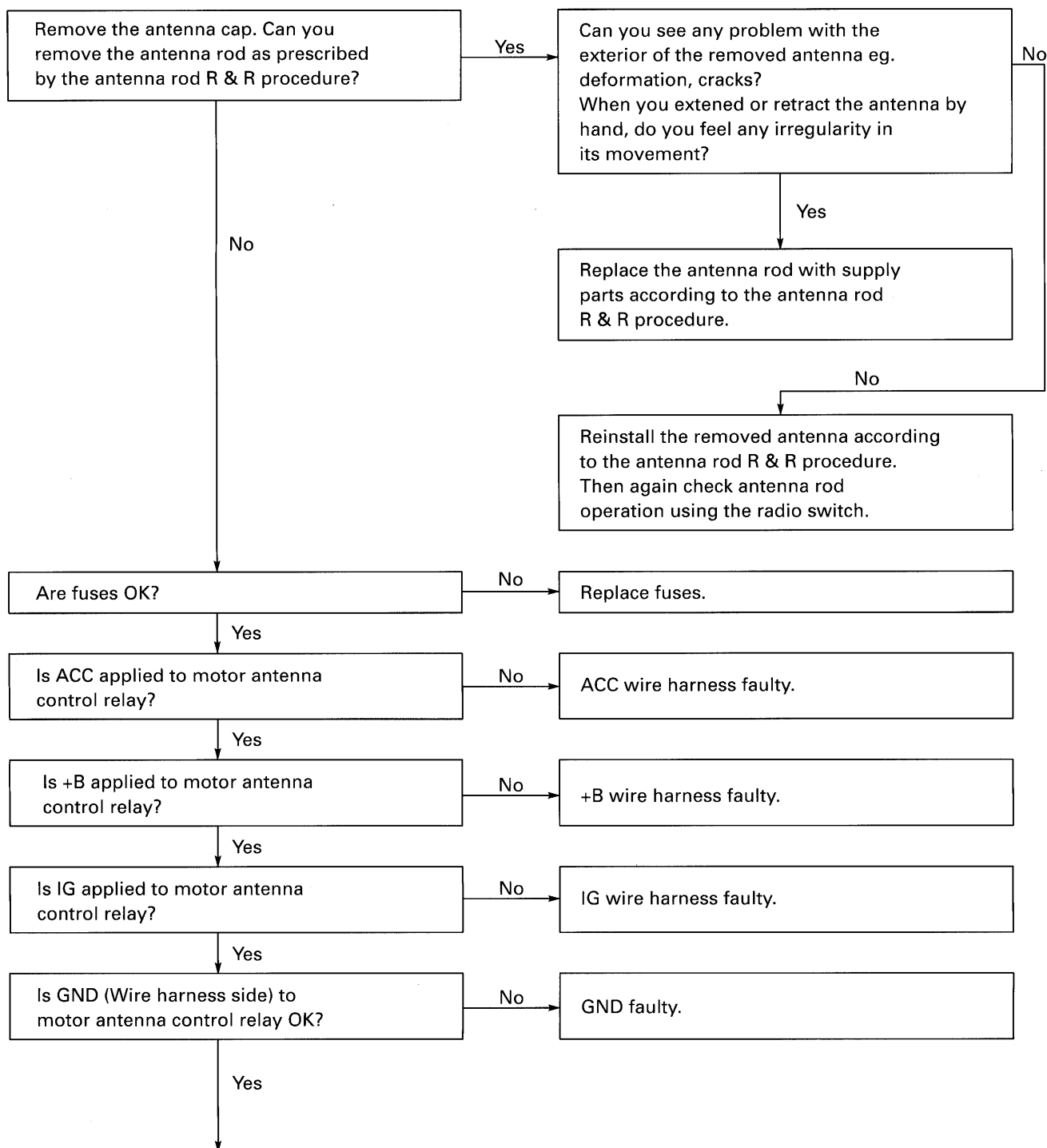


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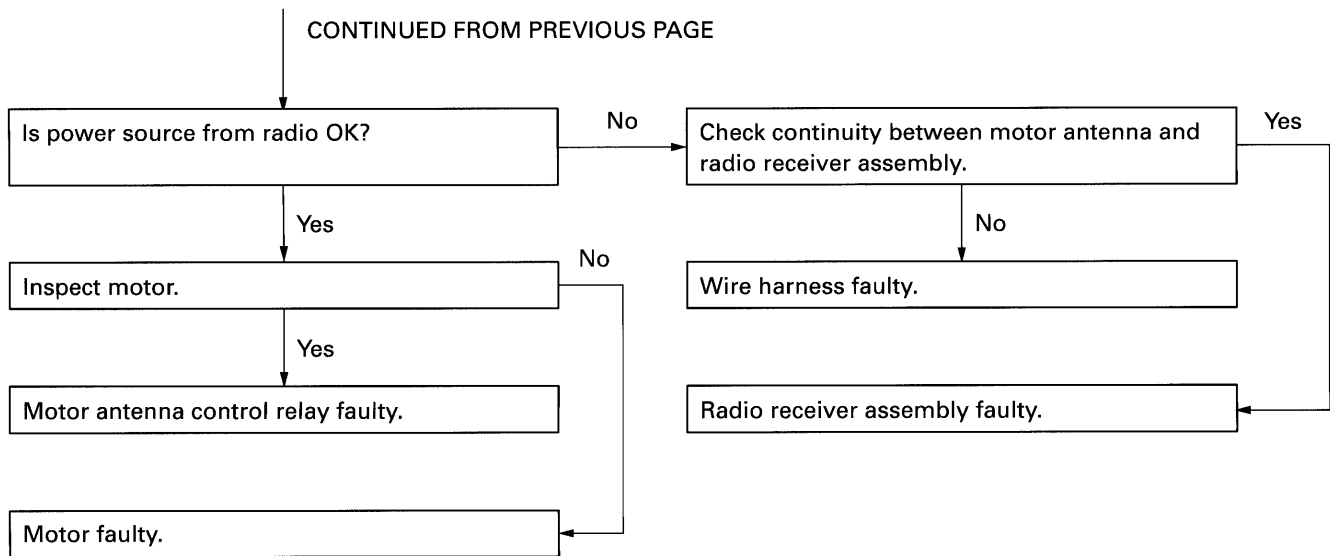
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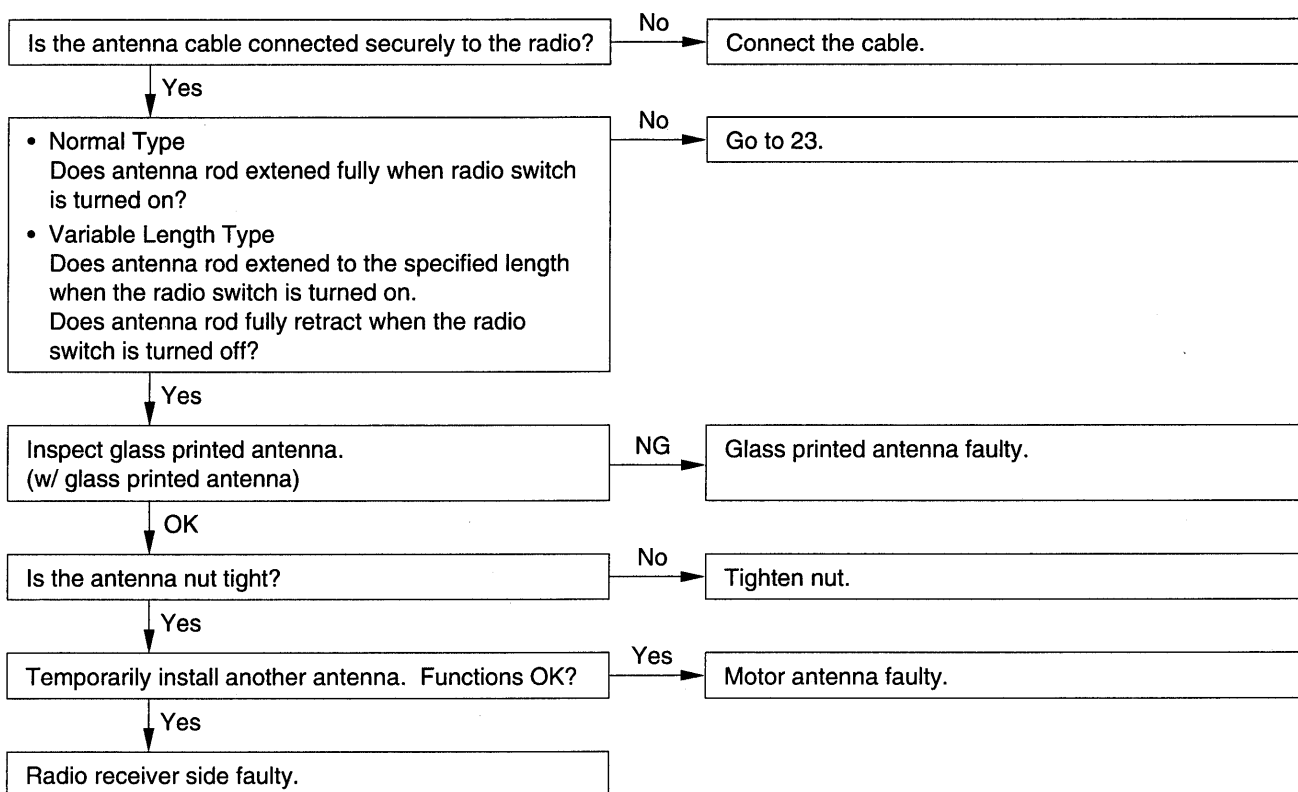
23	Antenna	ANTENNA DOES NOT FULLY EXTENDED OR FULLY RETRACT
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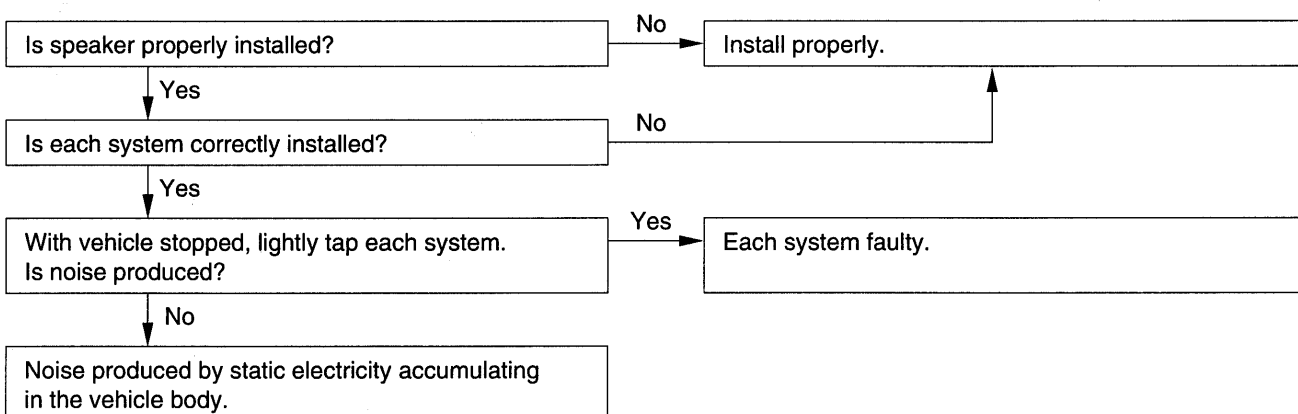
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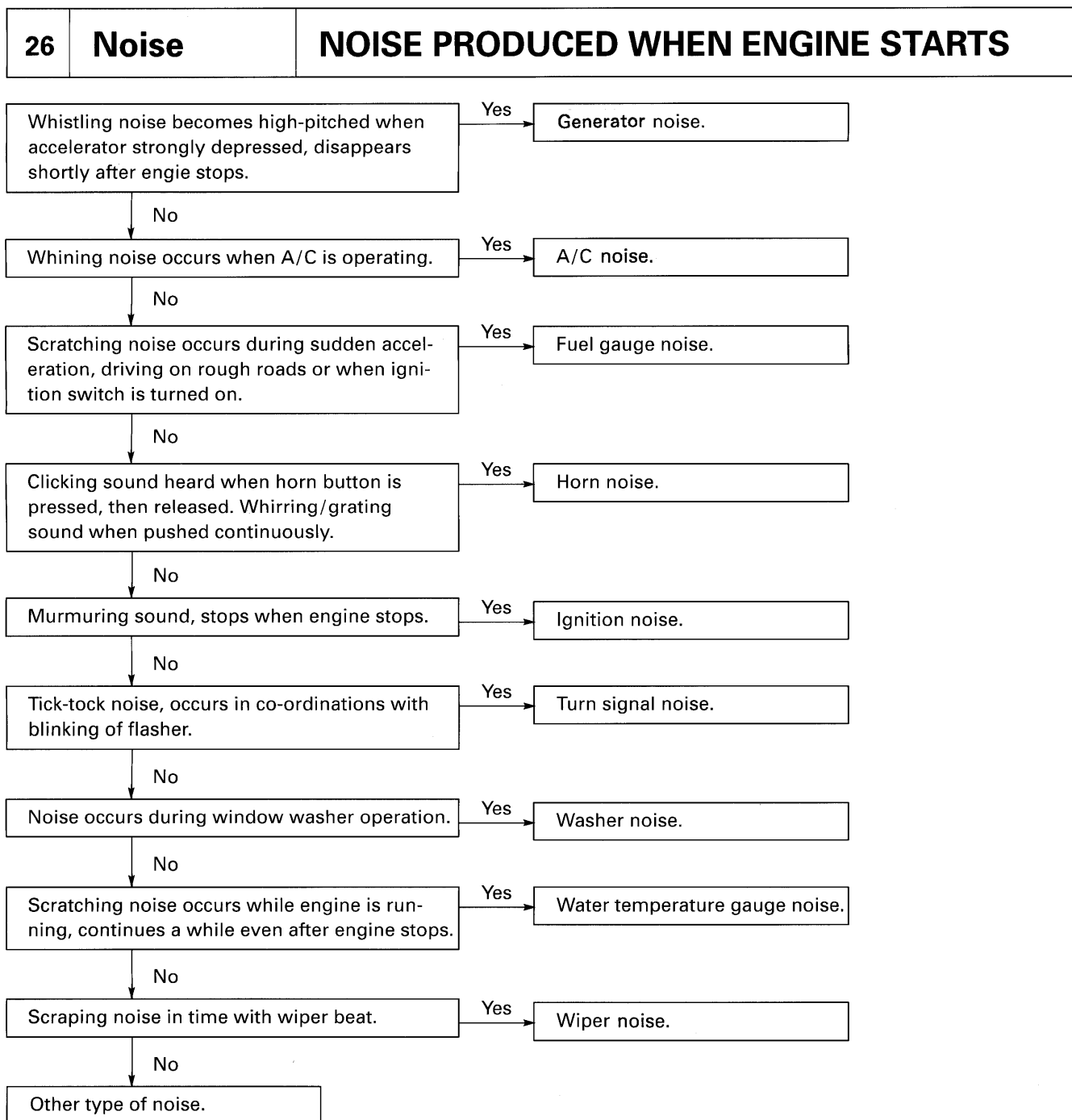
24	Antenna	ANTENNA-RELATED
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25	Noise	NOISE PRODUCED BY VIBRATION OR SHOCK WHILE DRIVING
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