

TROUBLESHOOTING

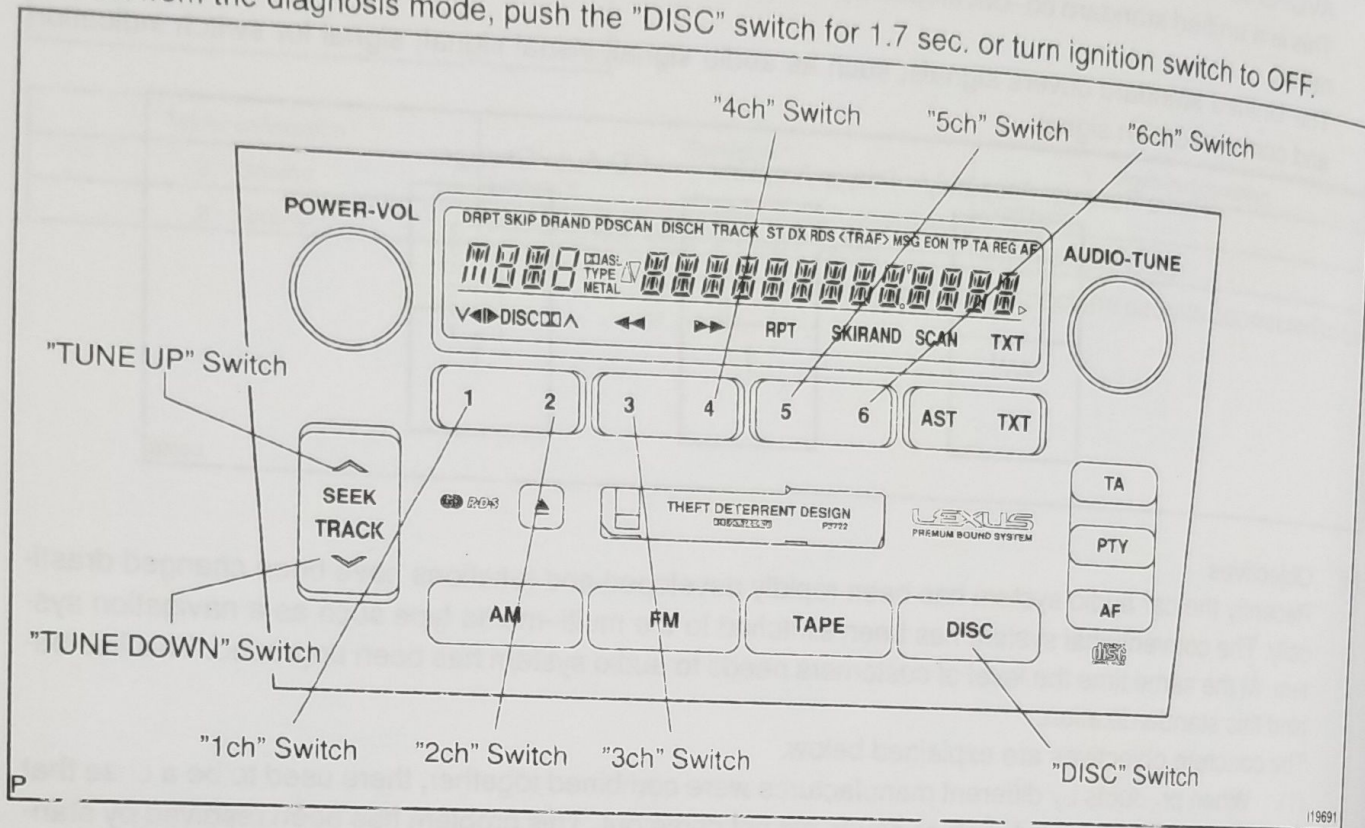
1. USA and CANADA models: DIAGNOSIS FUNCTION

(a) Diagnosis start-up

For shifting diagnosis mode, turn ignition switch ON and push the "DISC" switch 3 times while pressing "ch1" and "ch6" switches.

HINT:

To exist from the diagnosis mode, push the "DISC" switch for 1.7 sec. or turn ignition switch to OFF.



(b) Service check mode

- (1) After the diagnosis start-up, the system enters service check mode.
- (2) Error codes over tuner and connected equipment are displayed on the screen of tuner.

Results for each check are displayed as follows:

- good:
No DTC is detected for both "System Check Confirmation" and "Diagnosis Memory Response".
- nCon:
The Component does not respond to the "Diagnosis On Instruction" command
Applicable to only the system where connected components are limited to be used.
- ECHn:
Application of new version has been confirmed by the "Diagnosis On Check", and there is one or more DTC which indicates "Replacement" in the "System Check Result Response" or "Diagnosis Memory Response".
- CHEC:
Application of new version has been confirmed by the "Diagnosis On Check", and there is no DTC which indicates "Replacement" in the "System Check Result Response" or "Diagnosis Memory Response", but one or more DTC which indicated "Check" is identified.

- Old:
Application of old version is confirmed by the "Diagnosis On Check", and DTC is identified in the "System Check Result Response" or "Diagnosis Memory Response".
- nrES:
No response is identified to the "System Check Start Instruction" and "Request for System Check Result" commands.

HINT:

- Check the present and past condition of components by performing the System Check and collecting stored DTC memories.
- Check results shall be displayed as one of six following indications: "good", "ECHn", "CHEC", "nCon", "Old" or "nrES".



(c) Display Screen for Service Check.

Example:

Connection parts (physical address): Radio receiver (P190), CD Auto Changer (P360), MD changer (P3A0)

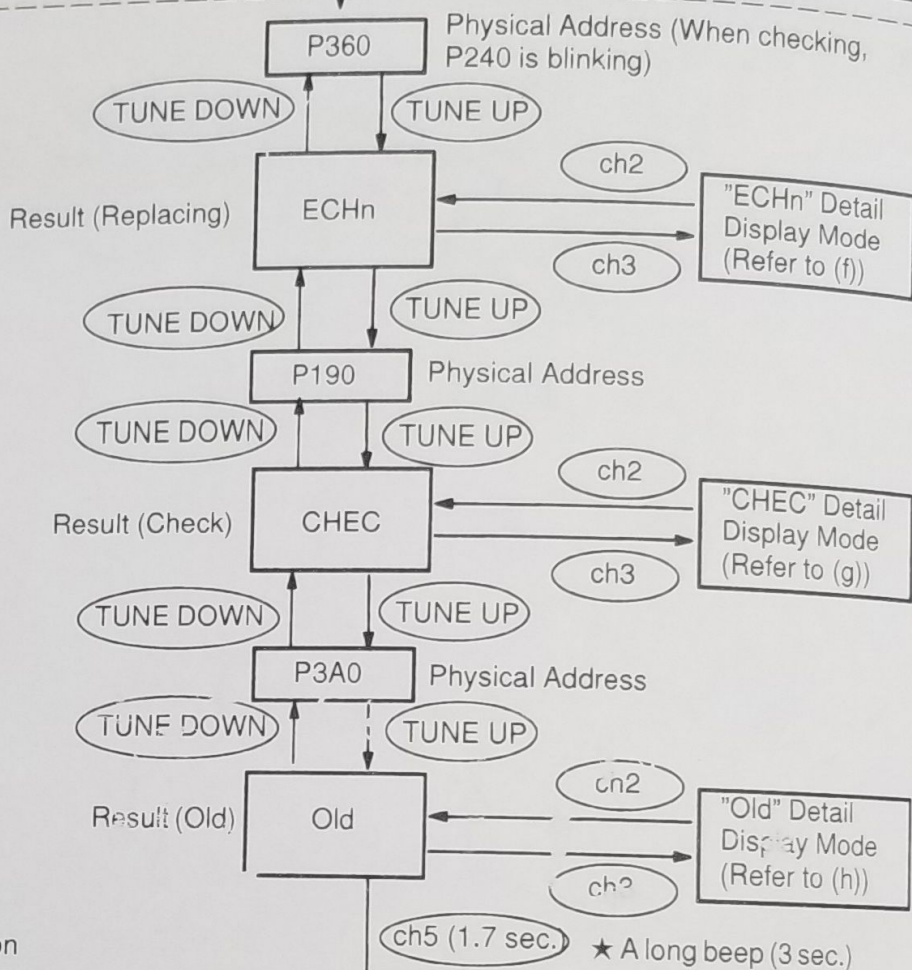
Normal Mode

Turn ignition switch ON.
Push the "DISC" switch 3 times while pressing "ch1" and "ch6" switches.

HINT:
To exit from diagnosis mode, press the "DISC" switch for 1.7 sec. or turn ignition switch to OFF

★ 3 beeps

Service Check Mode



○ : indicates a switch operation

★ A long beep (3 sec.)

After 3 sec.

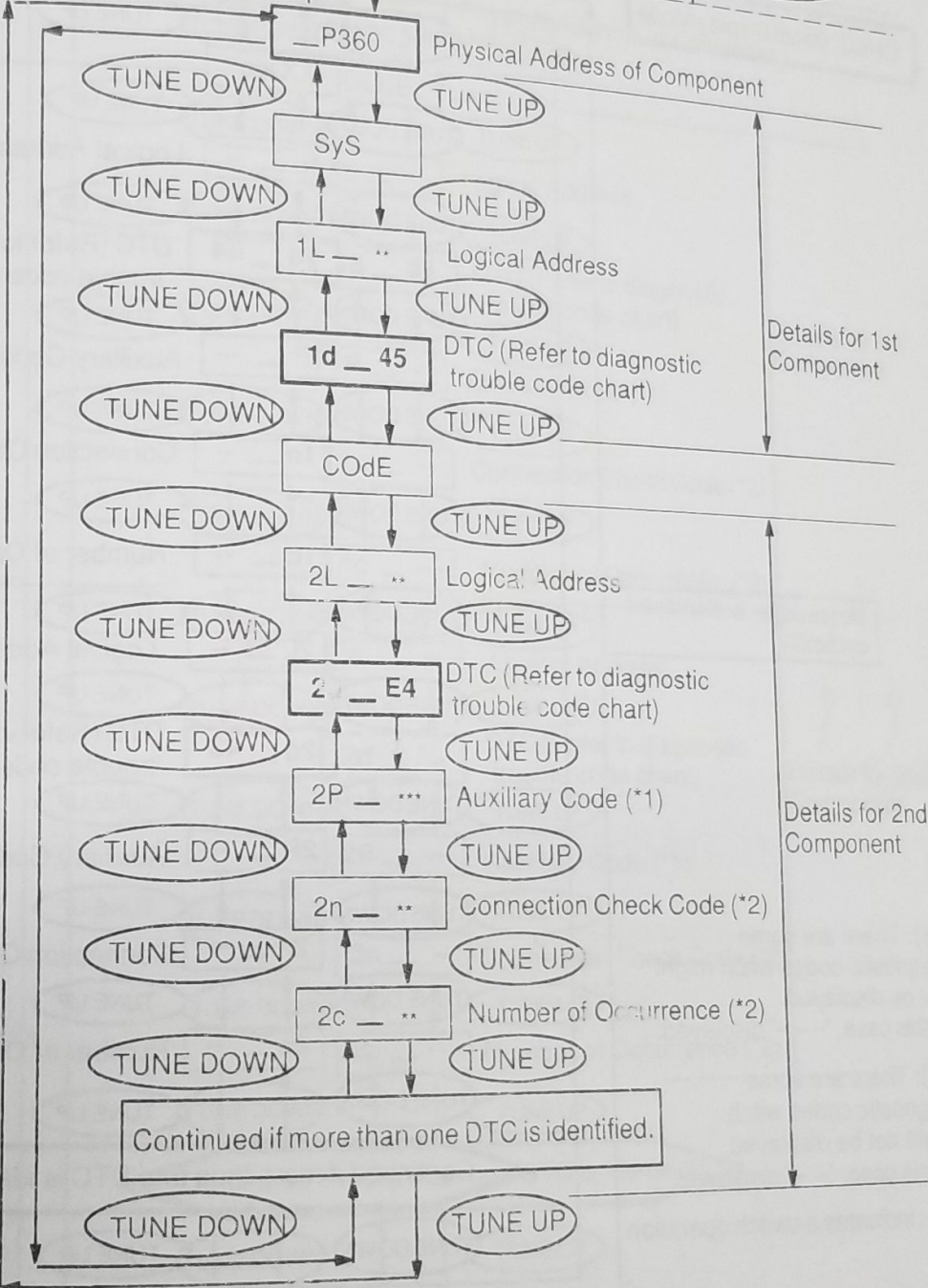
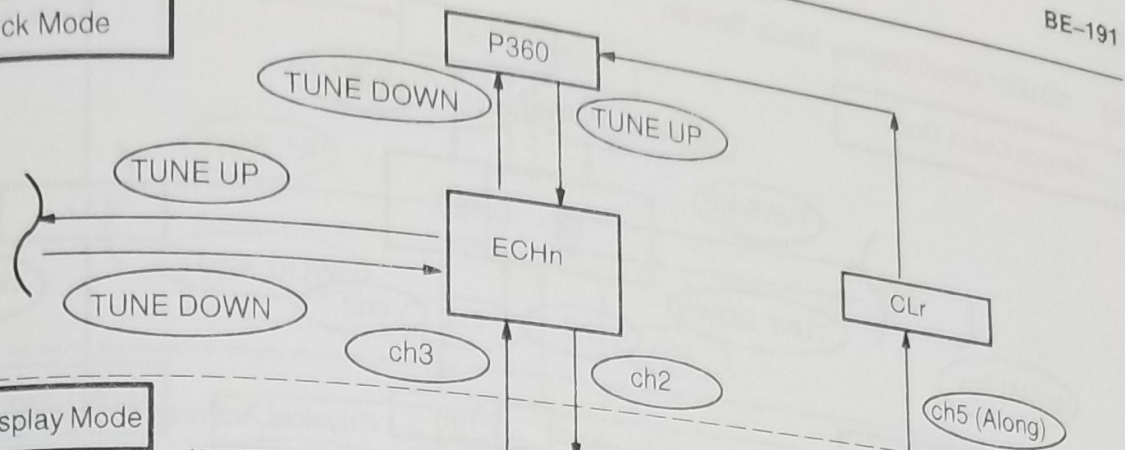
Memory Clear Mode

- After the memory is cleared, only the physical address is displayed cyclically.
- When re-checking (ch1 switch is pressed) in that condition, the result is also displayed as shown above.

(d) "ECHn" Detail Display Mode Screen

Service Check Mode

"ECHn" Detail Display Mode



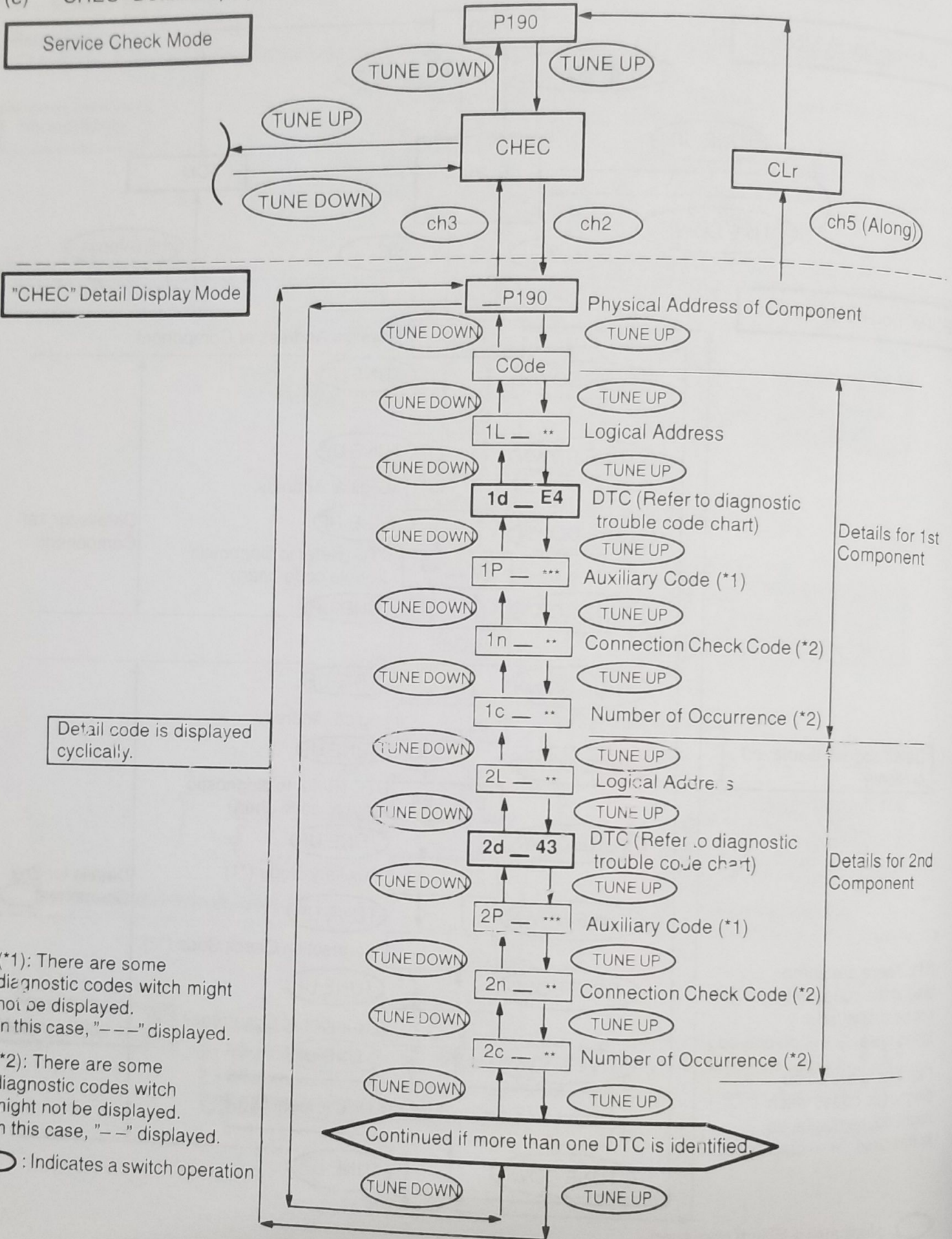
Detail code is displayed cyclically.

(*1): There are some diagnostic codes witch might not be displayed. In this case, "----" displayed.

(*2): There are some diagnostic codes witch might not be displayed. In this case, "--" displayed.

○ : Indicates a switch operation

(e) "CHEC" Detail Display Mode Screen



(*1): There are some diagnostic codes which might not be displayed. In this case, "----" displayed.

(*2): There are some diagnostic codes which might not be displayed. In this case, "--" displayed.

○ : Indicates a switch operation