

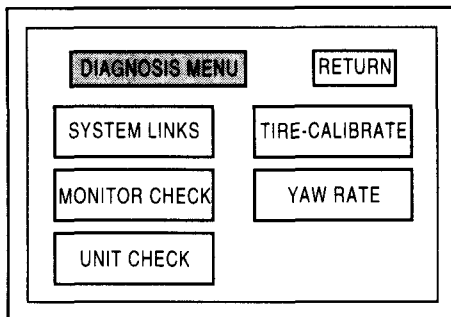
Picture Diagnosis

'97 - 99 Models

Start-up procedure

1. Turn the ignition switch to ACC (I), and then press the MENU key on the display. The main menu screen appears.
2. Press and hold the keys in this order: ① **MENU key**, ② **MAP/GUIDE key**, ③ **CANCEL key**, and keep them pushed simultaneously for 5 seconds. The display changes to the diagnosis menu screen.

DIAGNOSIS MENU SCREEN



Touch the item you want to check, and the check starts.

To return to the previous screen, touch the "RETURN" switch on the diagnosis screen.

SYSTEM LINKS

→ To page [23-387](#)

MONITOR CHECK

→ To page [23-388](#)

UNIT CHECK

→ To page [23-389](#)

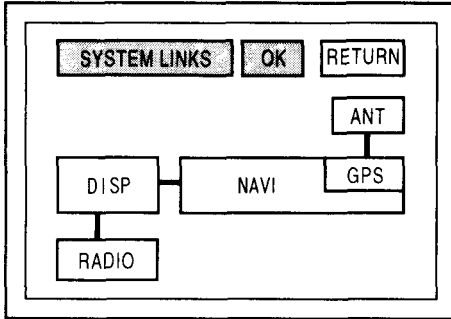
TIRE-CALIBRATE

→ To page [23-387](#)

YAW RATE

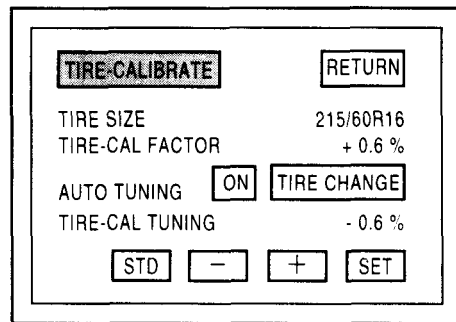
→ To page [23-391](#)

SYSTEMLINKS



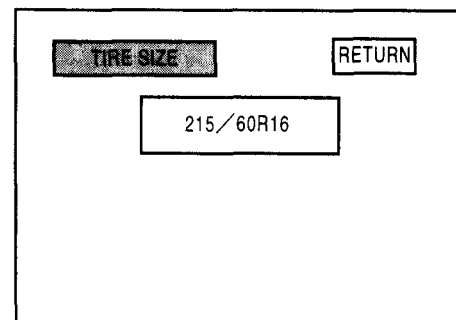
- During diagnosis, all of the communication lines connecting the components are shown in yellow.
- If the system is OK, all of the communication lines connecting the components will change to green, the screen will indicate "OK", and a tone will sound.
- If there is a problem in the system, the faulty communication line will change to red, the screen will indicate "NG", and a tone will sound.
- The indication on the screen will not change until the ignition switch is cycled. After repairing the system, turn the ignition switch OFF to reset the system, then return to the Diagnosis Menu screen, and run System Links again.

TIRE-CALIBRATE



- The "AUTO TUNING" is factory-set to "ON", and it should remain on. If you find it has been turned OFF, turn it back ON.
- The "TIRE-CAL TUNING" can be used, but it is not recommended. The AUTO TUNING function keeps the system in better tune.
- When you touch "TIRE CHANGE," the display will change to the TIRE SIZE screen. This screen is rarely used because only the standard tire size is listed.

TIRE SIZE



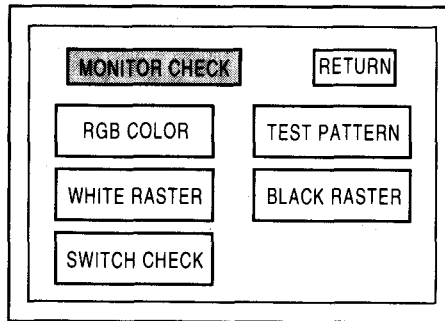
- If the tire-cal factor has been reset, touching the tire size will return the tuning value to the standard value.

(cont'd)

Picture Diagnosis

'97 - 99 Models (cont'd)

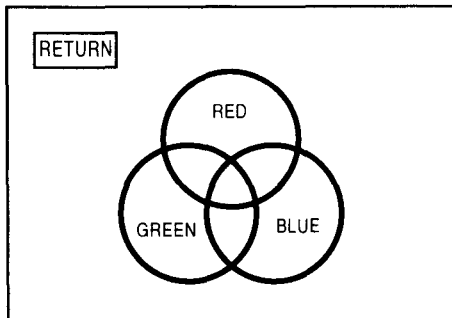
MONITOR CHECK



Touch the item you want to check, and the check starts.

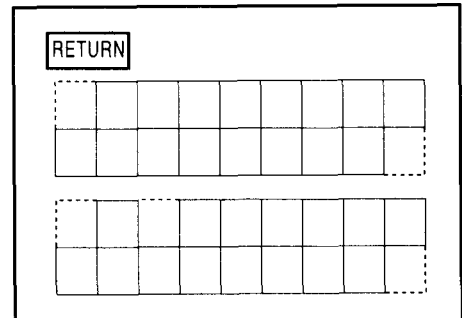
RGB COLOR

The three primary colors of red, green and blue must be shown.



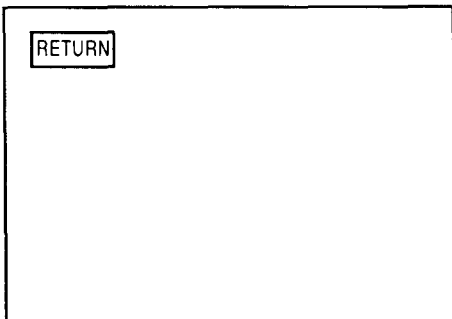
TEST PATTERN

All 32 colors including black must be indicated (including the back ground color).



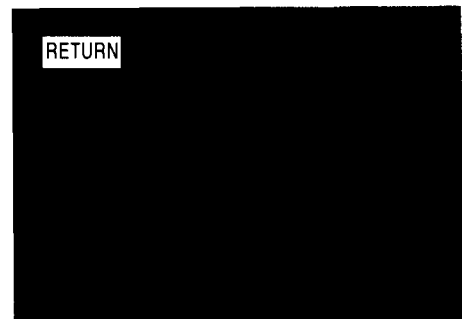
WHITE RASTER

The entire display must be shown in white.

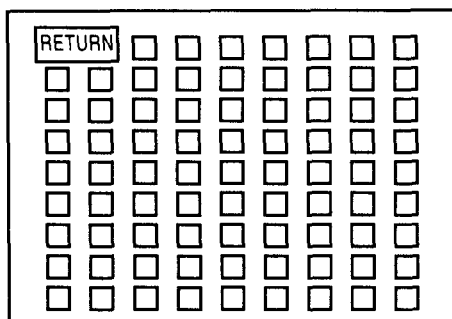


BLACK RASTER

The entire display must be shown in black.

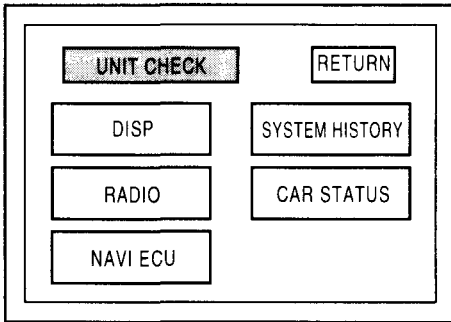


SWITCH CHECK



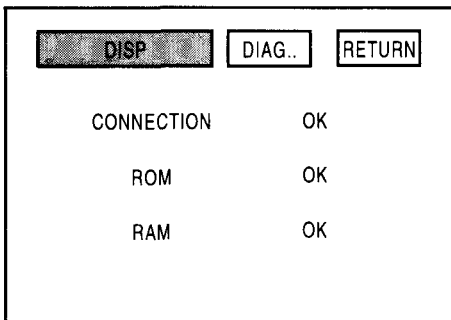
Each switch must be shown on the display and each switch must reverse and sound, when touched.

UNIT CHECK



Touch the item you want to check, and the check starts.

DISP (DISPLAY UNIT)

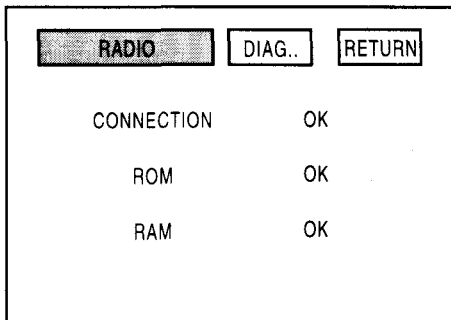
**When the connection is NG**

Check for an open or short in the communication line. If the line is OK, replace the display unit.

When the ROM or RAM is NG

Replace the display unit.

RADIO (AUDIO UNIT)

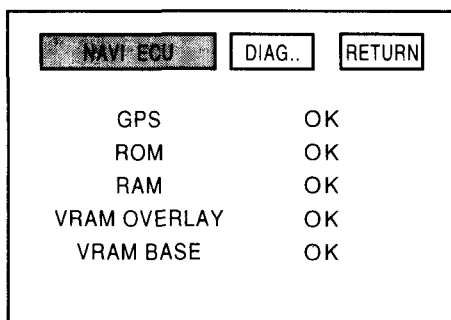
**When the connection is NG**

Check for an open or short in the communication line. If the line is OK, replace the audio unit.

When the ROM or RAM is NG

Replace the audio unit.

NAVI ECU (NAVIGATION UNIT)

**When an item other than GPS is NG**

Replace the navigation unit.

When GPS is NG

Replace the navigation unit.

When GPS is NG (ANT)

Check the GPS antenna for proper connection. If the connection is OK, replace the GPS antenna.

(cont'd)

Picture Diagnosis

'97 - 99 Models (cont'd)

SYSTEM HISTORY

RETURN	SYSTEM HISTORY	CLR
LEVEL0 LEVEL1 LEVEL2 LEVEL3		

This screen is for the manufacturer's use only.

NOTE: Do not touch the CLR switch.

Touching the CLR switch will clear the system history.

CAR STATUS

CAR STATUS		RETURN
VSP	OFF	
BACK	OFF	
CHG	ON	
ILL	OFF	

Use the car status screen to check each signal.

If the indication does not match the actual vehicle status, check the applicable signal line.

- VSP (vehicle speed pulse indication)
 - OFF when vehicle is not moving
 - ON when vehicle is moving
- BACK (reverse indication)
 - OFF when shift lever is in any position other than reverse
 - ON when shift lever is in reverse
- CHG (charging indication)
 - ON when engine is running and alternator is charging
 - OFF when engine is off or alternator is not charging
- ILL (illumination indication)
 - OFF when parking lights or headlights are off
 - ON when parking lights or headlights are on



YAW RATE

YAW RATE

RETURN

OFFSET + 2. 536 V

SENSOR + 2. 535 V

CCW-CAL FACTOR + 0. 0%

CW-CAL FACTOR + 0. 0%

MONITOR

TUNING

"SENSOR" indicates the voltage output from the yaw rate sensor. It should indicate 1.500 to 3.500 V with the vehicle stopped.

NOTE: Do not try to tune the yaw rate sensor unless instructed to by American Honda.