

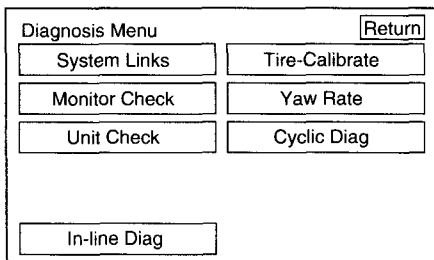
Picture Diagnosis

'00 - 04 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

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Monitor Check

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Unit Check

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Tire-Calibrate

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Yaw Rate

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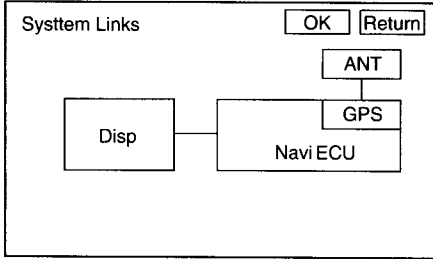
Cyclic Diag

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In-line Diag

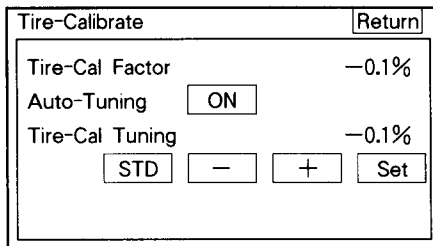
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System Links



- 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 'Tire-Calibrate' screen includes the following elements:

- Tire-Cal Factor**: Set to -0.1% .
- Auto-Tuning**: Set to **ON**.
- Tire-Cal Tuning**: Set to -0.1% .
- Buttons at the bottom: **STD**, **-**, **+**, and **Set**.
- Return** button at the top right.

- 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.

Cyclic Diag

In this test, check the following items repeatedly:

- Navigation unit check (Navi ECU)
- Monitor check (except switch test)

To exit this test, press the CANCEL key

In-Line Diag

In this test, you can check following item:

- System links
- Car status
- Yaw rate

(cont'd)

Picture Diagnosis

'00 - 01 Models (cont'd)

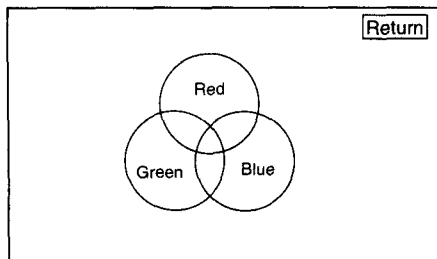
Monitor Check

Monitor Check		Return
RGB Color	Test Pattern	
White Raster	Black Raster	
Switch Check	Color Change	

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

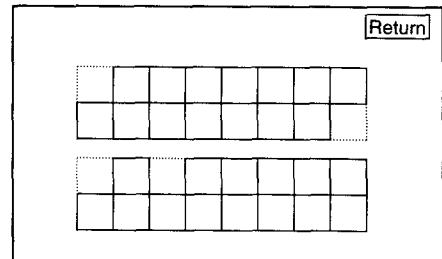
RGB Color

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



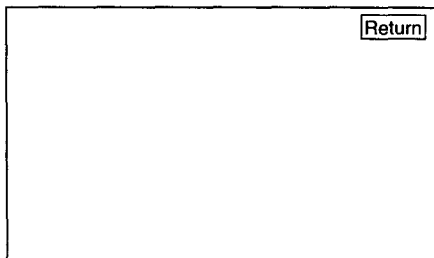
TestPattern

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



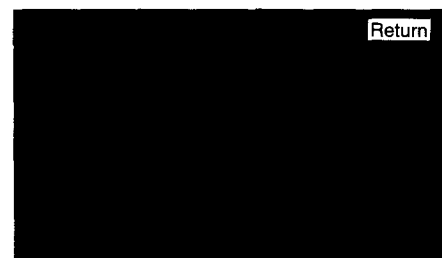
White Raster

The entire display must be shown in white.



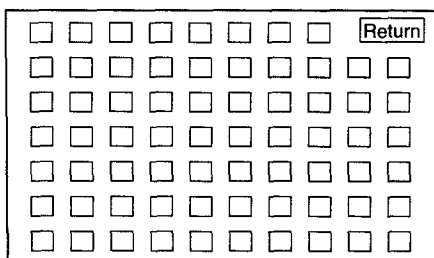
Black Raster

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.



Color Change

This screen is for the manufacture's use only.

Color Change		Return
Color No.	BASE- 0	
▲ ▼	Set	
Default	R	▲ 30 ▼
	G	▲ 60 ▼
	B	▲ 30 ▼

Unit Check

Unit Check		Return
Disp	System History	
GPS	Car Status	
Navi ECU	Backup Clear	
Force Download		

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

NOTE: Do not use "Force Download". This command is for the manufacturer's use only.

Disp (Display Unit)

Disp	OK	Return
Connection	OK	
ROM	OK	
RAM	OK	

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.

System History

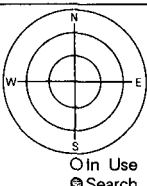
System History	CLR	Return
LEVEL0		
LEVEL1		
LEVEL2		
LEVEL3		

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.

GPS Information

GPS Information		Return
Number of Satellites		
Current Position		
Latitude XX'XX' XX"		
Longitude XX'XX' XX"		
Elevation XXX ft		
'99. 01. 01 10 : 08 00		

This screen shows the condition of the GPS reception and the vehicle position.

(cont'd)

Picture Diagnosis

'00 - 01 Models (cont'd)

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

Navi ECU (Navigation Unit)

Navi ECU		OK	Return
High Tmp	XX °C		
Low Tmp	XX °C		
Flash IPL	OK [XXXX]		
Flash Application	OK [XXXX]		
RAM	OK		
VRAM Overlay	OK		
VRAM Base	OK		
Model	XX		

When any item is NG, replace the navigation unit.

Backup Clear

Backup Clear		Return
To clear SRAM and system history, Push OK button.		
(This will Reset the navigation system)		
OK	Cancel	

This screen is for manufacture's use only.



Yaw Rate

Yaw Rate

Return

Offset	2.517 V
Sensor	2.517 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.