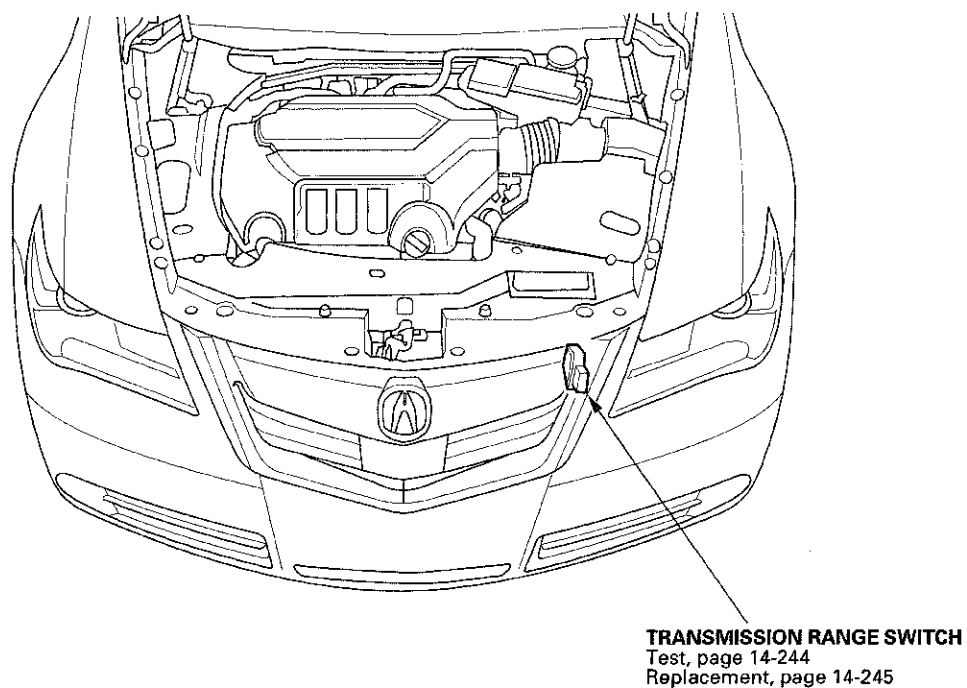
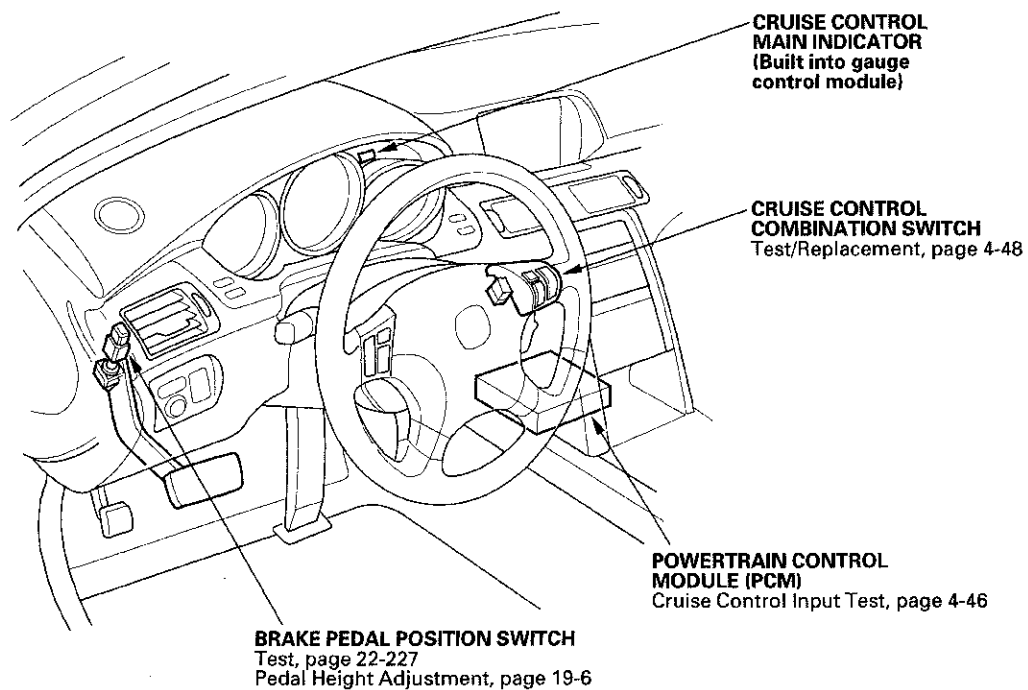


Cruise Control



Component Location Index



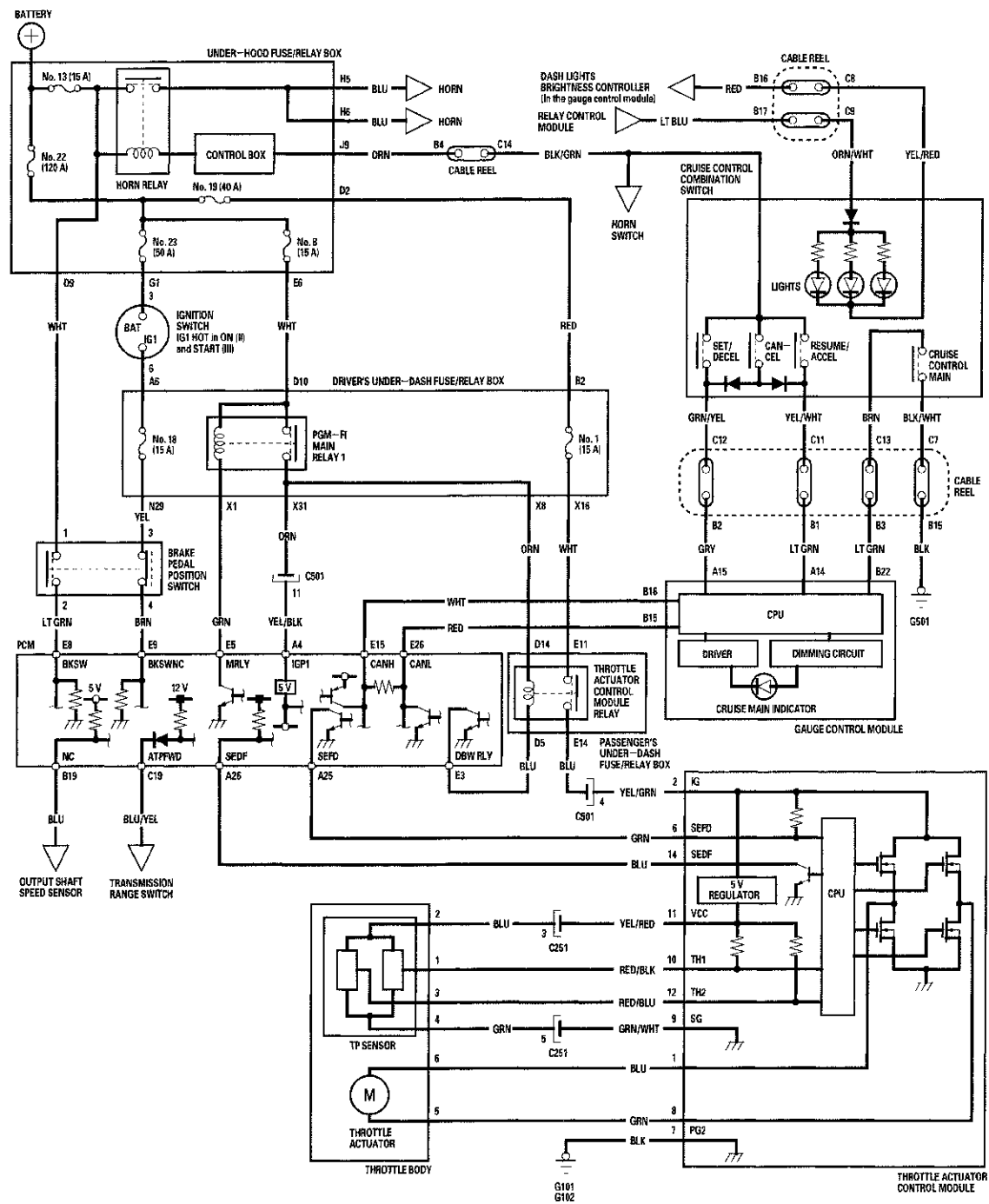
Cruise Control

Symptom Troubleshooting Index

Symptom	Diagnostic procedure	Also check for
Cruise control cannot be set	1. Check for PGM-FI and body DTCs. 2. Check the No. 13 (15 A) fuse in the under-hood fuse/relay box, and the No. 18 (15 A) fuse in the driver's under-dash fuse/relay box. 3. Do the cruise control input test (see page 4-46). 4. Do the cruise control combination switch test (see page 4-48).	Poor ground at G101, G102
Cruise control can be set, but the cruise main indicator does not come on	1. Check for PGM-FI and body DTCs. 2. Do the gauge control module self-diagnostic function procedure (see page 22-396). 3. Do the cruise control input test (see page 4-46). Test the cruise control main switch signal input.	Faulty gauge control module
Vehicle does not accelerate accordingly when the resume/accel button is pressed	1. Check for PGM-FI and body DTCs. 2. Do the cruise control input test (see page 4-46). Test the cruise control and resume/accel switch signal inputs. 3. Do the cruise control combination switch test (see page 4-48).	Open circuit, loose or disconnected terminal: YEL/WHT, or LT GRN
Set speed does not cancel when the brake pedal is pressed	1. Check for PGM-FI and body DTCs. 2. Do the cruise control input test (see page 4-46). Test the brake pedal position switch signal input.	• Short to power in the BRN wire • Faulty brake pedal position switch
Set speed does not cancel when the cruise control main button is pressed	1. Check for PGM-FI and body DTCs. 2. Do the cruise control input test (see page 4-46). Test the cruise control master button signal input. 3. Do the cruise control combination switch test (see page 4-48).	Short to ground in the BRN or LT GRN wire
Set speed does not cancel when the cancel button is pressed	1. Check for PGM-FI and body DTCs. 2. Do the cruise control input test (see page 4-46). Test the cruise control cancel switch signal input. 3. Do the cruise control combination switch test (see page 4-48).	Open circuit, loose or disconnected terminals: GRN/YEL, GRY, YEL/WHT, or LT GRN
Set speed does not resume when the resume/accel button is pressed (with the cruise control main switch turned on, and set speed temporarily canceled by pressing the brake pedal)	1. Check for PGM-FI and body DTCs. 2. Check the brake pedal position switch adjustment (see page 19-6). 3. Do the cruise control input test (see page 4-46). Test the cruise control resume/accel switch signal input. 4. Do the cruise control combination switch test (see page 4-48).	• Open circuit, loose or disconnected terminals: YEL/WHT or LT GRN • Faulty brake pedal position switch
With the ignition switch in ON (II), and the lighting switch turned on, the cruise control combination switch illumination does not come on	Do the cruise control combination switch test (see page 4-48).	



Circuit Diagram



Cruise Control

Cruise Control Input Test

1. Connect the Honda Diagnostic System (HDS) to the data link connector (DLC) (see step 2 on page 11-3).
2. Turn the ignition switch to ON (II).
3. Make sure the HDS communicates with the vehicle and the powertrain control module (PCM). If it doesn't communicate, troubleshoot the DLC circuit (see page 11-211).
4. Go to PGM-FI, and check for DTCs (see page 11-3).
5. Do the following tests while monitoring parameters in the PGM-FI DATA LIST with the HDS.

NOTE: Intermittent failures are often caused by loose circuit connections. While monitoring cruise control inputs, flex their circuit wires, and note if any of the test results change.

Signal to be tested	Test condition	Parameter: Desired result	Possible cause if result is not obtained
Brake pedal position switch signal	Brake pedal pressed, then released	CRUISE BRAKE SW should indicate OFF when the brake pedal is pressed and ON when the brake pedal is released.	• Faulty brake pedal position switch • Blown No. 18 (15 A) fuse in the driver's under-dash fuse/relay box • An open in the wire between the PCM and the brake pedal position switch • A wire shorted to ground between the PCM and the brake pedal position switch
Transmission range switch signal	Shift lever in D and D3	SHIFT/CLUTCH SW should indicate OFF in P, R, and N and ON in D and D3.	• Faulty transmission range switch • An open in the wire between the PCM and the transmission range switch • A wire shorted to ground between the PCM and the transmission range switch • Poor ground G101 and G102
Cruise control main switch signal	Cruise control main button pressed and released	CRUISE CONTROL MAIN SW should indicate ON when the cruise control main button is pressed and OFF when the cruise control main button is released.	• Faulty cruise control combination switch • An open in the wire between the gauge control module and the cruise control combination switch • A wire shorted to ground between the gauge control module and the cruise control combination switch • An open in the wire between the cruise control combination switch and the ground – Faulty cable reel
Set switch signal	Set/decel button pressed and released	CRUISE CONTROL SET SW should indicate ON when the set/decel button is pressed and OFF when the set/decel button is released.	• Faulty cruise control combination switch • An open in the wire between the gauge control module and the cruise control combination switch • A wire shorted to ground between the gauge control module and the cruise control combination switch – Faulty cable reel



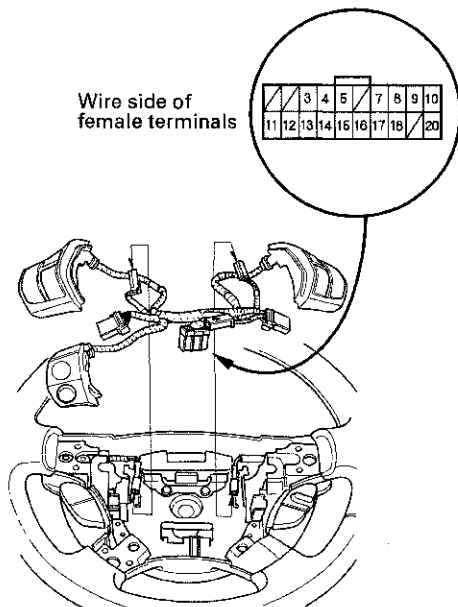
Signal to be tested	Test condition	Parameter: Desired result	Possible cause if result is not obtained
Resume switch signal	Resume/accel button pressed and released	CRUISE CONTROL RESUME SW should indicate ON when the resume/accel button is pressed and OFF when the resume/accel button is released.	- Faulty cruise control combination switch - An open in the wire between the gauge control module and the cruise control combination switch - A wire shorted to ground between the gauge control module and the cruise control combination switch - Faulty cable reel
Cancel switch signal	Cancel button pressed and released	CRUISE CONTROL CANCEL SW should indicate ON when the cancel button is pressed and OFF when the cancel button is released.	- Faulty cruise control combination switch - An open in the wire between the gauge control module and the cruise control combination switch - A wire shorted to ground between the gauge control module and the cruise control combination switch - Faulty cable reel
Cruise control indicator signal	Start the engine, press the cruise control main button on and drive the vehicle above 25 mph (40 km/h) with the cruise control set and cancel the cruise control	CRUISE INDICATOR should indicate ON when the cruise control is set and OFF when the cruise control is cancelled.	Faulty gauge control module

Cruise Control

Cruise Control Combination Switch Test/Replacement

There are SRS components located in this area. Review the SRS component locations (see page 24-12), and the precautions and procedures (see page 24-14), in the SRS before doing repairs or service.

- 1. Remove the driver's airbag (see page 24-197).
- 2. Disconnect the connectors, then remove the switch.



- 3. Check for continuity between the terminals in each switch position according to the table.
- If there is continuity, and it matches the table, but switch failure occurred on the cruise control input test, check and repair the wire harness on the switch circuit.
- If there is no continuity in one or both positions, replace the switch.

Terminal	7	13	14	11	12
Position					
Cruise control main switch (ON)	○—○				
Cruise control main switch (OFF)					
Set/decel (PRESSED)			○—○		
Resume/accel (PRESSED)			○—○		
Cancel (PRESSED)			○—○		

- 4. Use a diode tester between the terminals according to the chart. If the diode fails the test, replace the switch (see page 17-23).

9	8
○—○	○—○