



WARNING: Use this information at your own risk. Speed Innovations or any of its affiliates is not liable for any damages or injuries.

Extracting the Codes

1. Turn the ignition off.
2. On the passenger side of your car, under the dash beneath the glove box, you will find a green cover above the kick panel that houses a blue connector that has two wires.
3. Using the piece of wire or paperclip, jump the blue connector so that you connect the two wires together. Basically stick one end of the paperclip or piece of wire into one prong on the connector and stick the other end of the paperclip or wire into the other prong.
4. turn the key to the IGN position and watch your CEL light. It will illuminate in a series of flashes.

Reading the Codes

You will notice that there will be LONG flashes and SHORT flashes. All of the ECU trouble codes are two-digits. LONG flashes determine the TENS digit by the number of times it flashes, and SHORT flashes determine the ONES digit by the number of times it flashes.

ie. LONG-LONG-LONG-SHORT-SHORT-SHORT-SHORT-PAUSE

is the trouble code: 34

ie. LONG-LONG-SHORT-PAUSE-LONG-LONG-LONG-LONG-SHORT-SHORT-SHORT-PAUSE

is the trouble code: 21 and 43

Once you have determined the codes, you can simply remove the paperclip or wire from the connector and replace it back in the green housing.

You can clear all the codes from the ECU memory after your fix the problem by disconnecting the negative battery terminal for 15 sec.

Tell your friends to visit www.speedinnovations.com

CODE	VEHICLE	DEFINITION
1	86-98 Civic 97-98 CRV 85-98 Prelude 94+ Integra	Oxygen Sensor "A" (Primary) defective circuit or unplugged / defective sensor code can be disabled on a Speed Innovations tuned ECU
2	86-87 Civic	Oxygen Sensor "B" defective circuit or unplugged / defective sensor
	86-98 Civic 97-98 CRV	MAP Sensor (Manifold Absolute Pressure) defective circuit or

3	85-98 Prelude 94+ Integra	unplugged / defective sensor
4	88-98 Civic 97-98 CRV 85-98 Prelude 94+ Integra	CKP Sensor (Crankshaft Position Sensor) defective circuit or unplugged / defective sensor
5	86-98 Civic* 97-98 CRV 85-98 Prelude 94+ Integra	MAP Sensor (Manifold Absolute Pressure) mechanical problem / disconnected piping * not 94-95
6	86-98 Civic 97-98 CRV 85-98 Prelude 94+ Integra	ECT Sensor (Engine Coolant Temperature) defective circuit or unplugged / defective sensor
7	86-98 Civic 97-98 CRV 85-98 Prelude 94+ Integra	TP Sensor (Throttle Position) defective circuit or unplugged / defective sensor
8	86-98 Civic 97-98 CRV 85-98 Prelude 94+ Integra	TDC Sensor (Top Dead Center) defective circuit or unplugged / defective sensor
9	86-98 Civic 97-98 CRV 85-98 Prelude 94+ Integra	CYP Sensor (Cylinder) defective circuit or unplugged / defective sensor * invalid code for throttle body injection Hondas ** invalid code for V6 engines
10	86-98 Civic 97-98 CRV 85-98 Prelude 94+ Integra	IAT Sensor (Intake Air Temperature) defective circuit or unplugged / defective sensor
12	86-98 Civic 85-98 Prelude 94+ Integra	EGR Lift Sensor (Exhaust Gas Re circulation) defective circuit or unplugged / defective sensor * invalid code for non-equipped EGR valve vehicles
13	86-98 Civic 97-98 CRV 85-98 Prelude 94+ Integra	BARO Sensor (Atmospheric Pressure) defective circuit or unplugged / defective sensor
14	88-98 Civic 97-98 CRV 88-98 Prelude 94+ Integra	IAC Valve (Idle Air Control) defective circuit or unplugged / defective sensor
15	88-95 Civic 88-95 Prelude 94+ Integra	Ignition Output Signal missing or defective ignition output signal
	88-95 Civic	

16	88-85 Prelude 94+ Integra	Fuel Injector System defective circuit or unplugged / defective fuel injector
17	88-98 Civic 97-98 CRV 88-98 Prelude 94+ Integra	VSS (Vehicle Speed Sensor) defective circuit or unplugged / defective sensor
19	88-95 Civic 94+ Integra	Automatic Transmission Lock Up Control Solenoid Valve defective circuit or unplugged / defective solenoid valve code can be disabled on a Speed Innovations tuned ECU
20	88-98 Civic 97-98 CRV 92-98 Prelude 94+ Integra	Electrical Load Detector defective circuit or unplugged / defective sensor code can be disabled on a Speed Innovations tuned ECU
21	92-95 Civic 93-95 Prelude 94+ Integra	VTEC Solenoid Valve defective circuit or unplugged / defective solenoid valve * invalid code for non-VTEC engine ** invalid for V6 engine
22	92-98 Civic 93-98 Prelude 94+ Integra	VTEC Oil Pressure Switch defective circuit or unplugged / defective oil pressure switch * invalid code for non-VTEC engine code can be disabled on a Speed Innovations tuned ECU
23	96-98 Civic 92-98 Prelude 94+ Integra	KS (Knock Sensor) defective circuit or unplugged / defective sensor * invalid code for V6 engine code can be disabled on a Speed Innovations tuned ECU
30	92-98 Prelude 94+ Integra	Automatic Transmission Signal: "A" / SEAF / SEFA / TMA or TMB defective circuit or unplugged / defective sensor * invalid code for 1996
31	92-95 Prelude	Automatic Transmission Signal "B" defective circuit or unplugged / defective sensor
41	92-98 Civic 97-98 CRV 90-98 Prelude 94+ Integra	Primary Oxygen Sensor - Heater circuit malfunction code can be disabled on a Speed Innovations tuned ECU
43	92-95 Civic 90-95 Prelude 94+ Integra	Fuel Supply System defective or malfunctioning fuel supply system
45	96-98 Civic 97-98 CRV 96-98 Prelude 94+ Integra	System Too Lean or Too Rich malfunction in the fuel monitoring systems code can be disabled on a Speed Innovations tuned ECU

48	92-98 Civic 94+ Integra	LAF Sensor (Lean Air Fuel) defective circuit or unplugged / defective sensor
54	96-98 Civic 97-98 CRV 94+ Integra	CKF Sensor (Crankshaft Speed Fluctuation) defective circuit or unplugged / defective sensor
61	96-98 Civic 97-98 CRV 96-98 Prelude 94+ Integra	Oxygen Sensor, Heated - Sensor 1 (Primary) high voltage, low voltage, or slow response code can be disabled on a Speed Innovations tuned ECU
63	96-98 Civic 97-98 CRV 96-98 Prelude 94+ Integra	Oxygen Sensor, Heated - Sensor 2 (Secondary) high voltage, low voltage, or slow response code can be disabled on a Speed Innovations tuned ECU
65	96-98 Civic 97-98 CRV 96-98 Prelude 94+ Integra	Oxygen Sensor Heater (Secondary) malfunctioning or defective oxygen sensor heater code can be disabled on a Speed Innovations tuned ECU
67	96-98 Civic 97-98 CRV 96-98 Prelude 94+ Integra	Catalyst system Efficiency Below Threshold malfunctioning or defective catalyst system code can be disabled on a Speed Innovations tuned ECU
70	96-98 Civic 97-98 CRV 96-98 Prelude 94+ Integra	Automatic Transmission malfunction with the automatic transmission controls
71	96-98 Civic 97-98 CRV 96-98 Prelude 94+ Integra	Cylinder 1 Misfire or a Random Misfire a condition is present that is creating a cylinder misfire
72	96-98 Civic 97-98 CRV 96-98 Prelude 94+ Integra	Cylinder 2 Misfire or a Random Misfire a condition is present that is creating a cylinder misfire
73	96-98 Civic 97-98 CRV 96-98 Prelude 94+ Integra	Cylinder 3 Misfire or a Random Misfire a condition is present that is creating a cylinder misfire
74	96-98 Civic 97-98 CRV 96-98 Prelude 94+ Integra	Cylinder 4 Misfire or a Random Misfire a condition is present that is creating a cylinder misfire
80	96-98 Civic 96-98 Prelude 94+ Integra	Exhaust Gas Recirculation insufficient flow detected

86	96-98 Civic 97-98 CRV 96-98 Prelude 94+ Integra	ECT Sensor (Engine Coolant Temperature) circuit range / performance problem
90	96-98 Civic 97-98 Prelude 94+ Integra	Evaporative Emission Control System leak detected in the fuel tank area
91	96-98 Civic 97-98 Prelude 94+ Integra	Fuel Tank Pressure Sensor low input
92	96-98 Civic 97-98 CRV 96-98 Prelude 94+ Integra	Evaporative Emission Control System insufficient purge flow