556H Honda/Acura Immobilizer Bypass Module

Models

Mode 1	Mode 2
■ Honda Accord 2003-2004	■ Honda Accord 1998-2002
■ Honda CRV 2002-2004	■ Honda CRV 1998-2001
■ Honda Civic 2001-2004	■ Honda Odyssey 1998-2003
■ Honda Element 2003-2004	■ Honda Pilot 2003
■ Acura RSX 2002-2004	■ Acura CL 1998-2003
■ Acura TSX 2004	■ Acura Integra 2000-2002
■ Acura TL 2004	■ Acura MDX 2001-2002
■ Acura MDX 2003	■ Acura TL 1998-2002
■ Acura 1.7EL 2001-2004	■ Acura 1.6EL 1998-2000

Product Description

The Honda/Acura Immobilizer anti-theft system uses a low-power transponder mounted in the head of the ignition key. When the vehicle is started, the Key Cylinder Module converts the transponder signal and sends a secure, coded signal to the Engine Control Module. If the signal to the Engine Control Module is correct, the vehicle will start.

The 556H uses a unique auto-program sequence to learn the secure code from the Key Cylinder Module and repeats it when remote start is activated, eliminating the need to leave a key in the vehicle.

The 556H Honda/Acura Immobilizer Bypass Module integrates into the wiring for the Honda/Acura immobilizer anti-theft system to allow remote start capability, while still allowing normal function of the factory immobilizer anti-theft system.

> *WARNING!* *It is recommended that the 556H Immobilizer Bypass Module only be installed by an authorized Directed dealer. Attempting installation without the proper tools and training can result in damage to the vehicle electronics.*

Pre-Installation Test

> *IMPORTANT!* *Wire connections from the 555H to the Honda/Acura immobilizer wires should be done AFTER all remote start connections are completed and the following test is successful.*

After completing all remote start wiring connections, insert the vehicle key into the ignition switch. Do **NOT** turn the ignition on. Activate the remote start.

If the vehicle remote starts, proceed with the 556H installation. If the vehicle fails to start, check all ignition and tachometer connections and retest. Do **NOT** proceed with 556H installation until this test is successful.

A successful test verifies that all ignition and tachometer connections are correct. This will eliminate the remote start as the cause of a failure to start after completing the 556H installation.

Installation Instructions

1. Remove steering column shroud to gain access to the wire harnesses at the rear of the ignition switch.
2. Locate the appropriate wires exiting the ignition switch and immobilizer receiver. The wire colors are listed in the *Wire Color Guide.*
3. Wire the 556H as shown in the wiring diagram.

Wire Color Guide

GROUND	BLACK
(+) 12V BATTERY	RED
IGNITION IN	PINK
IGNITION OUT	PINK/BLACK
DATA	YELLOW/BLACK
DATA	YELLOW
N.C.	ORANGE
DATA 2 IN	ORANGE/BLACK
(-)GROUND IN	BLUE/WHITE
REFERENCE	GREEN

Wire Connection Guide

■ **BLACK:** Connect this wire to a quality chassis ground (preferably scraped sheet metal) separate from other component ground locations.

- **RED:** Connect this wire to a constant (+)12 volt source.
- **PINK:** Connect this wire to the Ignition output from the ECM.
- **PINK/BLACK:** Connect this wire to the Ignition input from the ignition switch.
- **YELLOW/BLACK:** For mode 1 Connect this wire to data wire that connects from the ECM to the Ignition switch, for mode 2 connect this wire to the Data wire from the Ignition switch.
- **YELLOW:** Connect this wire to the same data wire listed above for mode 1, for mode 2 connect this wire to the Data wire from the ECM.
- **ORANGE:** Not Connected
- **ORANGE/BLACK:** Not Connected for mode 1, for mode 2 this wire is connected to the Data 2 wire that connects the Ignition switch and the ECM.
- **BLUE/WHITE:** Connect this wire to the remote starter.
- **GREEN:** Connect this wire to pin 1 at the ignition switch.

Programming Instructions

1. Depress the programming button while inserting the wire harness into the connector.
2. Release the programming button once the LED illuminates.
3. Turn the ignition to the On position.
4. Ensure that the module is in the correct mode by counting the LED flashes (i.e. 1 flash = mode 1).
5. Press the program button to switch between modes 1 and 2.
6. Once the mode is selected, turn the ignition Off.
7. Turn the ignition back On and the LED will illuminate confirming that the module has been programmed.
8. Turn the Ignition Off, remove the key and initiate the remote start sequence.

NOTE: You must use the BLACK master key to complete the programming procedure.
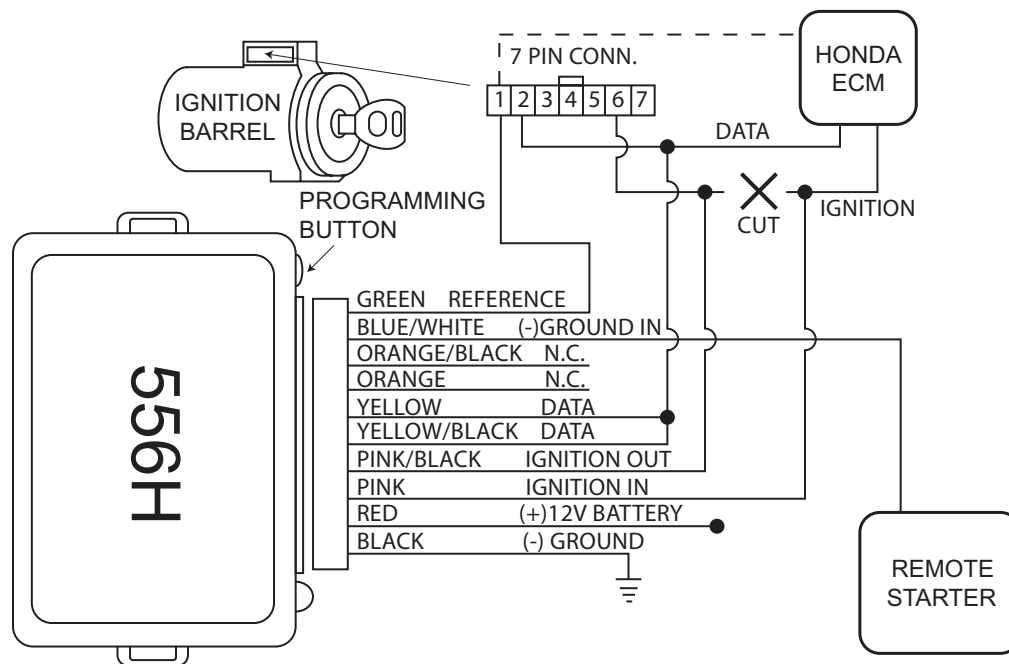
Troubleshooting

With Ignition On

1. LED flashing rapidly = module programmed, but not activated by input.
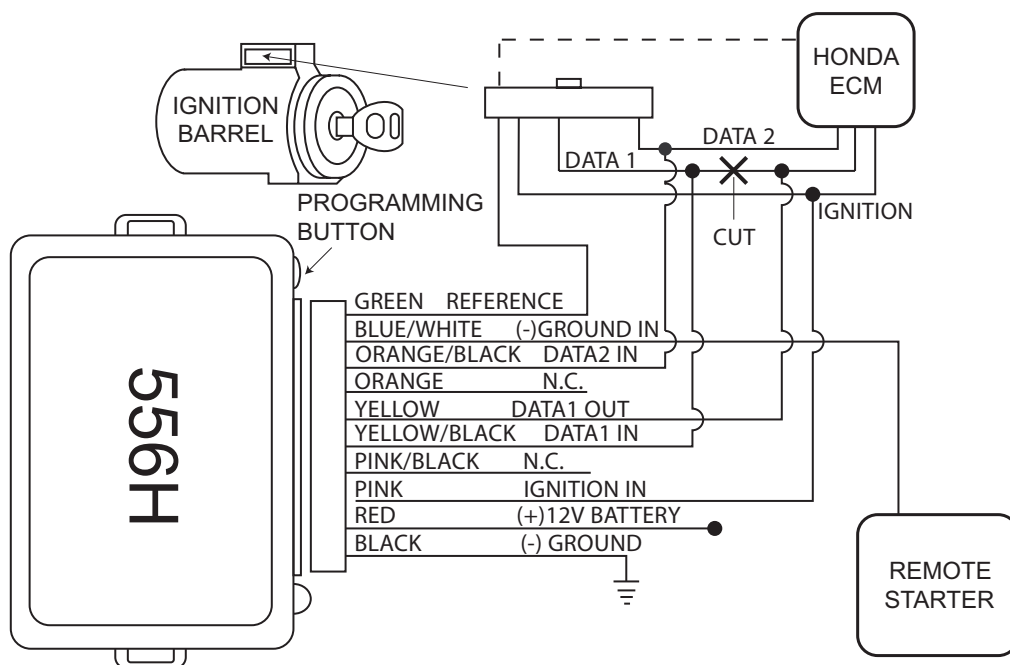2. LED On (constant) = module not programmed.

With Remote Start

1. LED On (constant) = activated by remote start in mode 1.
2. LED Off = activated by remote start in mode 2.

Mode 1 Wiring Diagram

VEHICLE (Mode 1)		
MAKE	MODEL	YEAR
HONDA	CIVIC	2001-2004
	CRV	2002-2004
	ACCORD	2003-2004
	ELEMENT	2003-2004
ACURA	1.7EL	2001-2004
	RSX	2002-2004
	TSX	2004
	TL	2004
	MDX	2003

WIRE COLOR						
	Pin#	Civic 1.7EL	CRV Element	Accord TSX	MDX	TL
Brown/Yellow (negative)	1	X	X	X	X	X
Red/Blue (data)	2	X		X		X
Red (data)	2				X	
White (data)	2		X			
Yellow/Black (ignition)	6	X	X			
Black/Yellow (ignition)	6			X		
Green/White (ignition)	6				X	
Black (ignition)	6					X

Mode 2 Wiring Diagram

IGNITION BARREL

PROGRAMMING BUTTON

HONDA ECM

DATA 1   DATA 2   IGNITION

CUT

556H

GREEN   REFERENCE
BLUE/WHITE   (-)GROUND IN
ORANGE/BLACK   DATA2 IN
ORANGE   N.C.
YELLOW   DATA1 OUT
YELLOW/BLACK   DATA1 IN
PINK/BLACK   N.C.
PINK   IGNITION IN
RED   (+)12V BATTERY
BLACK   (-) GROUND

REMOTE STARTER

VEHICLE (Mode 2)		
MAKE	MODEL	YEAR
HONDA	ODYSSEY CRV ACCORD PILOT	1999-2003 1998-2001 1998-2002 2003
ACURA	1.6EL INTEGRA CL TL MDX	1998-2001 2000-2004 1998-2003 1998-2003 2001-2002

WIRE COLOR					
	Odyssey MDX	Pilot	Accord CL & TL		
Brown/Black (negative)	X		X		
Brown/Yellow (negative)		X	X		
Blue/Green (data 1)	X				
Red (data 1)		X	X		
Orange/Blue (data 2)	X				
Blue (data 2)			X		
Yellow/Black (ignition)	X	X	X		