

# 555D Honda Prelude Immobilizer Bypass Module

## Models

- Honda Prelude 1997-2002

## Product Description

The Honda Prelude 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 555D uses a unique automatic 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 555D Honda Prelude Immobilizer Bypass Module integrates into the wiring for the Honda Prelude 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 555D 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 555D to the Honda Prelude 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. Use the remote transmitter to activate the remote start.

If the vehicle remote starts, proceed with the 555D installation. If the vehicle fails to start, check all ignition and tachometer connections and retest. Do **NOT** proceed with 555D installation until this test is successful.

A successful test verifies that all ignition and tachometer connec-

tions are correct. This will eliminate the remote start as the cause of a failure to start after completing the 555D 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 wiring color guide.
3. Wire the 555D as shown in the wiring diagram.

## Wire Color Guide

DATA	BROWN/YELLOW
KEY SENSE	BLUE/WHITE
IGNITION FEED	YELLOW/BLACK

## Wire Connection Guide

- **RED:** Connect this wire to a constant (+)12 volt source.
- **BLACK:** Connect this wire to a quality chassis ground. Preferably scraped sheet metal (Do not use the steering column) separate from other component ground locations.
- **BLUE:** Connect this wire to the BLUE status output of Directed's remote start. It must see ground during remote start.
- **GREEN:** Connect this wire to the (-) key sense wire listed in the Wire Color Guide. It is located in a six-pin molex at the ignition cylinder. The key sense wire switches to ground when the key is inserted into the ignition switch and the chime sounds.

Locate the ten-pin Molex plug located to the rear and above the key cylinder for the following connections:

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Connections are to be made at the base of the steering column in a black module with the plug side towards the floor. You can trace the wire by following the harness from the key cylinder to the module.

**IMPORTANT!** Signals on the immobilizer wires are Data, not voltage. They can't be tested with conventional test equipment. All connections should be made using solder and tape to avoid any signal loss due to resistance in the connections. Quick connects are not acceptable.

- **YELLOW/BLACK and YELLOW:** Connect these wires to the Data wire listed in the *Wire Color Guide*.
- **BROWN:** Connect to the gray wire of the Immobilizer Control Unit.
- **PINK:** Locate the Immobilizer Ignition Feed wire listed in the *Wire Color Guide* and cut it. Connect this wire to the end of the Immobilizer Ignition Feed wire that is going away from the key cylinder (car side).
- **PINK/WHITE:** Connect this wire to the end of the Immobilizer Ignition Feed wire that goes toward the key cylinder (key side).
- **ORANGE:** Connect to the light blue wire of the Immobilizer Control Unit.

## Programming Instructions

1. Insert the vehicle key into the ignition cylinder. DO NOT turn it on.
2. Activate the remote start with the remote transmitter. When

the vehicle starts the 555D LED will flash, indicating that the key code has been captured into temporary memory.

**NOTE:** Sometimes the Honda keys will not learn. If the key being used doesn't learn, repeat steps one and two using one of the customer's spare or valet keys.

3. Without removing or turning the ignition key, use the remote transmitter to de-activate the remote start.
4. Remove the ignition key **within 15 seconds**. The LED will illuminate for 3-seconds to confirm storage of the key code.
5. Use the remote transmitter to activate remote start without the key in the ignition. The LED should illuminate for 1-second to confirm transmission of the stored key code. A successful start indicates that the module has completed the programming sequence.
6. Test the Remote Start "Key Takeover" and "Valet Key Takeover" features while verifying that the factory "Security Light" does remain illuminated continuously while ignition power is present.

**NOTE:** If the proper LED confirmation is not received at any point during this programming procedure, verify all wiring and repeat this procedure from step 1.

**TIP:** If a remote start is attempted without first programming the module, the LED will illuminate continuously.

