

Section I – Installation Procedure



A. Pre-Installation Suggestions

1. It is advisable to disconnect the negative battery cable for 3 minutes before beginning installation, to avoid unintended air bag deployment. Note and record any anti-theft radio codes prior to disconnecting. **Figure 1**
2. Remove the driver side fuse panel cover.



B. Install Electronic Modules

1. There are two electronic modules. The larger one is the **Cruise Control Module** and the smaller one is the **Switch Interface Module**.
2. Apply the larger supplied piece of double-sided adhesive tape to the Cruise Control Module, and the smaller piece of double-sided tape to the Switch Interface Module.
3. Assemble 20-pin connector from **Main Wiring Harness** onto mating connector of Cruise Control Module. Apply the 10 and 4 pin connectors from **Pedal Interface Harness** to mating connector on Switch Interface Module. **Figure 2**



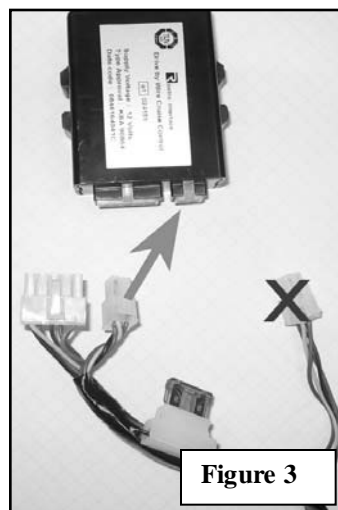
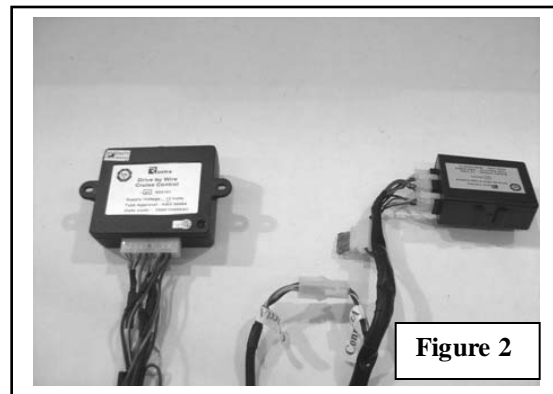
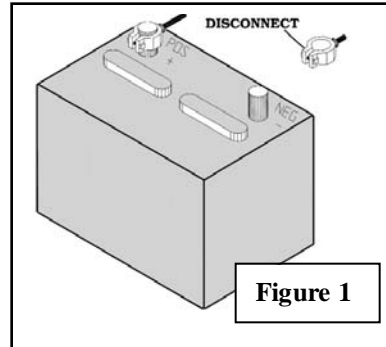
Warning: Be sure to use the 4 pin connector that is on the same side of the wire harness fuse as the 10 pin connector. **Failure to do so could damage vehicle's ECM.** See the picture insert in **Figure 3** for further guidance.

4. Locate the linked harness between the Cruise Control and Switch Interface Modules. Connect the four pin mating connectors.
5. Place the Cruise Control Module and the Switch Interface Module in a secure location behind the driver side dash area.
6. Route the **Pedal Interface Harness** through steering column and down to the accelerator.

M/T Vehicles Require Clutch Switch #250-4206

Kit Contents/Service Parts of:

Item #	Qty	Description
1. 250-2740	1	Cruise Control Module
2. 250-2741	1	Switch Interface Module
3. 250-2742	1	Main Wiring Harness
4. 250-2743	1	Pedal Interface Harness
5. 250-2744	1	Hardware Kit
6. 250-2745	1	Control Switch



7. Locate the 6 pin **plug and mate connectors** on the Pedal Interface Harness. Remove the accelerator 6-pin connector and apply to mating connector of Pedal Interface Harness. Apply the other connector to the accelerator.
Figure 4



C. Wiring Connections

1. Use the supplied self-stripping connectors (T-taps) from hardware pack to apply a T-tap onto the following J/B wires:

Function	See Fig.	Vehicle Color
IGN	5	YELLOW/BLUE
BRAKE +	6	WHITE/GREEN
BRAKE -	6	WHITE/BLACK
GROUND	7	BLACK
A/T	8	VIOLET
M/T VSS	10	WHITE/GREEN
NSS for A/T	11	RED/BLACK
CLUTCH SWITCH	12	WHITE/BLACK

2. Use the following wires from the Main Harness to connect to vehicle T-tapped wire:

Function	Cruise Harness Color	Vehicle T-Tap Wire
IGN	ORANGE	YELLOW/BLUE
BRAKE +	BROWN	WHITE/GREEN
BRAKE -	BROWN/WHITE	WHITE/BLACK
VSS	BLUE	VIOLET/WHITE
GROUND	GREEN	BLACK
NSS for A/T	VIOLET	RED/BLACK
CLUTCH SWITCH	VIOLET	WHITE/BLACK
TACH	YELLOW	NOT USED

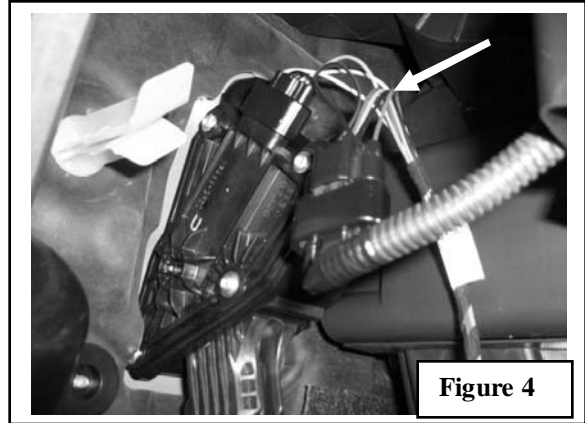


Figure 4

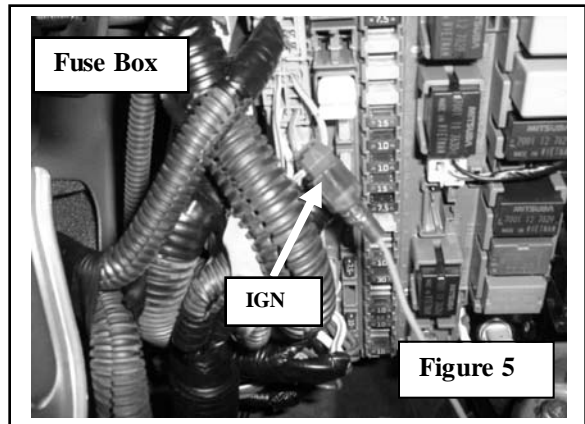


Figure 5

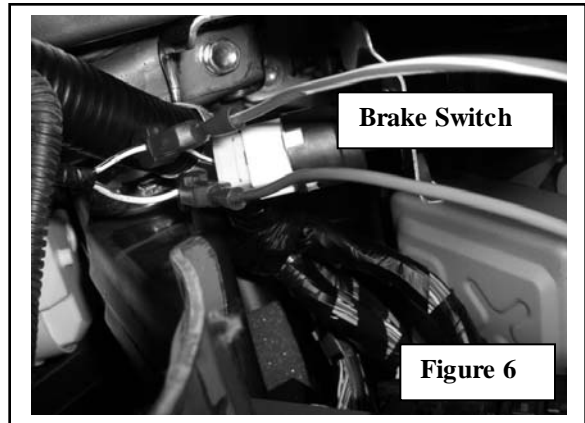


Figure 6

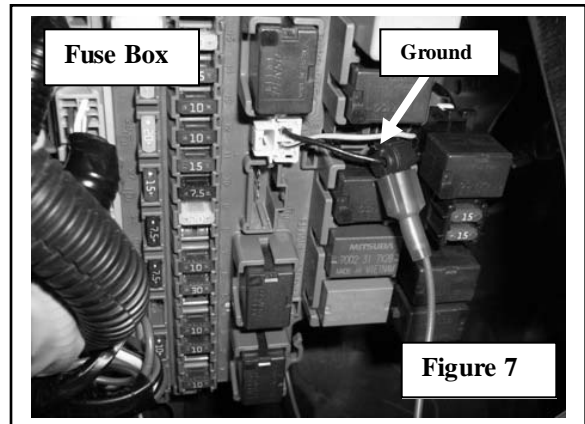
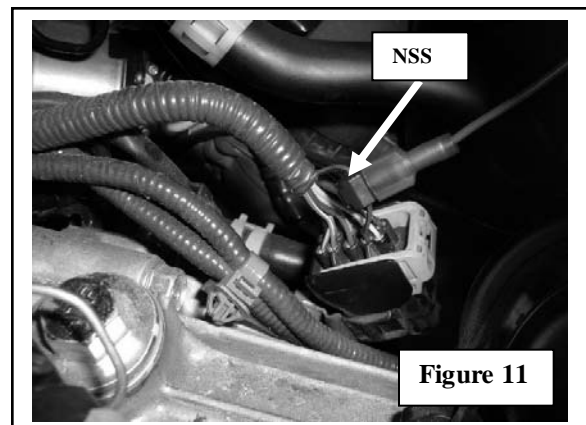
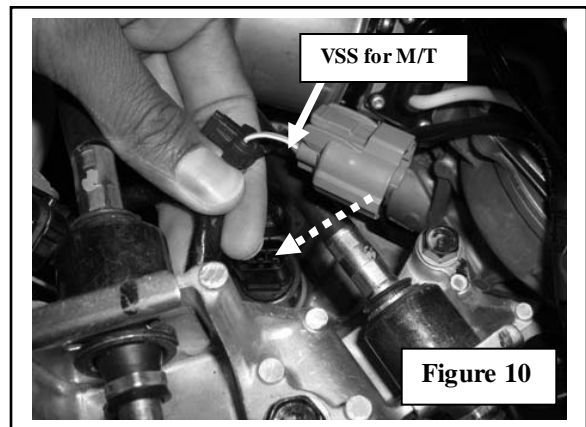
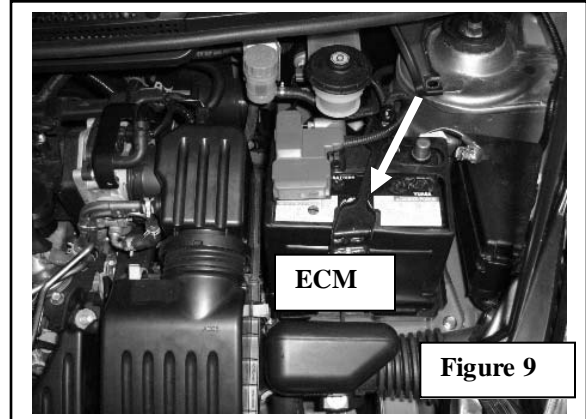
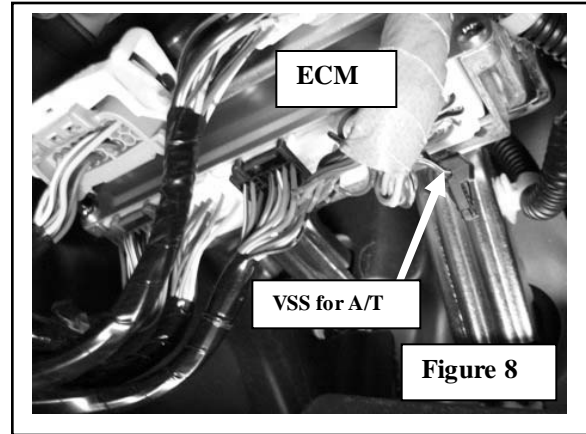


Figure 7

3. **Automatic Transmission VSS:** Locate the ECM behind glove box. Connect the **Blue Wire** from the Main Wiring Harness to the **Violet/White Wire (VSS)** of the first white connector at the ECM. **Figure 8.**
4. **Manual Transmission VSS:** Remove battery. **Figure 9.** Route the blue wire from the Main Wiring Harness through the grommet on the fire wall. Locate the three wire gray connector on the top of the transmission. Connect the **Blue Wire** from the Main Wiring harness to the **White/Green Wire (VSS)**. **Figure 10.**
5. **NSS for Automatic Transmissions:** Remove battery. Locate 10-pin **Gray Connector** above transmission and behind removed battery. Use the supplied red t-tap to connect the **Violet Wire** from the Main Wiring Harness to the **Red/Black Wire** in connector. **Figure 11**

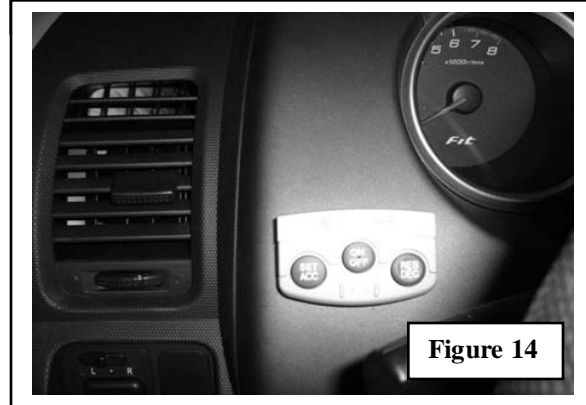
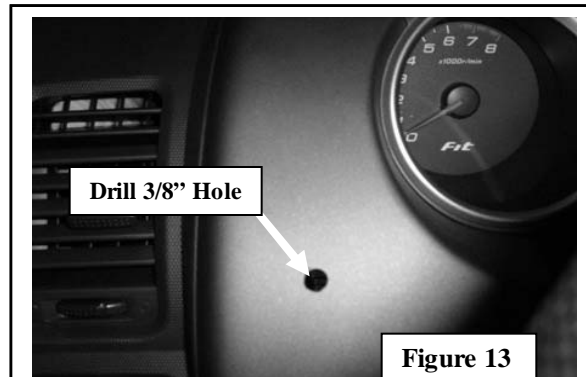
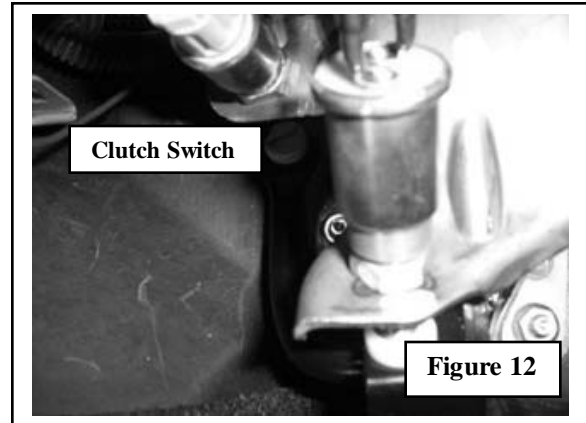


6. **Clutch Switch for Manual Transmissions:**
Install clutch switch **Part# 250-4206. Figure 12.** Connect one of the two **Violet Wires** from the clutch switch to the **Violet Wire (NSS)** from the Cruise Control Module harness. Connect the other violet wire to the **White/Black Wire** (brake negative) of brake switch.
7. **Apply the supplied weather sealant to the connections in the engine compartment.** Be sure all of connection is sealed properly.
8. Secure Cruise Control and Switch Interface Module harnesses with zip ties away from moving parts.



D. Install Control Switch

1. Drill a **3/8"** hole on the driver side dash in the area as shown in **Figure 13.**
2. Use the supplied gray double-sided tape in kit and apply to the back of switch.
3. Route the switch harness through hole and mount the switch on the dash covering the previously drilled hole. **Figure 14**
4. Assemble 8-pin connector from the sack parts to the mating wire colors on the Control switch harness.
5. Connect the assembled Control Switch harness to the mating connector from the Cruise Control harness.



E. Testing



1. Reconnect negative battery cable and torque to 35 ft*lbs. Reenter anti-theft radio codes.
2. Turn ignition on. Apply the on/off button of Cruise Control Switch.

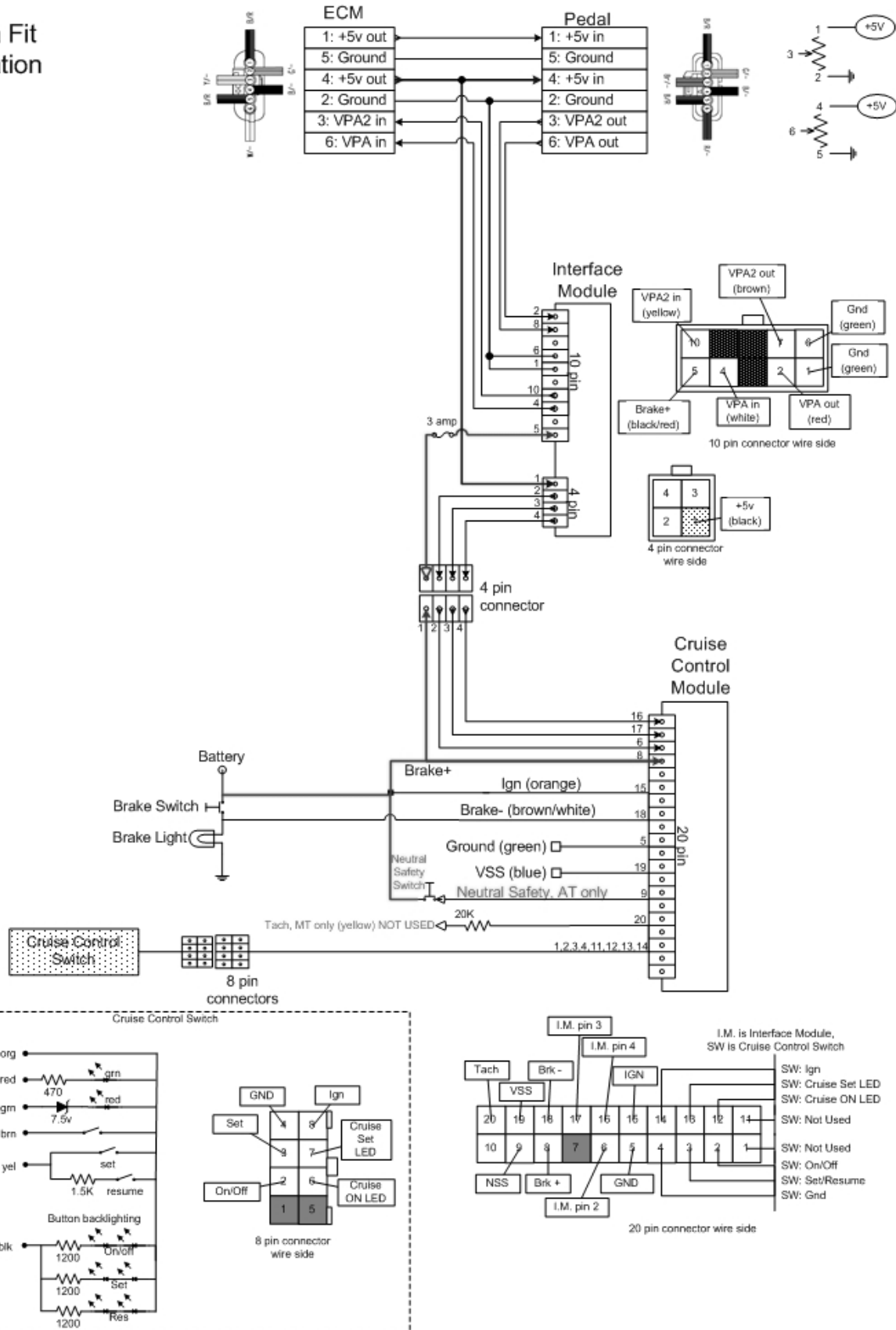
F. Reassembly



1. Reinstall all removed pieces taking care to ensure harnesses and wiring connections are properly secured.
2. Make sure all harnesses are not pinched or bound by trim pieces.

Section II – Wiring Diagram

Honda Fit application





ROSTRA.COM