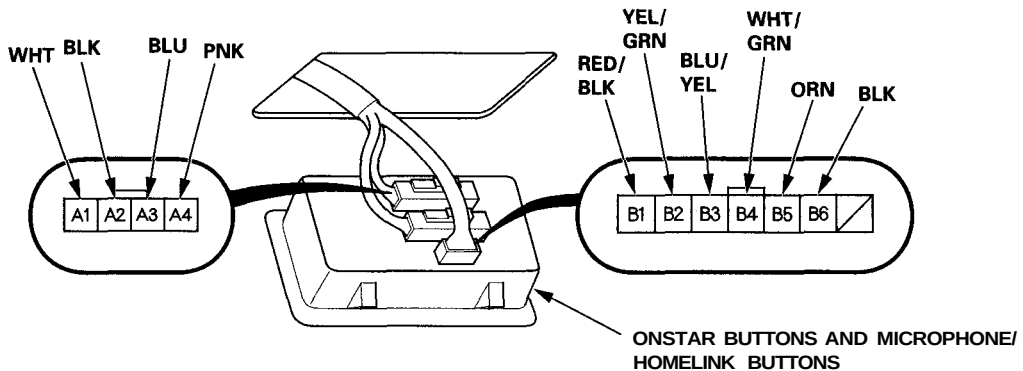


OnStar System

OnStar Buttons and Microphone Input Test

'03 Model

1. Pry off the OnStar buttons and microphone/homelink buttons.
 2. Inspect the connector and socket terminals to be sure they are all making good contact.
 - If the terminals are bent, loose or corroded, repair them as necessary, and recheck the system.
 - If the terminals look OK, make the following input tests at the connector.
 - If any test indicates a problem, find and correct the cause, then recheck the system.
 - If all the input tests prove OK, the switches and microphone must be faulty; replace it.
- A3 and A4 terminals are microphone lines for navigation system.



Cavity	Wire	Test condition	Test: Desired result	Possible cause if result is not obtained
A1	WHT	Ignition switch in ACC (II) OnStar "DOT" button pushed. Speak into the microphone.	Check for voltage to ground: There should be 4V.	• An open in the wire
A2	BLK	Under all conditions	Check for continuity go ground: There should be continuity.	• An open in the wire
B1	RED/BLK	Under all conditions	Check for voltage to ground: There should be battery voltage.	• An open in the wire
B2	YEL/GRN	Ignition switch in ACC (II)	Check for voltage to ground: "DOT" button pushed: 280 mV. "OnStar" button pushed: 1 V. "Emergency" button pushed: 1.7 V.	• An open in the wire
B3	BLU/YEL	Ignition switch in ACC (II)	Check for voltage to ground: There should be about 8 V.	• An open in the wire
B4	WHT/GRN	Ignition switch in ACC (II)	Check for voltage to ground: There should be about 8 V.	• An open in the wire
B5	ORN	With the ignition switch OFF, press and hold the "DOT" button. Turn the ignition switch from OFF to ACC three times and back to ACC, then release the "DOT" button.	Check for voltage to ground: There should be about 4 V.	• An open in the wire
B6	BLK	Under all condition	Check for continuity go ground: There should be continuity.	• An open in the wire • Poor ground (G401)