Pinpoint Tests

PINPOINT TEST A: ALARM SYSTEM DOES NOT ARM PROPERLY

A1 CHECK CIRCUIT 24 (DB/O) FOR SHORT TO B+

- · Start vehicle; then turn ignition switch to OFF.
- Disconnect anti-theft alarm control module.
- · Close all vehicle doors.
- Connect a voltmeter between anti-theft control module connector Pin C2-14 and C2-26.

Is reading greater than 9 volts?

| Yes | No |
|-------------------|--|
| GO to <u>A2</u> . | Circuit 24 (DB/O) and courtesy lamp switches OK. GO to A3. |

A2 VERIFY COURTESY LAMP SWITCH FOR SHORT TO B+

- Disconnect driver and passenger courtesy lamp switches located in door jamb area that mates to the A pillar.
- Connect a voltmeter between anti-theft control module connector Pin C2-14 and C2-26.

Is reading greater than 9 volts?

| Yes | No |
|---|--|
| SERVICE Circuit 24 (DB/O) for short to B+. RETEST system. | SERVICE courtesy lamp switch(es). RETEST system. |

A3 CHECK CIRCUIT 25 (W/P)/DOOR LOCK CYLINDER SWITCH FOR SHORT TO GROUND

- Disconnect anti-theft alarm control module.
- Connect an ohmmeter between anti-theft control module connector Pin C1-6 and C2-26.

Is reading less than 100 ohms?

| Yes | No |
|--------------|---|
| 1(a() 1() A4 | Circuit 25 (DG/P) and door lock cylinder switches OK. GO to A6. |

A4 VERIFY CIRCUIT 25 (W/P)/DOOR LOCK CYLINDER SWITCH FOR SHORT TO GROUND

- Disconnect driver and passenger door lock cylinder switches.
- Connect an ohmmeter between anti-theft control module connector Pin C1-6 and C2-26.

Is reading less than 100 ohms?

| Yes | No |
|---|-------------------|
| SERVICE Circuit 25 (DG/P) for short to ground. RETEST system. | GO to <u>A5</u> . |

A5 CHECK DOOR LOCK CYLINDER SWITCH FOR SHORT TO GROUND

- Connect ohmmeter across driver door lock cylinder switch connector terminals. Verify result.
- Repeat procedure for passenger door lock cylinder switch.

Is reading less than 100 ohms?

| Yes | No |
|---|-------------------|
| REPLACE damaged door lock cylinder switch. RETEST system. | GO to <u>A6</u> . |

A6 CHECK CIRCUIT 117 (PK/BK), CIRCUIT 118 (PK/O), CIRCUIT 163 (R/O) AND CIRCUIT 296 (W/P) FOR SHORT TO BATTERY

- Disconnect anti-theft alarm control module and remote keyless entry module.
- · Turn ignition switch to OFF.
- Connect a voltmeter between anti-theft control module Pin C2-8, Circuit 163 (R/O) to Pin C2-26. Take reading.
- Repeat procedure for anti-theft control module connector Pins C1-7, Circuit 118 (PK/O), C2-9, Circuit 117 (PK/BK), C1-4, Circuit 296 (W/P).

Are all readings less than 2 volts?

| Yes | No |
|---|---|
| Circuits 117 (PK/BK), 118)PK/O), 163 (R/O) and 296 (W/P) OK; GO to <u>A7</u> . | SERVICE Circuits 117 (PK/BK), 118 (PK/O), 163 (R/O), 296 (W/P) as required for short to battery. RETEST system. |

A7 CHECK CIRCUIT 117 (PK/BK), CIRCUIT 118 (PK/O), CIRCUIT 163 (R/O) FOR OPEN CIRCUIT

- Disconnect anti-theft alarm control module and remote keyless entry module.
- · Turn ignition switch to OFF.
- Connect a jumper from remote keyless entry module connector Pins C3-16, C3-3 and C3-6 to ground.
- Connect an ohmmeter between anti-theft control module connector Pin C2-9 Circuit 117 (PK/BK) to C2-26 Circuit 359 (GY/R). Take reading.
- Repeat measurement for anti-theft control module connector Pin C1-7, Circuit 118 (PK/O), and Pin C2-8, Circuit 163 (R/O).
- · Remove jumper clips.

Are all readings less than 100 ohms?

| Yes | No |
|-----|--|
| | SERVICE suspect Circuits 117 (PK/BK), 118 (PK/O), 163 (R/O) as required for open circuit condition. RETEST system. |

A8 CHECK CIRCUIT 117 (PK/BK), 118 (PK/O), 163 (R/O) FOR SHORT TO GROUND

- Disconnect anti-theft alarm control module and remote keyless entry module.
- Connect an ohmmeter from anti-theft control module connector Pin C1-7, Circuit 118 (PK/O) to C2-26. Take a reading.
- Repeat procedure for anti-theft alarm control module connector Pin C2-8, Circuit 163 (R/O), and Pin C2-9, Circuit 117 (PK/BK).

Are readings less than 100 ohms?

| Yes | No |
|---|--|
| SERVICE Circuits 117 (PK/BK), 118 (PK/O), 163 (R/O) as required for short to ground. RETEST system. | Circuit 117 (PK/BK), 118 (PK/O), 163 (R/O) OK; GO to A9. |

A9 CHECK CIRCUIT 196 (DB/O)/IN-LINE FUSE FOR OPEN CIRCUIT

- Disconnect anti-theft alarm control module and remote keyless entry module.
- Connect an ohmmeter from anti-theft control module connector Pin C1-1 to C2-26.

Is reading greater than 9 volts?

| Yes | No |
|---|--------------------|
| Circuits 196 (DB/O)/In-Line Fuse (20A) OK; GO to A11. | GO to <u>A10</u> . |

A10 CHECK IN-LINE FUSE (20A) NOT OPEN CIRCUIT

• Remove in-line Fuse (20A) from fuse junction panel.

Is fuse blown?

| Yes | No |
|--|---|
| TREPLACE INJUNA FUGA COLAL RETEST GOGIAM | SERVICE Circuit 196 (DB/O) for open circuit condition. RETEST system. |

A11 CHECK REMOTE KEYLESS ENTRY ARMING (LOCK) PULSE

- Reconnect anti-theft alarm control module and remote keyless entry module.
- Using a voltmeter, verify anti-theft alarm control module connector Pin C1-7, Circuit 118 (PK/O) is less than 2 volts and a momentary B+ signal is present at anti-theft alarm control module connector Pin C2-9, Circuit 117 (PK/BK) when the doors are locked via the keyless entry lock code (7/8 and 9/0) or the remote transmitter LOCK button.

Is voltage less than 2 volts on Pin C1-7, Circuit 118 (PK/O) and is momentary B+ present on Pin C2-9, Circuit 117 (PK/BK)?

| Yes | No |
|---|--------------------|
| REPLACE anti-theft alarm control module. RETEST system. | GO to <u>A12</u> . |

A12 VERIFY REMOTE KEYLESS ENTRY ARMING (LOCK) PULSE

- Disconnect anti-theft alarm control module connectors.
- Using a voltmeter, verify anti-theft alarm control module connector Pin C1-7, Circuit 118 (PK/O) is less than 2 volts and a
 momentary B+ signal is present at anti-theft alarm control module Pin C2-9, Circuit 117 (PK/BK) when the doors are locked via
 the remote transmitter LOCK button.

Is voltage less than 2 volts on Pin C1-7, Circuit 118 (PK/O) and is momentary B+ present on Pin C2-9, Circuit 117 (PK/BK)?

| Yes | No |
|-----|--|
| | SERVICE keyless entry system and/or keyless entry remote transmitter. RETEST system. |

PINPOINT TEST B: ALARM SYSTEM DOES NOT DISARM PROPERLY

B1 CHECK CIRCUIT 163 (R/O) AND 118 (PK/O) FOR OPEN CIRCUIT

- Start vehicle then turn ignition switch to OFF.
- Disconnect anti-theft alarm control module and remote keyless entry module.
- Turn ignition switch to OFF.
- Connect a jumper from remote keyless entry module connector Pins C3-3 and C3-6 to ground.
- Connect an ohmmeter between anti-theft control module connectors Pin C2-8, Circuit 163 (R/O) to C2-26. Take resistance reading.
- Repeat procedure for anti-theft control module connector Pin C1-7, Circuit 118 (PK/O) to C2-26.
- Remove jumper clips.

Are both readings less than 100 ohms?

| Yes | No |
|---|--|
| TURCING INSTRUMENT AND TISTER/UNION GUID BY | SERVICE Circuit 163 (R/O) or 118 (PK/O) as required for open circuit condition. RETEST system. |

B2 CHECK CIRCUIT 296 (W/P)/FOR OPEN CIRCUIT

- Disconnect anti-theft alarm control module and remote keyless entry module.
- Turn ignition switch to RUN.
- Connect a voltmeter from anti-theft control module connector Pin C1-4 to Pin C2-26.

Is reading greater than 9 volts?

| Yes | No |
|--|-------------------|
| Circuit 296 (W/P)/Fuse 5 (10A) OK. GO to B4 . | GO to <u>B3</u> . |

B3 VERIFY FUSE 5 (10A) FOR OPEN

- Remove Fuse 5 (10A) from fuse junction panel.
- Inspect fuse.

Is fuse blown?

| Yes | No |
|--------------------------------------|--|
| TREPLACE FUSE 5 (1014) RETEST SYSTEM | SERVICE Circuit 296 (W/P) for open circuit condition. RETEST system. |

B4 CHECK DOOR LOCK CYLINDER SWITCHES/CIRCUIT 25 (DG/P) FOR OPEN CIRCUIT

- Disconnect anti-theft alarm control module.
- Connect remote keyless entry module.
- Unlock driver door with key, leaving key in cylinder rotated to UNLOCK position.
- Connect an ohmmeter between anti-theft control module connector Pin C1-6 and C2-26. Take reading.
- Repeat procedure for passenger door.

Are both readings less than 100 ohms?

| Yes | No |
|-----|----|
| | |

| Circuit 25 (DG/P) and door lock cylinder switches OK. GO to B6. | GO to <u>B5</u> . |
|---|-------------------|
|---|-------------------|

B5 VERIFY DOOR LOCK CYLINDER SWITCHES/CIRCUIT 25 (DG/P) FOR OPEN CIRCUIT

- Disconnect driver door lock cylinder switch.
- Connect ohmmeter across door lock cylinder switch connector terminals.
- · Using key, rotate switch mechanism to UNLOCK position. Verify result.
- Repeat procedure for passenger door lock cylinder switch.

With key turned to UNLOCK, does switch show short circuit and with key turned to LOCK/key out of cylinder show open circuit?

| Yes | No |
|-------|--|
| · ' ' | REPLACE damaged door lock cylinder switch/switches. RETEST system. |

B6 CHECK REMOTE KEYLESS ENTRY DISARMING PULSE

- Reconnect anti-theft alarm control module and remote keyless entry module.
- Using a voltmeter, verify anti-theft alarm control module connector Pin C2-9, Circuit 117 (PK/BK) is less than 2 volts and a momentary B+ signal is present at anti-theft alarm control module connector Pin C2-8, Circuit 163 (R/O) when the door is unlocked via the keyless entry unlock code or the remote transmitter UNLOCK button.

Is voltage less than 2 volts on Pin C2-9, Circuit 117 (PK/BK) and is momentary B+ present on Pln C2-8, Circuit 163 (R/O)?

| Yes | No |
|---|-------------------|
| REPLACE anti-theft alarm control module. RETEST system. | GO to <u>B7</u> . |

B7 VERIFY REMOTE KEYLESS ENTRY DISARMING (UNLOCK) PULSE

- Disconnect anti-theft alarm control module.
- Verify anti-theft alarm control module connector Pin C2-9, Circuit 117 (PK/BK) is less than 2 volts and a momentary B+ signal
 is present at anti-theft alarm control module connector Pin C2-8, Circuit 163 (R/O) when the door is unlocked via the keyless
 entry unlock code or the remote transmitter UNLOCK button.

Is voltage less than 2 volts on Pin C2-9, Circuit 117 (PK/BK) and is momentary B+ present on Pin C2-8, Circuit 163 (R/O)?

| Yes | No |
|-----|--|
| | SERVICE keyless entry system and/or keyless entry remote transmitter. RETEST system. |

PINPOINT TEST C: ALARM SYSTEM DOES NOT ACTIVATE PROPERLY

C1 CHECK CIRCUIT 23 (T/LG)/HOOD/LUGGAGE COMPARTMENT SWITCH NOT OPEN CIRCUIT

- · Start vehicle then turn ignition switch to OFF.
- Disconnect anti-theft alarm control module.
- Open hood.
- Connect ohmmeter between anti-theft alarm control module connector Pin C1-5 and C2-26. Take reading.

Is reading less than 100 ohms?

| Yes | No |
|--|-----------|
| Circuit 23 (T/LG) and hood anti-theft control switch OK. GO to C3. | GO to C2. |

C2 CHECK HOOD SWITCH FOR OPEN CIRCUIT

- · Open hood.
- · Disconnect hood switch.
- · Connect ohmmeter between hood switch connector terminals.
- · Depress and then release plunger.

Is reading greater than 100 ohms when plunger is depressed and less than 100 ohms when plunger is released?

| Yes | No |
|---------|--|
| · , , . | REPLACE damaged hood anti-theft control switch. RETEST system. |

C3 CHECK CIRCUIT 24 (DB/O)/DOOR OPEN WARNING LAMP SWITCH FOR OPEN CIRCUIT

- Reconnect anti-theft alarm control module.
- Open driver door only.
- Connect voltmeter between anti-theft alarm control module connector Pins C2-14 and C2-26. Verify result.
- Close driver door and open passenger door.
- · Repeat measurement.

Are readings greater than 9 volts?

| Yes | No |
|--|-----------|
| Circuit 24 (DB/O)/courtesy lamp switches OK. GO to <u>C5</u> . | GO to C4. |

C4 CHECK CIRCUIT 24 (DB/O)/COURTESY LAMP SWITCH FOR OPEN CIRCUIT

- Disconnect driver courtesy lamp switch located in the door jamb area that mates to the A pillar.
- Connect a jumper between the wiring harness terminals.
- Connect a voltmeter between anti-theft alarm control module connector Pins C2-14 and C2-26. Verify result.
- Repeat for passenger side courtesy lamp switch.

Are readings greater than 9 volts?

| Yes | No |
|---|--|
| I SERVILLE COURTESV Jamp SWITCHES BELLES I SVSTEM | SERVICE Circuit 24 (DB/O) for open circuit condition. RETEST system. |

C5 VERIFY ALARM SOUNDS WHEN TRIGGERED

- · Arm alarm system with window down.
- · Open door using inside door handle.

Does system trigger/sound?

| Yes | No |
|-----|----|
| | |

| REPLACE damaged anti-theft alarm control module only. If sections C1-C4 have been performed, RETEST system. |
|---|
| l ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' |

PINPOINT TEST D: ENGINE WILL NOT CRANK

NOTE: On 4.6L vehicles, there is also a Passive Vehicle Protection system (refer to Section 13-11B).

On 4.6L vehicles, if the vehicle cranks for 1 second and then stalls, refer to Section 13-11B for no start condition.

The anti-theft alarm control system described in this Section cuts ALL power to the starter relay. Pinpoint Test D below is only for if the vehicle does not crank at all.

D1 RESET ALARM

- Arm then disarm system.
- · Turn ignition switch to START.

Does vehicle start?

| Yes | No |
|------------|-------------------|
| System OK. | GO to <u>D2</u> . |

D2 CHECK STARTER INTERRUPT RELAY FUNCTIONALITY

- · Turn ignition switch to OFF.
- Disconnect anti-theft alarm control module.
- Connect a jumper between anti-theft alarm module connector Pins C2-12 and C2-24.

Does vehicle start?

| Yes | No |
|---|-----------|
| REPLACE anti-theft alarm control module only if answer to D1 is NO. RETEST system. | GO to D3. |

D3 CHECK CIRCUIT 33 (W/PK) FOR OPEN CIRCUIT

- · Turn ignition switch to OFF.
- Connect voltmeter between anti-theft alarm control module connector Pins C2-12 and C2-26.

Is reading greater than 9 volts?

| Yes | No |
|----------------------------------|---|
| GO to <u>D4</u> . RETEST system. | SERVICE open in Circuit 33 (W/PK). RETEST system. |

D4 CHECK CIRCUIT 32 (R/LB) FOR OPEN CIRCUIT

- Turn ignition switch to OFF.
- Connect a jumper between anti-theft alarm control module connector Pins C2-12 and C2-24.
- Connect voltmeter across starter motor solenoid terminals.
- · Turn ignition switch to START.

Is reading greater than 9 volts?

| Yes | No |
|---|--|
| I SERVILLE GIARIAR MOTOR SOLANOID RELEST SVSTAM | SERVICE Circuit 32 (R/LB) for open circuit condition. RETEST system. |

PINPOINT TEST E: ALARM INDICATOR IS ON ALL THE TIME

NOTE: On 4.6L vehicles, the theft indicator light is shared by the anti-theft alarm (<u>Section 13-11A</u>) and the passive vehicle protection system (Refer to <u>Section 13-11B</u>).

THIS ANTI-THEFT ALARM SYSTEM (13-11A) USES THE THEFT INDICATOR WHEN THE KEY IS "OFF" OR REMOVED FROM THE IGNITION. THE PASSIVE VEHICLE PROTECTION SYSTEM (13-11B) ONLY USES THE THEFT INDICATOR WHEN THE KEY IS TURNED TO THE RUN/START POSITION.

E1 RESET ALARM

- · Take key out of the ignition.
- Close all doors and unlock vehicle (not armed).

Is alarm indicator lamp flashing continuously?

| Yes | No |
|-------------------|-------------------|
| GO to <u>E3</u> . | GO to <u>E2</u> . |

E2 CHECK CIRCUIT 343 (DB/LG) FOR SHORT TO GROUND

- All doors closed and vehicle unlocked (not armed).
- Key is out of the ignition.

Is alarm indicator lamp on solid continuously?

| Yes | No |
|-------------------|------------|
| GO to <u>E5</u> . | System OK. |

E3 CHECK CIRCUIT 24 (DB/O) FOR SHORT TO GROUND

- Disconnect anti-theft alarm control module.
- Close all doors.
- Connect voltmeter between anti-theft alarm control module connector Pins C2-14 and C2-26.

Is reading greater than 9 volts?

| Yes | No |
|-----|--|
| | REPLACE damaged anti-theft alarm control module. RETEST system. |

E4 CHECK CIRCUIT 24 (DB/O)/COURTESY LAMP SWITCH(ES) FOR SHORT TO B+

- Disconnect driver and passenger courtesy lamp switches located in door jamb area that mates to the A pillar.
- Connect a voltmeter between anti-theft control module connector Pins C2-14 and C2-26.

Is reading greater than 9 volts?

| Yes | No |
|---|--|
| SERVICE Circuit 24 (DB/O) for short to B+. RETEST system. | SERVICE courtesy lamp switch(es). RETEST system. |

E5 CHECK CIRCUIT 343 (DB/LG) FOR SHORT TO GROUND

· Disconnect anti-theft alarm control module.

Does alarm indicator lamp extinguish?

| Yes | No |
|---|---|
| REPLACE anti-theft alarm control module. RETEST system. | SERVICE Circuit 343 (DB/LG) for short to ground. RETEST system. |

PINPOINT TEST F: ALARM INDICATOR DOES NOT TURN ON TO INDICATE ARMING

F1 CHECK ALARM INDICATOR LAMP POWER/CONTINUITY

- Start vehicle and then turn ignition switch to OFF.
- Disconnect anti-theft alarm control module.
- Connect jumper between anti-theft alarm control module connector Pin C1-15 and Pin C2-26.

Does alarm indicator lamp come on?

| Yes | No |
|--|-------------------|
| REPLACE anti-theft alarm control. RETEST system. | GO to <u>F2</u> . |

F2 VERIFY CIRCUIT 343 (DB/LG)/54 (LG/Y)/INT LPS FUSE (15A) NOT OPEN CIRCUIT

- Remove INT LPS Fuse (15A) from fuse junction panel and alarm indicator bulb from socket assembly in instrument cluster.
- Using an ohmmeter, measure resistance of fuse then alarm indicator lamp.

Are readings less than 100 ohms?

| Yes | No |
|-----|--|
| | REPLACE INT LPS Fuse (15A) and/or alarm indicator lamp as required. RETEST system. |

PINPOINT TEST G: HORN, HEADLAMPS/EXTERIOR LAMPS ON ALL THE TIME

G1 HORN ON ALL THE TIME

· Disconnect anti-theft control module.

Does horn turn off?

| Yes | No |
|-----|----|
| | |

| REPLACE damaged anti-theft alarm control module. | SERVICE Circuit 6 (Y/LG) for short to ground and/or |
|--|---|
| RETEST system. | SERVICE horn relay and bracket. RETEST system. |

G2 HEADLAMPS ON ALL THE TIME

· Leave anti-theft control module disconnected.

Are headlamps off?

| Yes | No |
|-----|---|
| | SERVICE Circuit 13 (R/BK) for short to B+ and/or SERVICE headlamps. GO to <u>G3</u> . |

G3 PARKLAMPS ON ALL THE TIME

· Leave anti-theft control module disconnected.

Are park lamps off?

| Yes | No |
|---|---|
| REPLACE damaged anti-theft alarm control module. RETEST system. | SERVICE Circuit 14 (BR) for short to B+. RETEST system. |

PINPOINT TEST H: SYSTEM ACTIVATES FALSELY

H1 VERIFY VEHICLE IS IN FALSELY ACTIVATING MODE

NOTE: Before performing Steps H2 to H5, it is imperative that system activates falsely on a regular basis.

- · Disconnect anti-theft alarm control module.
- Close all doors and hood.
- Connect ohmmeter between anti-theft alarm control module connector Pins C1-5, and C2-26.

Is reading less than 100 ohms?

| Yes | No |
|-----------|-------------------|
| GO to H2. | GO to <u>H7</u> . |

H2 CHECK ANTI-THEFT ALARM CONTROL MODULE PIN C1-5 FOR SHORT TO GROUND

- Open hood and luggage compartment.
- Disconnect both hood switch and luggage compartment lock cylinder switch.
- Connect ohmmeter between anti-theft alarm control module connector Pins C1-5 and C2-26.

Is reading less than 100 ohms?

| Yes | No |
|---|-------------------|
| SERVICE Circuit 23 (T/LG) for short to ground. RETEST system. | GO to <u>H3</u> . |

H3 CHECK HOOD SWITCH FOR SHORT TO GROUND

- Connect ohmmeter across hood switch connector terminals.
- Depress plunger then release.

Does reading show open circuit when switch depressed and short circuit when switch released?

| Yes | No |
|-----|--|
| | REPLACE damaged hood anti-theft control switch. RETEST system. |

H4 CHECK ADJUSTMENT OF HOOD SWITCH BRACKET

- Reconnect hood switch.
- Close hood.
- Connect ohmmeter between anti-theft alarm control module connector Pins C1-5 and C2-26.

Is reading less than 100 ohms?

| Yes | No |
|--|-------------------|
| ADJUST hood switch bracket up higher to ensure switch plunger is depressed when hood is closed. RETEST system. | GO to <u>H5</u> . |

H5 CHECK LUGGAGE COMPARTMENT LOCK CYLINDER SWITCH FOR SHORT TO GROUND

- Connect ohmmeter across luggage compartment lock cylinder switch connector terminals.
- Jiggle luggage compartment lock cylinder spring wiring and jiggle key in lock cylinder.

Does reading show short or intermittent short?

| Yes | No |
|-----------|--|
| , , , , , | REPLACE damaged anti-theft alarm control module. RETEST system. |

H6 CHECK ANTI-THEFT ALARM CONTROL MODULE PIN C2-14 FOR SHORT TO B+

- Reconnect anti-theft alarm control and remote keyless entry module.
- · Close all vehicle doors.
- Connect ohmmeter between anti-theft alarm control module connector Pins C2-14 and C2-26.

Is reading greater than 9 volts?

| Yes | No |
|-------------------|-------------------|
| GO to <u>H7</u> . | GO to <u>H8</u> . |

H7 CHECK CIRCUIT 24 (DB/O)/COURTESY LAMP SWITCH(ES) FOR SHORT TO B+

- Disconnect driver and passenger courtesy lamp switches located in door jamb area that mates to the A pillar.
- Connect a voltmeter between anti-theft alarm control module connector Pins C2-14 and C2-26.

Is reading greater than 9 volts?

| Yes | No |
|-----|----|
| | |

| SERVICE Circuit 24 (DB/O) for short to B+. RETEST system. | SERVICE courtesy lamp switch(es). RETEST system. |
|---|--|
|---|--|

H8 CHECK IGNITION LOCK ANTI-THEFT SWITCH FOR OPEN/SHORT CIRCUIT

- Disconnect anti-theft alarm control module.
- Connect ohmmeter between anti-theft alarm control module connector Pins C2-10 and C2-26. Take reading.

Is reading between 150 and 175 ohms?

| Yes | No |
|--|---|
| REPLACE anti-theft alarm control module only if Steps H1 to H4 have been performed. RETEST system. | REPLACE ignition lock anti-theft switch. RETEST system. |