



Tech Bulletin

May 11, 2007

Hot Cruise Applications:

- 06-07 Chevy Aveo
- 04-07 Chevy Canyon
- 05-07 Chevy Cobalt
- 04-06 Chevy Equinox
- 04-07 Chevy Colorado
- 05-07 Chevy HHR
- 05-07 Chevy Malibu
- 04-06 Chevy Uplander
- 06-07 Dodge Caliber
- 06-07 Jeep Compass
- 06-07 Jeep Patriot
- 05-07 Pontiac G5
- 05-07 Pontiac G6
- 04-06 Pontiac Torrent
- 06-07 Pontiac Wave
- 06-07 Suzuki Forenza
- 06-07 Suzuki Reno
- Universal Cruise Control Self Diagnostic Procedure

Trouble Shooting Tips for Top Five Cruise Control Kits

250-9000 06-07 Aveo, Reno, Forenza, and Wave

1. Check black and green wires with meter for ground.
2. Check Red wire for ignition 12volts
3. Go by instructions Form. #5064 on 06 Aveo and Wave; Form #5072 on 06-07 Forenza, Reno, and 07 Aveo, Wave make sure that the white wire from cruise harness is in proper position according instructions for that year model.



250-9001 06-07 Caliber, Jeep Compass, Jeep Patriot

1. Check all insertions made at computer and behind horn pad.
2. Check continuity from horn pad to ECM
3. If no continuity, look under steering column at back of clock spring (far right connector) to see if there are wires in positions 4,5,6. Should be the same colors as fender well connector. If wires are present, check continuity from horn pad to clock spring connector. If continuity is good, make up harness to run from clock spring connector to ECM. Make sure to match up colors from instructions Form #5071



250-1775 05-07 Cobalt, G5, G6, HHR, Malibu

1. Check black wire with meter for ground.
2. Check red and blue with meter for 12volts Ignition power.
3. Make sure gray wire off cruise harness is going to C2 or J2 connector in position 61 and check insertion. Form #4909
4. Try new parts.



250-1774 04-06 Torrent, Uplander, Equinox. 04-07 Colorado/Canyon

1. Check Black wire with meter for ground.
2. Check Red and Blue with meter for 12volts Ignition power.
3. Make sure that Gray wire is in proper position according to manual Form #4904



250-1223 and 250-1316 Global Cruise

1. Check grounds of cruise harness with meter; Black main ground and Violet at cold side of brake. If violet is holding bad ground, you must wire in **relay 5 function.**

85 to brake negative (+12volts when brake is pressed)

86 to ground

87 N/A

87A violet wire from cruise harness

30 to ground

This will bypass the brake system and hold true ground on Violet wire

2. Check ignition power Brown wire for +12volts when key is on.
3. Check constant power Red wire at hot side of brake switch +12volts all the time.

4. Run Self Diagnostic Procedure on the next page or page 20 in Form #4565. This will allow you to check VSS Signal and Tach Signal.



Self Diagnostic Procedure 250-1223/250-1316 Global Cruise

1. LED light is staying on during testing procedure

Answer: If LED stays on during test, (1) you have a poor ground on black wire main ground of unit or (2) Violet wire at cold side of brake is not seeing ground through brake light system or (3) switch 12 of programming switches is in wrong position.

2. LED will not come on during test procedure.

Answer: If LED does not light up, then there is a power related problem. Check red wire hot side brake +12 constant or brown wire accessory power +12 when key is on.

3. Installed LED tail lights and cruise stopped working.

Answer: When using LED tail lights, violet wire at cold brake will not see ground through brake system, you must wire in **relay five** function to let violet see ground and then lose ground when brake is applied.

85 to cold brake (+12 when brake is pressed)

86 to ground

87 N/A

87A to violet wire from cruise harness

4. When setting programming switch, what is Gain (Sensitivity)?

Answer: Gain is how cruise reacts to road conditions and motor size. Always start at Mid gain if vehicle surges, change gain. Fast surge, go down to low or extra low if needed to tune cruise. If you have a slow surge, go to high.

5. What is Engine/Setup Timer?

Answer: Engine/Setup timer is how fast cruise retracts in cable on set. Always start at low. If vehicle drops below set speed but then recovers, go to high or extra high if still not acceptable.

NOTE: All settings are based on 1/8 inch slack in cable. More slack will cause cruise to surge or lose speed on set.

New Cruise Releases Coming Soon...

07 Silverado, 07 Sierra, 07 Torrent



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