



Service Bulletin

PRELIMINARY INFORMATION

Subject: Crank No Start With DTC U1000

Models: 2015 Chevrolet City Express

This PI was superseded to update Subject and Recommendation/Instructions. Please discard PIT5369.

The following diagnosis might be helpful if the vehicle exhibits the symptom(s) described in this PI.

Condition/Concern

Some customers may comment that intermittently there vehicle cranks or turns over but does not start after an overnight cold soak below the freezing point, thirty-two degrees Fahrenheit or zero degrees Celsius. Technicians may find any of the follow DTC's.

TCM - U0100 SYM00 U0100 SYM87

IPC - U1000 SYM00 U0100 SYM87

UBEC - U1000 SYM00 U0100 SYM87

BCM - U1000 SYM00 B2190 SYM00 B2193 SYM00 U0100 SYM87

EBCM - U1000 SYM00

SIR - U0100 SYM87.

Recommendation/Instructions

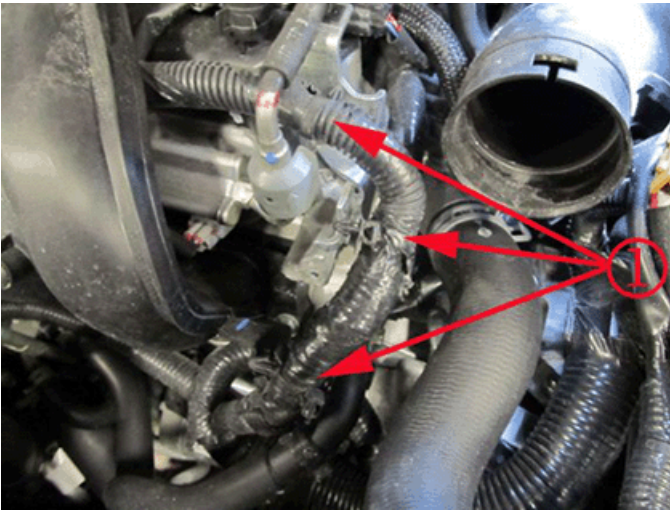
Splice together specific wiring in the engine harness as instructed below:

1. Record all audio station presets.
2. 2. Disconnect both battery cables, negative cable first. Refer to the Battery Negative Cable Disconnection and Connections in SI.

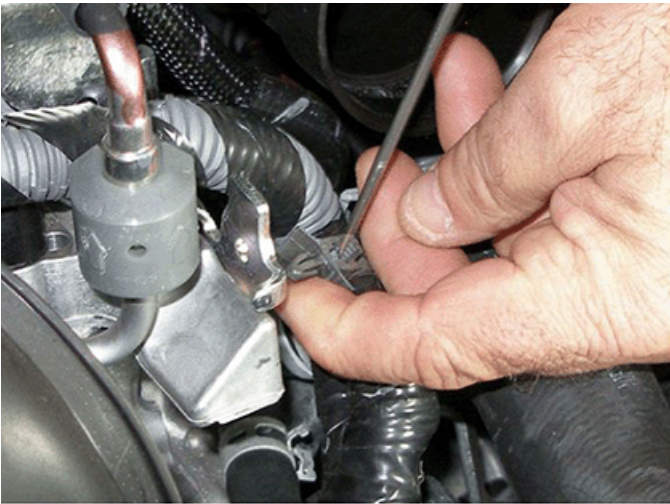


3. Remove the Front Intake Air Duct (1). Remove the push-in retainers securing the front air duct core support and cover the Air Cleaner Inlet Duct.

Note: This step is to ensure nothing enters into the duct during the procedure.



4. Disengage the three retainers (1) as illustrated above.

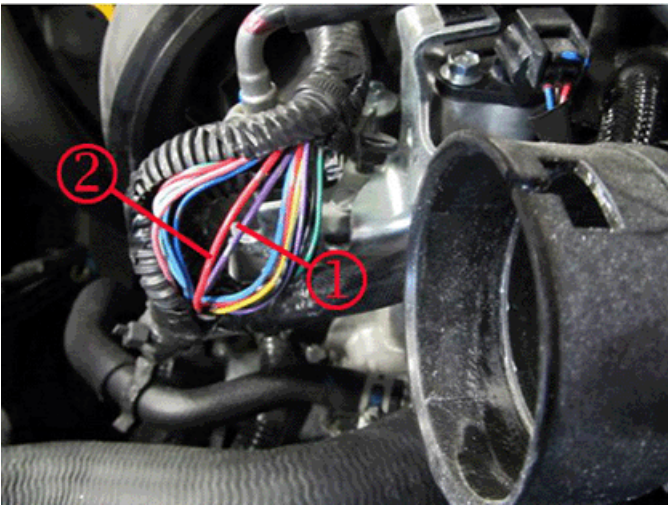


5. Carefully remove only the middle retainer from the engine harness by disengaging the locking tab of the retainer.

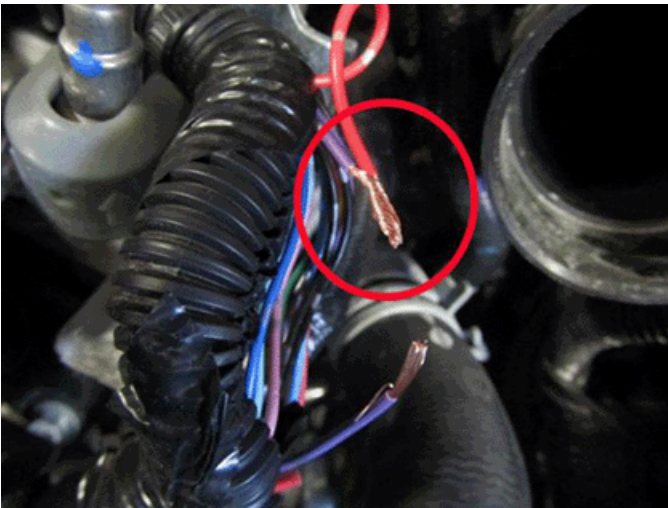
Note: This retainer will be reinstalled later in the procedure



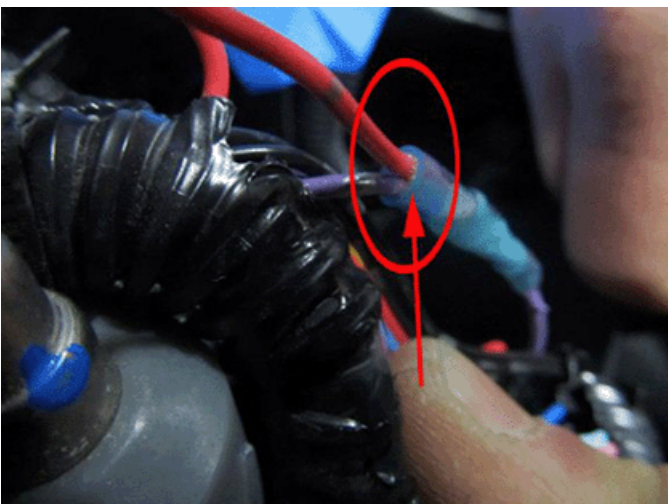
6. Remove the electrical tape from the conduit from the upper to lower retainer and pull out the wiring from the conduit and remove any electrical tape around the wires as illustrated above



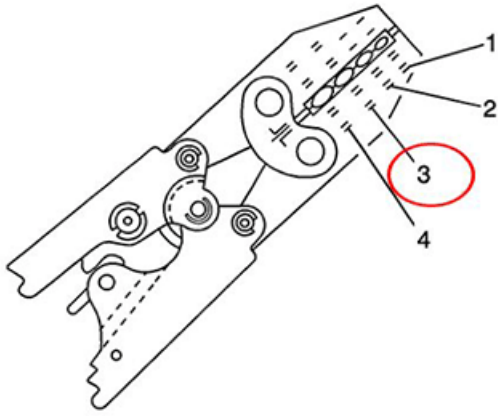
7. Locate the largest gauge red (1) and violet/purple (2) wires in the harness. Important: There are four red wires in this wiring harness. Identifying the largest red and violet/purple wires are critical to the procedure. Compare the wires to identify which wires are the largest.



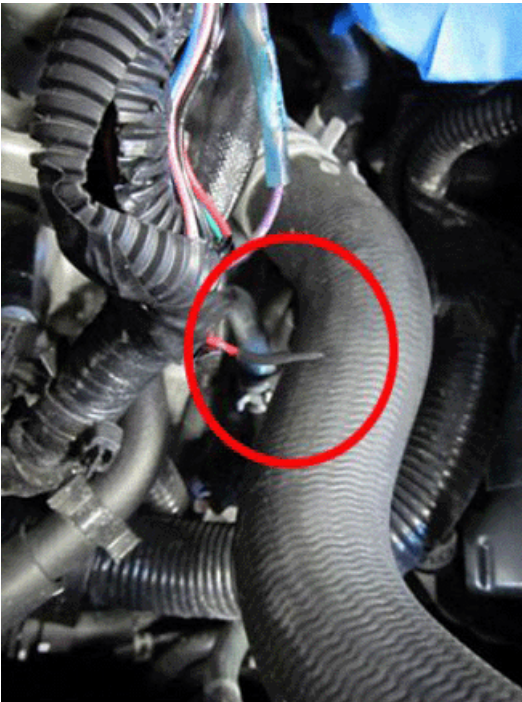
8. There is NO extra wire to work with so once the wires are identified, carefully cut the violet/purple wire (1) approximately in the middle from the removed wires and cut the red wire (2) approximately 13 mm (0.50 inch) below the red wire.
9. Strip approximately 5.0 mm (0.20 inch) of insulation from each wire except the lower red wire. The lower red wire will have heat shrink tubing installed in a later step.
10. Twist the top of the violet/purple and red wires together as illustrated above.



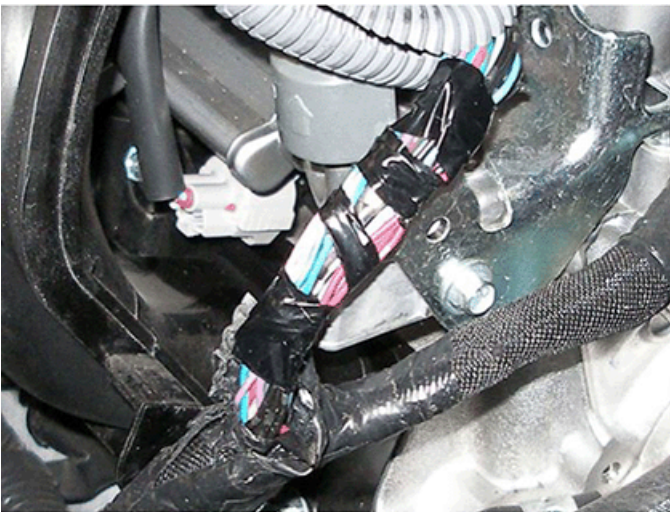
11. Install a DuraSeal splice sleeve P/N 19168447 (Blue) or equivalent to the exposed wires, using the EL-38125-10 splice sleeve crimping tool, crimp nest (3).



12. Test the crimp quality by gently pulling each wire to ensure the wire does not remove from the sleeve
13. Heat the DuraSeal splice sleeve P/N 19168447 (Blue) or equivalent with a Heat Gun 500–700 F or equivalent until the adhesive is visible outside the sleeve as shown above.



14. Install a heat shrink tube P/N 12355010 to the lower red wire using Heat Gun 500–700 F or equivalent.



15. Wrap the wires with electrical tape or equivalent.



16. Reinstall the conduit and wrap the conduit in electrical tape.
17. Reinstall the removed retainer and install all three retainers.
18. Remove the cover that was previously installed in step 3 from the duct.
19. Reinstall the Front Intake Air Duct.
20. Reconnect battery cables, positive cable first. Refer to the Battery Negative Cable Disconnection and Connections in SI.
21. Reset all audio presets.
22. Perform the throttle learn procedure. Refer to the Q38 Throttle Body: Throttle/Idle Learn in SI.
23. If equipped with Express Up and Express Down windows, perform the Programming the Power Windows in SI (DOC # 3822809).
24. Clear any related DTCs.
25. Verify the engine starts and runs normally.

Parts Information

Part Number	Description	Quantity
19168447	DuraSeal Splice Sleeve	1
12355010	1/8 Heat Shrink	1

Warranty Information

For vehicles repaired under warranty use:

Labor Operation	Description	Labor Time
* 2680238	Splice Engine Wiring Harness	0.7 hr
* This is a unique labor operation for bulletin use only. This will not be published in the Labor Time Guide.		

Please follow this diagnostic or repair process thoroughly and complete each step. If the condition exhibited is resolved without completing every step, the remaining steps do not need to be performed.

GM bulletins are intended for use by professional technicians, NOT a "do-it-yourselfer". They are written to inform these technicians of conditions that may occur on some vehicles, or to provide information that could assist in the proper service of a vehicle. Properly trained technicians have the equipment, tools, safety instructions, and know-how to do a job properly and safely. If a condition is described, DO NOT assume that the bulletin applies to your vehicle, or that your vehicle will have that condition. See your GM dealer for information on whether your vehicle may benefit from the information.



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