

General Repair Information



Bulletin No.:
Release Date:
Location:

GRI-07-C-006
24th September 2007
General Repair Information/
C100

C100 P2138, P2120 & C0561 Wiring Harness Repair Procedure

MODELS: C100 All engine variants

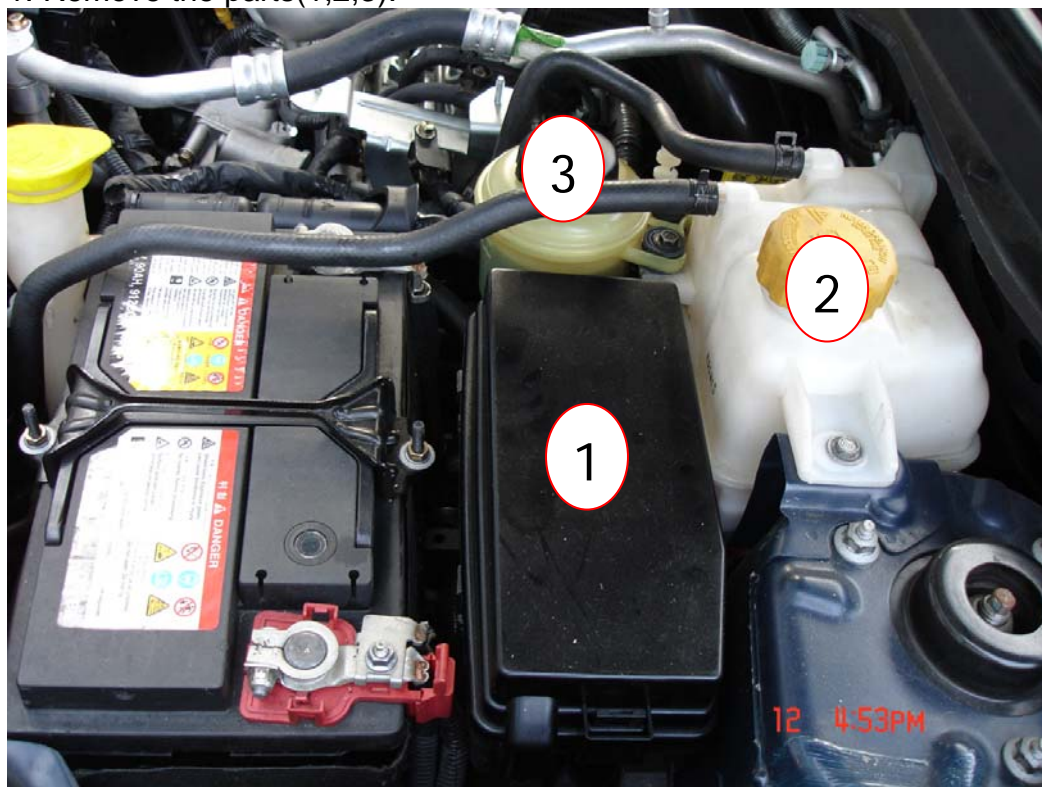
CONDITION:

The customer may complain of ABS / TC Lamps illuminated and no throttle response. When the technician checks the vehicle with the Scan 100. DTC P2138, P2120 & C0561 maybe stored.

Following the checking procedures the technician may diagnose that the ECM or throttle pedal sensor is defective, but it is actually an intermittent wiring fault in the connector X101.

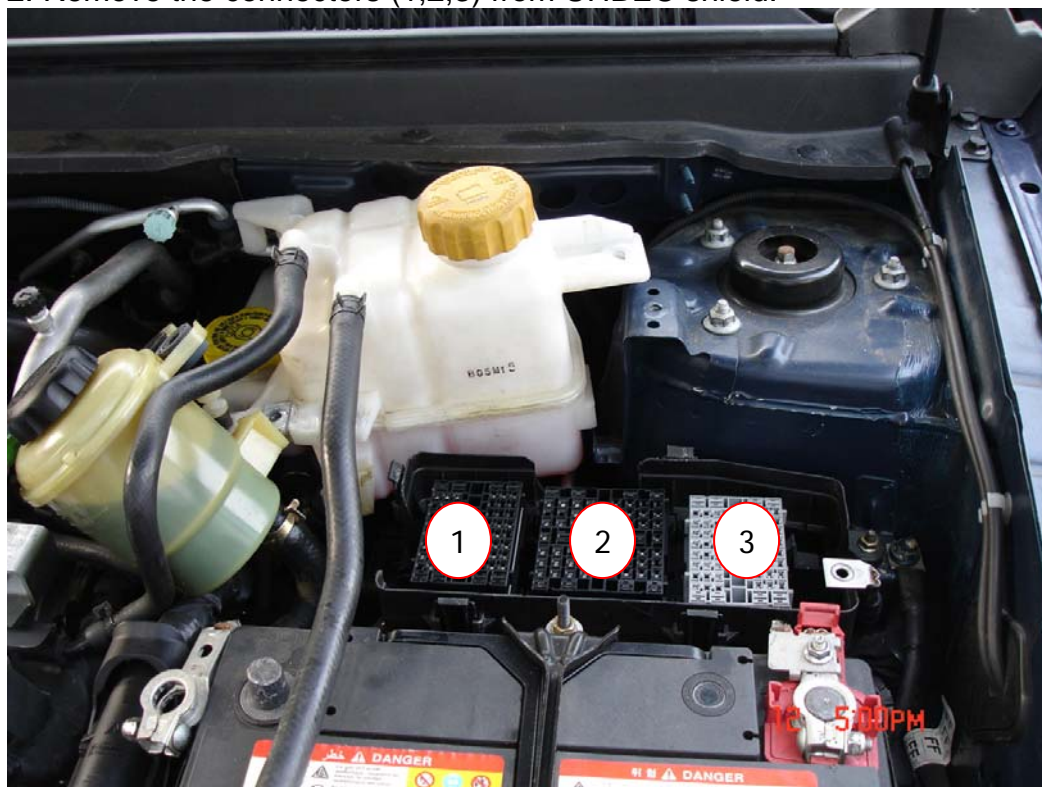
CORRECTION:

1. Remove the parts(1,2,3).



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2. Remove the connectors (1,2,3) from UHBEC shield.

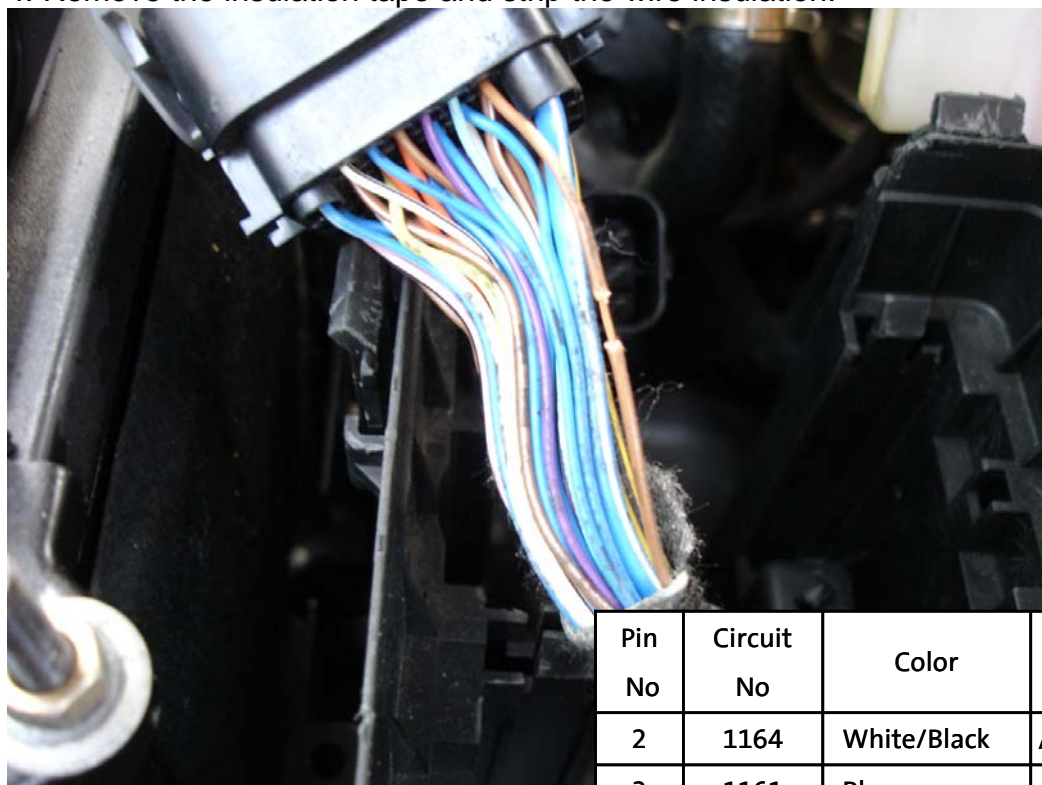


3. Disconnect the connectors(1) from Under Hood Body Electrical Centre shield.

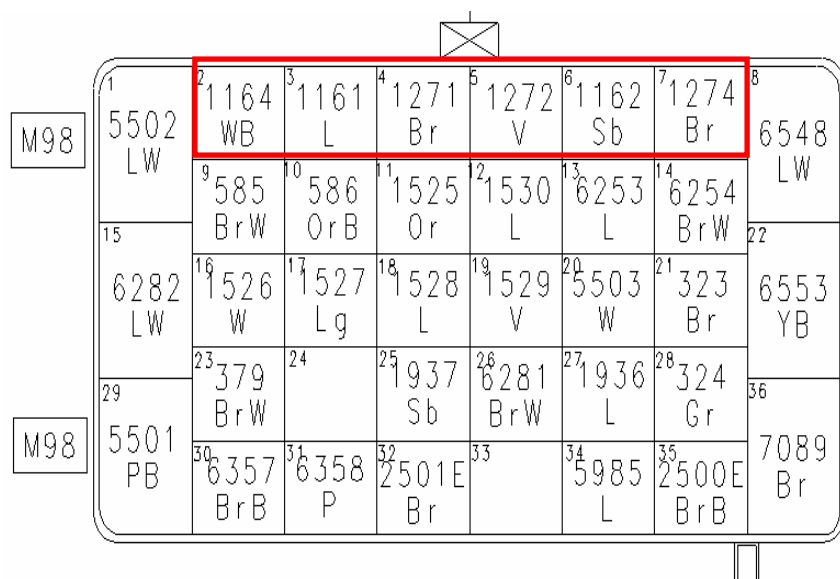


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4. Remove the insulation tape and strip the wire insulation.



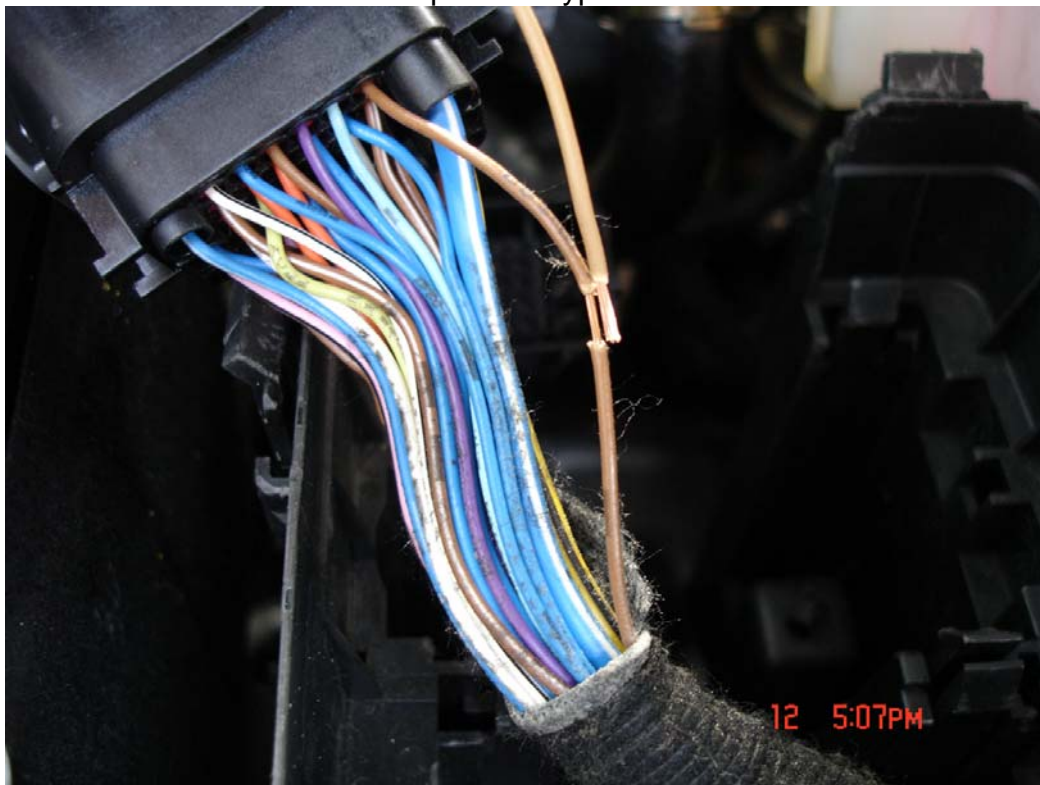
Pin No	Circuit No	Color	Description
2	1164	White/Black	APM(SENSOR 1 REF 5V)
3	1161	Blue	APM(SENSOR 1 SIGNAL)
4	1271	Brown	APM(SENSOR 1 GROUND)
5	1272	Violet	APM(SENSOR 2 GROUND)
6	1162	SkyBlue	APM(SENSOR 2 SIGNAL)
7	1274	Brown	APM(SENSOR 2 REF 5V)



TYCO 1743636-2(W/COVER: TYCO 1743638-2)
TO BODY WRG

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5. Add additional wires at this point to bypass the connector X101.



6. Add insulation tape.



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7. Rework all six wires in the same method. And then refit all removed parts.



Note :

We would advise that soldering is not used for this repair as this may cause a resistance. We would suggest using a suitable crimped connection.

Operation Code:

9112900

Operation Description:

Wiring, Engine Control – Repair

Nature Code:

N67 – Warning Lamp On

Causal Code:

R15 – Loose or Improper Connection

Causal Part Number:

Engine Harness – Refer to EPC3