



Service Bulletin

Bulletin No.: 10-06-130-001A

Date: August, 2019

TECHNICAL

Subject: Supersession of Battery Energy Control Module (BECM)

Models: 2007 Saturn VUE Green Line Hybrid

The Bulletin has been revised to update the repair procedure and Parts Information required to complete the installation of the BECM. Please discard Corporate Bulletin Number 10-06-130-001.

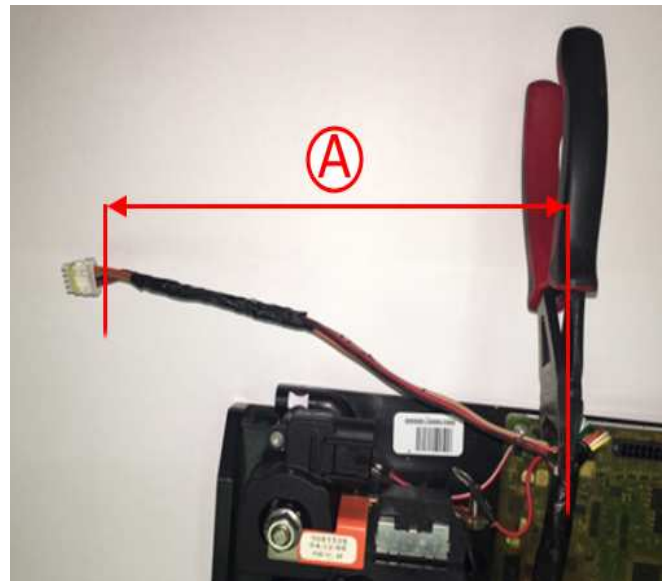
BECM Fan Electrical Connector Update

The original BECM assembly is being superseded to the same part numbers used on the 2007-2009 AURA vehicles.

To install this BECM, it may be necessary to modify the new wire harness using the original fan harness on the new BECM and reprogram the BDU.

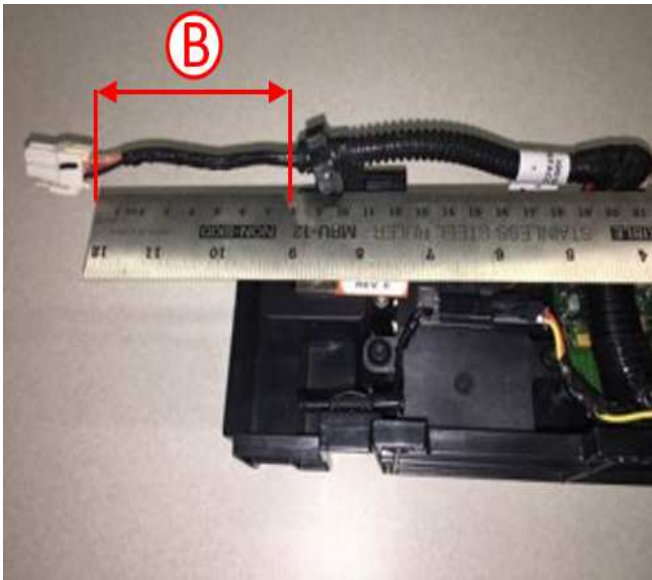
1. Remove the BECM from the vehicle. Refer to *Battery Energy Control Module Replacement* in SI for installation procedures.
2. Disconnect the cooling fan connector on the old BECM.
3. Verify if the electrical connector is a 1x4 or a 2x2.
 - If the cooling fan connector is a 2x2 electrical connector, the new BECM will connect without any wire harness updates. Proceed to BECM to Vehicle Electrical Connector Pigtail Update below.
 - If the cooling fan connector is a 1x4 cooling fan electrical connector, continue to the next step.

Note: The BECM wiring harness pigtail and connector will need to be removed and used on the new BECM.



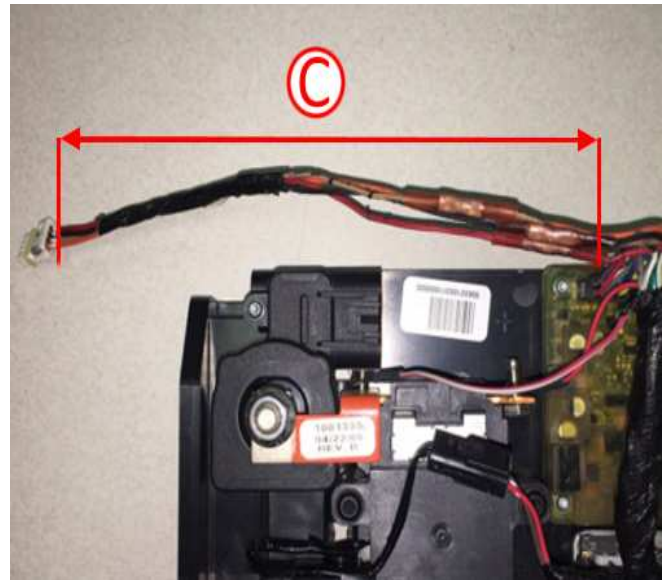
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4. Starting with the old BECM, cut the old fan wiring harness 200–210 mm (7.9–8.27 in) from the 1x4 cooling fan electrical connector to create the fan pigtail harness (A).
 - ⇒ The pigtail will be used on the replacement BECM wiring harness to connect the cooling fan.



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5. Starting with the new BECM, cut the fan wiring harness 80–90 mm (3.15–3.54 in) from the 2x2 cooling fan electrical connector (B).



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Note: The overall length of the new harness should measure approximately 200–210 mm (7.9–8.27 in) from the cooling fan electrical connector towards the new BECM (C).

7. Strip approximately 5.0 mm (0.20 in) of insulation from each wire to be spliced.
8. Insert the wire into the salmon colored Dura Seal™ splice sleeve or equivalent, and crimp the splice sleeve.
9. Ensuring that the wire color matches, insert the corresponding wires of the BECM into the salmon colored Dura Seal™ splice sleeve and crimp the splice sleeve.
10. Measure the distance from the electrical connector towards the BECM.



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6. Remove the conduit and electrical tape from the BECM harness.



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11. Using Woven Polyester Electrical Tape (PET), tape the harness ensuring that the tape is applied in a double layer extending along the harness past the splice sleeves.
12. The replacement BECM must be programmed with SPS after installation or DTC(s) will be set.

BECM to Vehicle Electrical Connector Pigtail Update

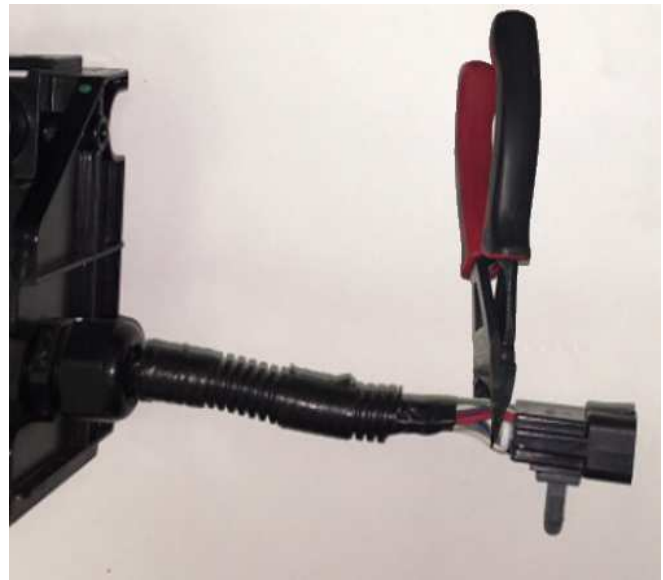
1. Inspect the **new** BECM to vehicle wiring harness for a 2x4 electrical connector, shorter 135 mm (5.3 in) pigtail and if it will connect to the vehicle harness through an existing jumper harness.
 - If no splicing is necessary, proceed to install the BECM into the vehicle. Refer to *Battery Energy Control Module Replacement* in SI.
 - If the BECM has the short pigtail and/or does not connect to the vehicle harness, proceed to the next step.



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Note: For vehicles equipped with the original BECM, with wiring harness electrical connector 850 mm (33.5 in) away, cut the pigtail at the BECM plastic grommet. This pigtail will be used on the replacement BECM wiring harness.

2. Starting with the old BECM, cut the harness at the grommet.



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3. Starting with the new BECM, cut the wiring harness near the electrical connector.



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4. Remove the conduit and electrical tape from the BECM harness.



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Note: The overall length of the new harness should measure approximately 830–820 mm (32.7–32.3 in) from the electrical connector towards the new BECM.

5. Strip approximately 5.0 mm (0.20 in) of insulation from each wire to be spliced.
6. Ensuring that the wire color matches, insert the wire into the salmon colored Dura Seal™ splice sleeve or equivalent, and crimp the splice sleeve.



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7. Using Woven Polyester Electrical Tape (PET), tape the harness ensuring that the tape is applied in a double layer extending along the harness past the splice sleeves.
8. Install the BECM into the vehicle. Refer to *Battery Energy Control Module Replacement* in SI for installation procedures.
9. The replacement BECM must be programmed with SPS after installation or DTC(s) will be set.

Parts Information

Causal Part	Description	Part Number	Qty
X	MODULE ASM, BAT ENGY CONT	19118996	1
N/A	Splice Sleeve**	1559741 (Wurth 555.5161 in Canada)	12
N/A	Woven Polyester (PET) Electrical Tape**	1985620* (Wurth 894.1230* in Canada)	1

*There is enough material to service multiple vehicles. Store the remaining material for future use.

**Contact Wurth through their website at www.wurthusa.com, by e-mail at www.customer.service@wurthusa.com or by calling 1-800-987-8487.

In Canada, contact Wurth through their website at www.wurth.ca/, by e-mail at info@wurth.ca, by calling 1-800-263-5002 or your local Wurth rep.

