

This Service Program replaces bulletin, "Auxiliary A/C Inverter Case Ground", PV729-SP396-001_V (USA63312) dated (12/2013). Changes are identified by change bars (vertical line in left margin).

Date	Group	No.	Release	Page
2.2014	396	001	03	1(4)

Auxiliary A/C Inverter Case Ground VN Models

SP396-001, Auxiliary A/C Inverter Case Ground

(February 2014)

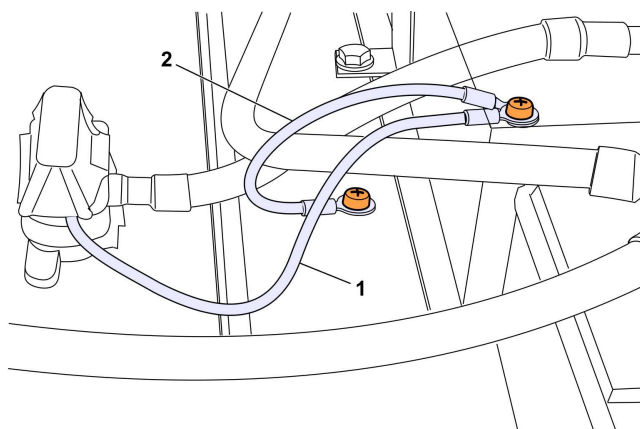
Certain VN Product vehicles built between January 1, 2012 and May 31, 2013 with the Dometic 7 battery auxiliary AC system option requires the removal of an inverter case ground wire. Follow the procedure below to correct the issue.

Repair

- 1 Secure the vehicle for service by parking it on a flat level surface, applying the parking brake, chocking the rear wheels, and placing the transmission in neutral.
- 2 Remove battery cover.
- 3 Disconnect all cables from the negative (ground) battery terminal to prevent personal injury from electrical shock and prevent damage to electrical components.
- 4 Remove the redundant (green) wire **(2)** from the inverter case and battery box.

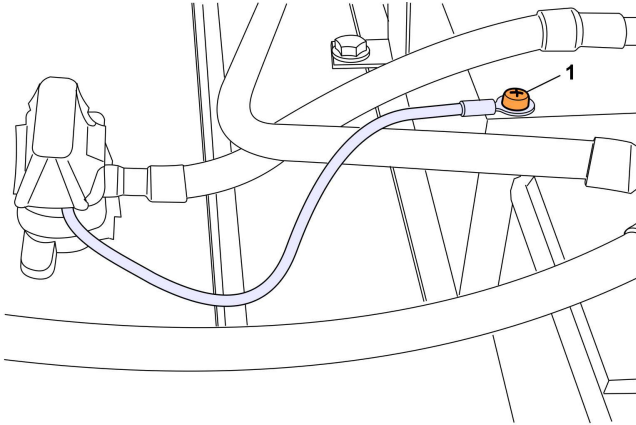
Note: Discard the wire after removal.

Note: Discard the ground screw on battery box.



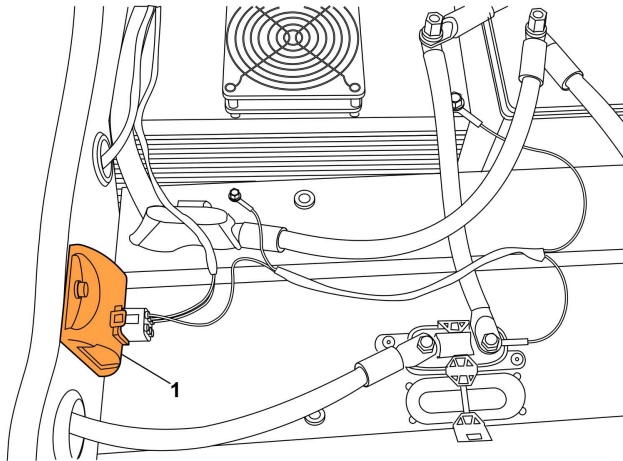
W3086000

- 5 Secure the inverters' (corner ground) screw **(1)**. Tighten to 4 - 6 Nm (36 - 54 in lbs).



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- 6 If unit is equipped with a Low Voltage Disconnect (1), the redundant wire will be grey in color going to battery box floor.

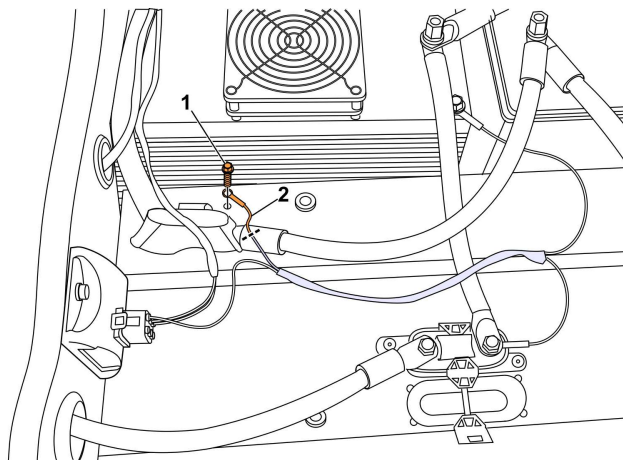


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1. Low Voltage Disconnect

- 7 Remove the screw (1) and cut the ring terminal from the gray wire (2).

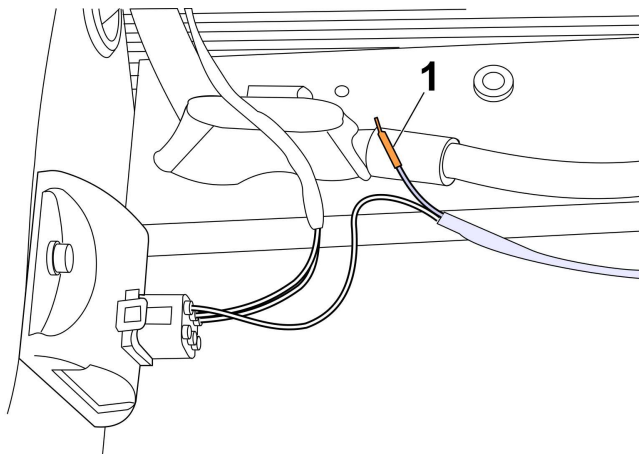
Note: Do not allow the wire to touch the battery box.



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1. Screw
2. Grey Wire

- 8 Apply heat shrink tubing to the end of wire and secure.



W3087632

1. Heat shrink tubing

- 9 Install all the previously removed cables to the negative (ground) battery terminals.
10 Coat all connections with corrosion inhibitor or similar product.
11 Install battery cover.

Reimbursement

This repair is covered by an authorized Service Program. Reimbursement is obtained via the normal claim handling process.	
Claim Type (used only when uploading from the Dealer Bus. Sys.)	B
Recall Status	
Vehicle inspected, repair not required	1- Inspected OK
Vehicle repaired per instruction	2- Modified per instruction
Labor Code	
Primary Labor Code	39603-0-02 0.3 hrs.
Causal Part	21507410
Parts Disposition	
Authorization Number	SP396-001
Expiration Date	10- February 2015

Note: Take Charge Time is not included in the Labor Code for this operation. Take charge may be eligible but can only be used once per repair visit. If vehicle is having other warranty repairs performed, take charge should be charged to the warranty repair, otherwise take charge can be charged to this service program.