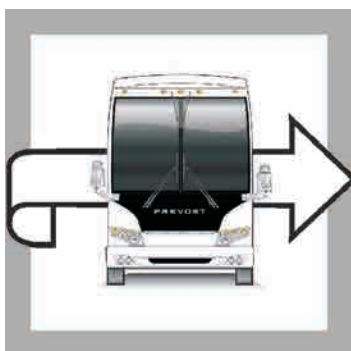




# PREVOST

## WARRANTY BULLETIN

### WB15-06D

|             |                                                  |           |                 |
|-------------|--------------------------------------------------|-----------|-----------------|
| DATE :      | FEBRUARY 2015                                    | SECTION : | 06 - Electrical |
| EXPIRATION: | FEBRUARY 2017                                    |           |                 |
| SUBJECT :   | 067954 CURRENT SENSOR INSPECTION AND REPLACEMENT |           |                 |

REVISION D This bulletin supersedes previous versions  
June 02, 2015 : Added vehicles not covered by production.

### APPLICATION

| <b>NOTICE TO SERVICE CENTERS</b><br><i>Verify vehicle eligibility by checking warranty bulletin status with <b>SAP</b> or via <b>ONLINE WARRANTY SYSTEM</b> available on Service / Warranty tab of Prevost website.</i> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model                                                                                                                                                                                                                   | VIN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| H3-45 coaches<br>Model Year : 2015                                                                                                                                                                                      |  <p>Single vehicles: 2PCH33493FC71<b>2878</b>, 2PCH33497FC71<b>2902</b>;<br/>2PCH33498FC71<b>2911</b>; 2PCH33490FC71<b>2918</b> 2PCH33499FC71<b>2920</b>;<br/>2PCH33490FC71<b>2921</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| H3-45 VIP motorhomes<br>Model Year : 2015                                                                                                                                                                               | <p>Single vehicles : 2PCVS3493FC712885, 2PCVS3499FC712888;<br/>2PCVS3496FC712895; 2PCVS3493FC712899; 2PCVS3493FC712904;<br/>2PCV33491FC712915 2PCV33499FC712919</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| X3-45 coaches<br>Model Year : 2015                                                                                                                                                                                      | <p>Single vehicles :</p> <p>2PCG33499FC73<b>5819</b>, 2PCG33497FC73<b>5821</b>, 2PCG33490FC73<b>5823</b>;<br/>2PCG33492FC73<b>5824</b>, 2PCG33494FC73<b>5825</b>; 2PCG33498FC73<b>5830</b>;<br/>2PCG33493FC73<b>5833</b>; 2PCG33495FC73<b>5834</b>; 2PCG33497FC73<b>5835</b>;<br/>2PCG33499FC73<b>5836</b>; 2PCG33492FC73<b>5841</b>; 2PCG33496FC73<b>5843</b>;<br/>2PCG33498FC73<b>5844</b>; 2PCG33495FC73<b>5848</b>; 2PCG33493FC73<b>5850</b>;<br/>2PCG33495FC73<b>5851</b> 2PCG33498FC73<b>5861</b>; 2PCG3349XFC73<b>5862</b>;<br/>2PCG33493FC73<b>5864</b>; 2PCG33497FC73<b>5866</b>; 2PCG33499FC73<b>5867</b>;<br/>2PCG33490FC73<b>5868</b>; 2PCG33492FC73<b>5869</b>; 2PCG33499FC73<b>5870</b>;<br/>2PCG3349X<b>GC735880</b></p> |
| X3-45 VIP commercial use<br>Model Year : 2015                                                                                                                                                                           | <p>Single vehicle</p> <p>2PCCS3494FC73<b>5812</b>, 2PCC33497FC73<b>5820</b>; 2PCCS349XFC73<b>5829</b>;<br/>2PCCS3498FC73<b>5831</b>; 2PCCS3499FC73<b>5840</b>; 2PCCS3498FC73<b>5845</b>;<br/>2PCCS349XFC73<b>5846</b>; 2PCCS3495FC73<b>5849</b>; 2PCCS3499FC73<b>5871</b>;<br/>2PCCS349XFC73<b>5877</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                             |
| X3-45 VIP motorhomes<br>Model Year : 2015                                                                                                                                                                               | <p>Single vehicles : 2PCBS3497FC73<b>5816</b>, 2PCBS3490FC73<b>5818</b><br/>2PCBS3496FC73<b>5838</b>; 2PCBS3499FC73<b>5865</b>.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

## DESCRIPTION

On the vehicles affected by this bulletin, inspect the serial number of the current sensors in the battery compartment and follow instructions to perform replacement if applicable. A number of sensors have been identified by the manufacturer as having a calibration outside specifications.

## MATERIAL

Order the following parts:

| Part No. | Description               | Qty |
|----------|---------------------------|-----|
| 067954   | Current sensor 80/600 amp | 2   |

Other parts that may be required:

| Part No. | Description                              | Qty |
|----------|------------------------------------------|-----|
| 5001694  | MACHINE SCREW, PAN PH M4-0.7x40 SS BLACK | 2   |

### ***NOTE***

*Material can be obtained through regular channels.*

## SPECIAL TOOLS



Figure 1 : Mini ratchet, female 1/4 hex drive or equivalent

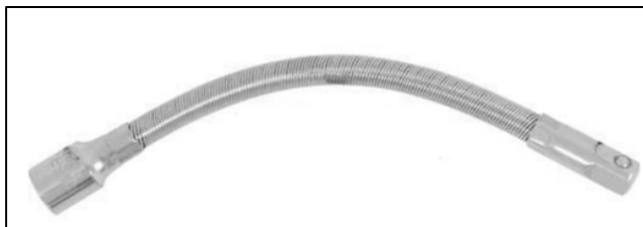


Figure 2 : Flex ratchet extension



Figure 3 : 1/4 Hex to 1/4 Square adapter

## PROCEDURE

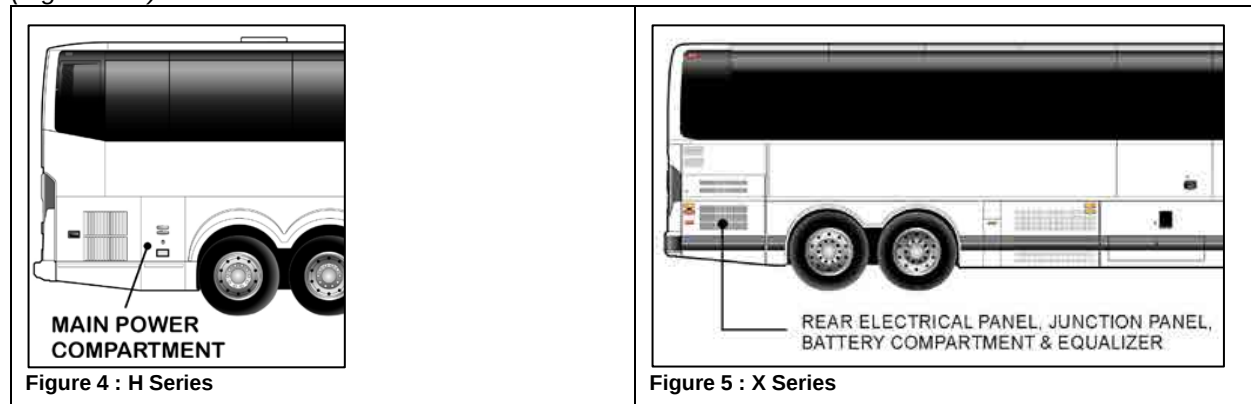


### DANGER

Park vehicle safely, apply parking brake, stop engine and set battery master switch(es) to the OFF position prior to working on the vehicle.

1. Open rear electrical compartment.(Fig.1 & 2)

*We recommend disconnecting the battery ground prior to inspection to prevent accidental reconnection. (Fig. 9 & 10)*



2. Locate sensors next to batteries (Fig 7 & 8). Defective Sensors have a serial number starting with **14300, 14307 or 14314** (Fig 6). If found, consult **Table 2** below to confirm serial number is part of list.

**H series vehicles:** *we recommend using an inspection mirror.*

Also, note that green dot labels (Fig. 16) have been applied to the sensor to attest calibration by the supplier. Refer to **Table 1** below to know if part should be replaced.

# of green  
dots

| # of green<br>dots | Serial # found In Table 2? | Good part? | Do I perform replacement? |
|--------------------|----------------------------|------------|---------------------------|
| 1                  | Yes →                      | No→        | <b>YES</b>                |
| 1                  | No→                        | Yes→       | NO                        |
| 2                  | Yes→                       | Yes→       | NO                        |
| 2                  | No→                        | Yes→       | NO                        |

Table 1

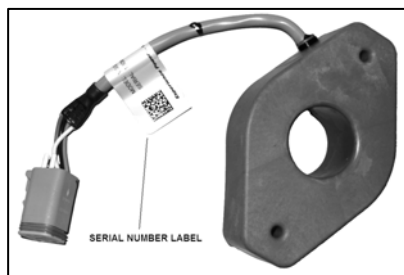


Figure 6: Typical Current Sensor.

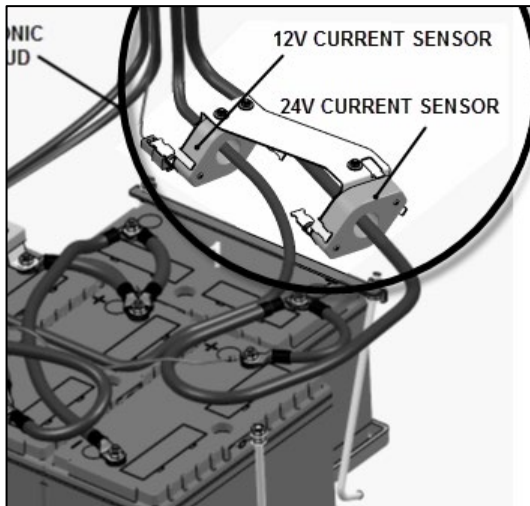


Figure 7 : H series

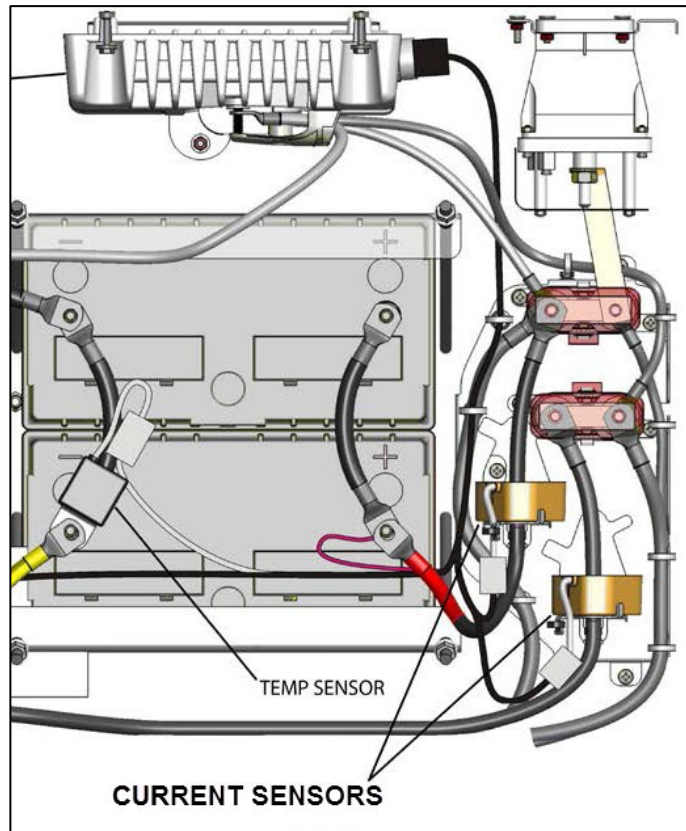


Figure 8 : X series

3. Replace faulty sensor following instructions below. Reserve hardware for re-assembly.
4. Reserve removed sensor for warranty return process.
5. **Make sure battery ground on left side of battery bank is removed before performing any work.**



Figure 9 : H Series Ground



Figure 10 : X Series Ground

6. Remove 12V and / or 24 V power cables to allow sensor removal. (Fig. 11 & 12)



Figure 11 : H Series Power Cables

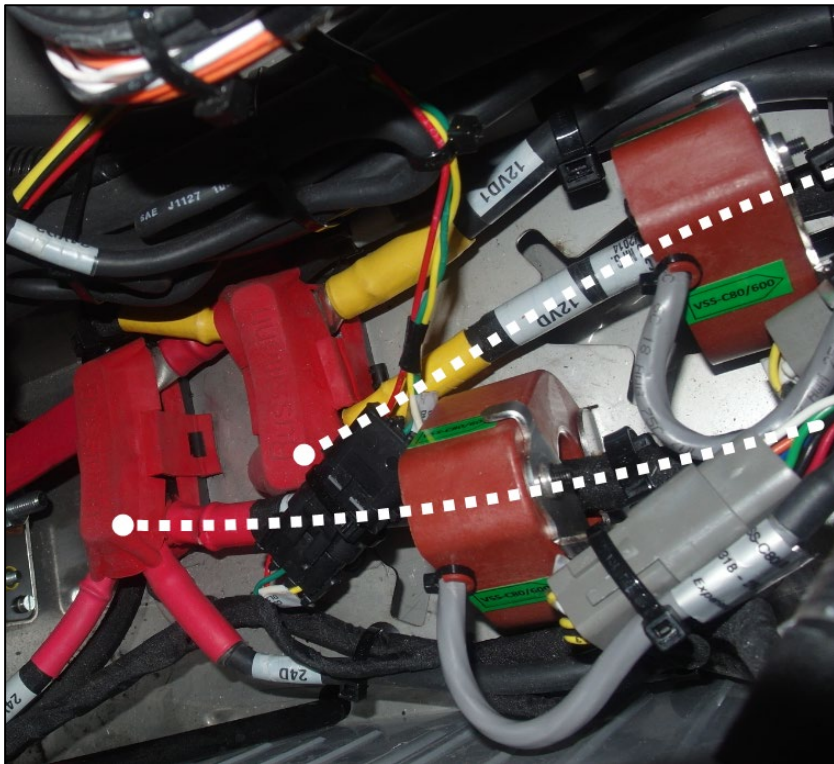


Figure 12 : X Series Power Cables

7. Remove sensors (Fig. 13 & 15)
8. H Series: remove mounting plate nuts. Reserve for re-assembly.
9. Remove Sensor mounting screws on a workbench.  
(Mounting Screw #5001694 Pan Head, Philips M4 x 40mm)

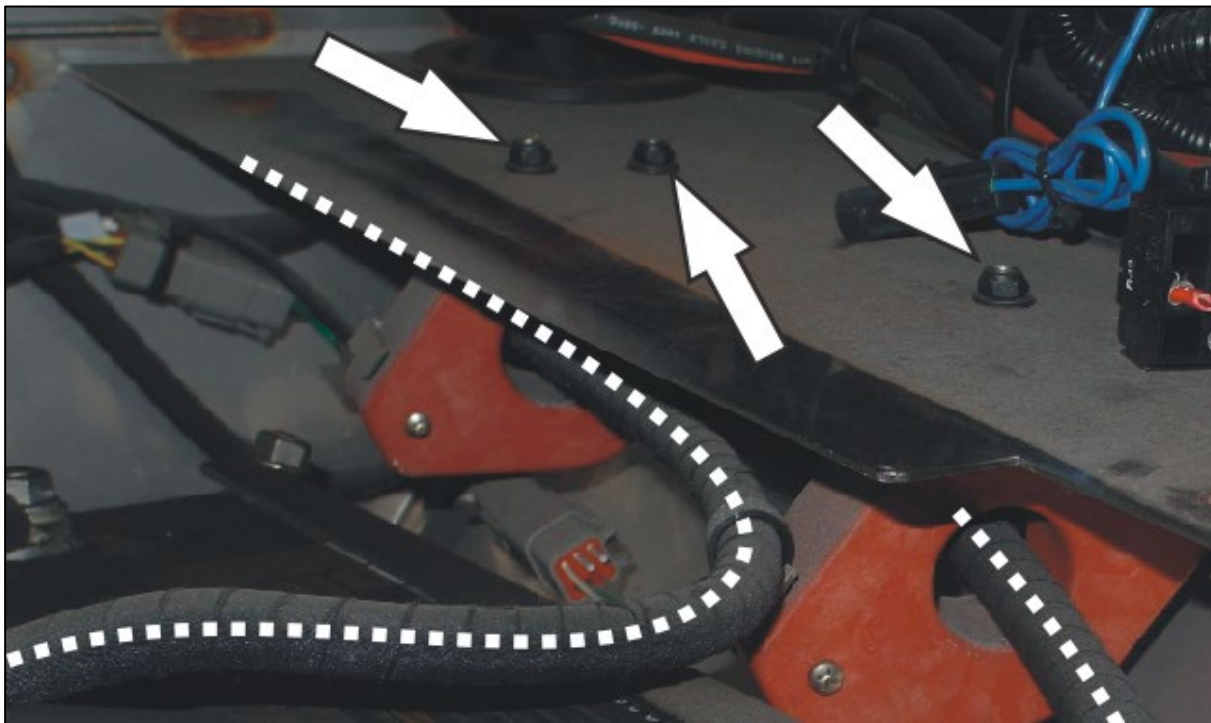


Figure 13 : H series sensor mounting screws

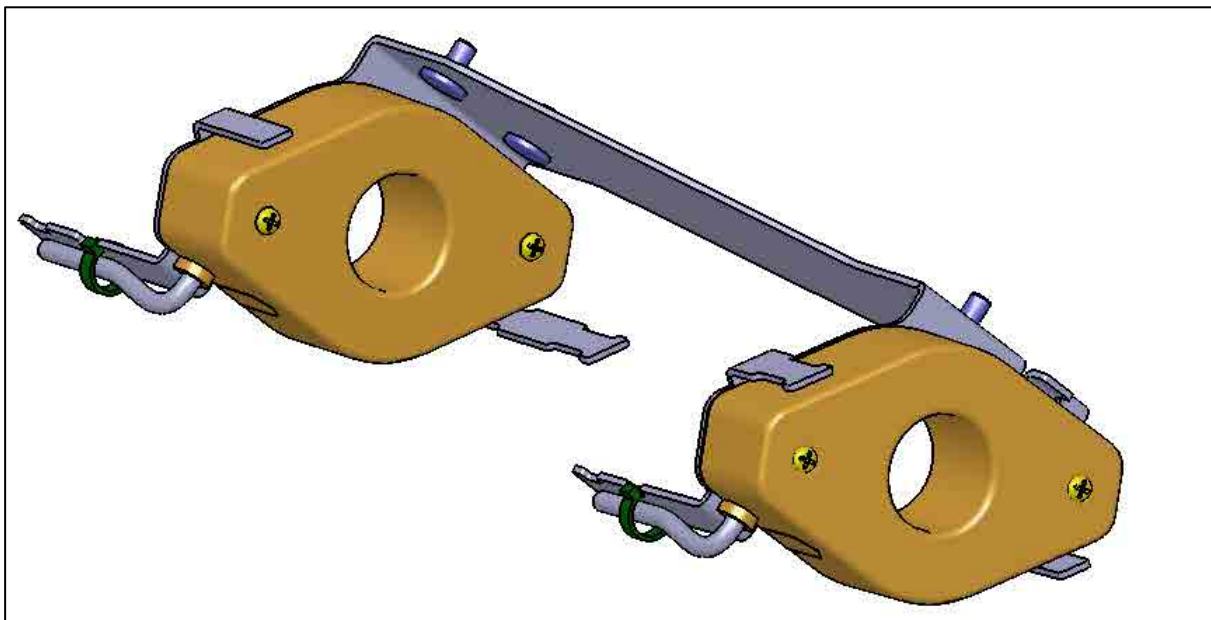


Figure 14 H Series Sensor Mounting Plate

11. X Series: To remove the lower screws, use the smallest ratchet possible and a flex ratchet extension (Fig. 1, 2). (Mounting Screw #5001694 Pan Head, Philips M4 x 40mm)

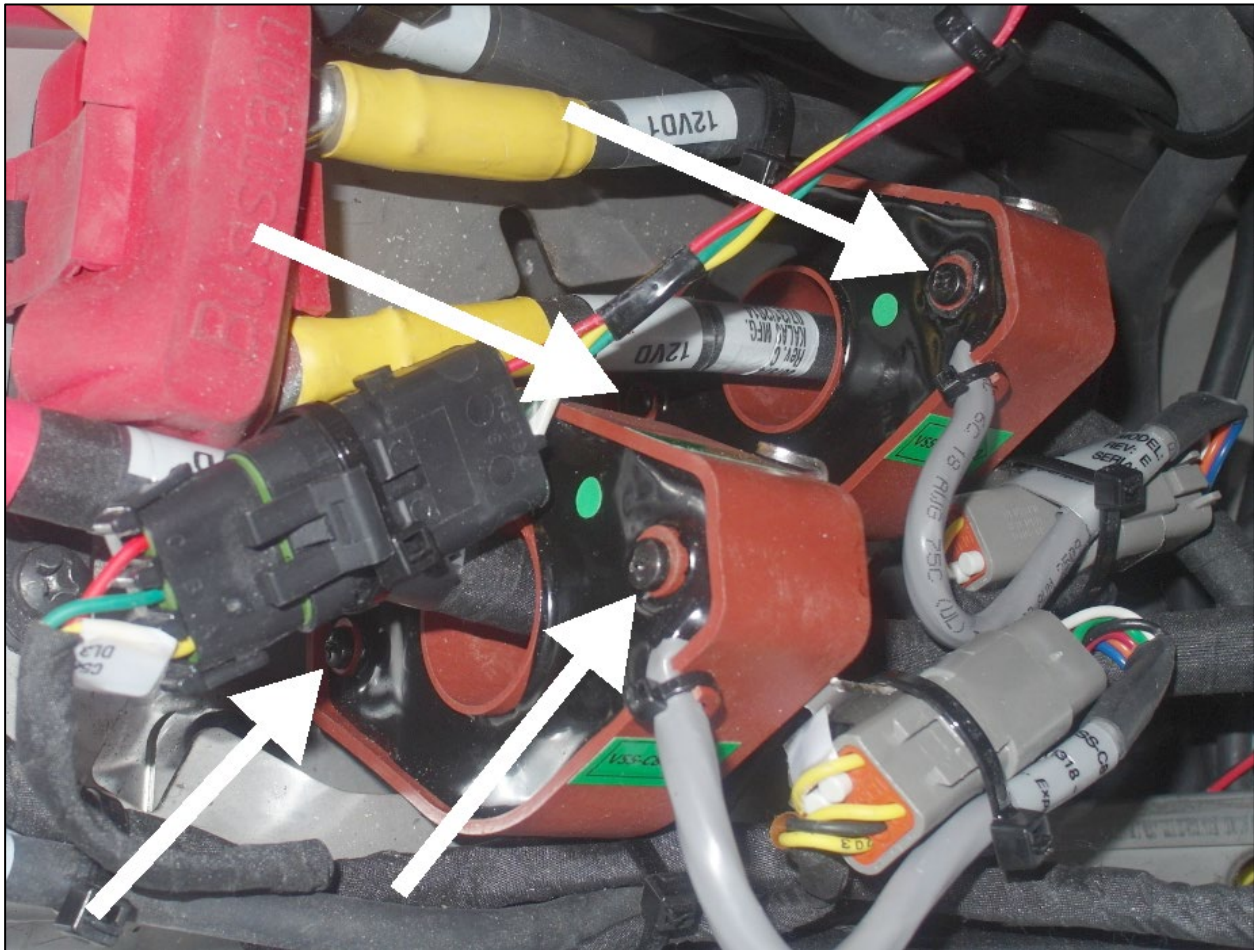


Figure 15 : X series sensor mounting screws

12. Replace sensor by a new #067954.
13. Make sure new part's serial number is not part of defective list in table 2.
14. Reconnect 12V and / or 24 V cables. Tighten to 170 lbf-in (14 lbf-ft)
15. Reconnect ground cable last. Tighten to 170 lbf-in (14 lbf-ft)

**Table 2: Defective 067954 Current Sensor Serial Number List.**

*IF SERIAL NUMBER IS FOUND BELOW, REPLACE PART ONLY IF IT BEARS ONE GREEN DOT ;*

*IF PART BEARS TWO GREEN DOTS, PART IS CONSIDERED GOOD (NO REPLACEMENT) (FIG. 16)*



|                     |                     |                     |
|---------------------|---------------------|---------------------|
| <b>14300-274146</b> | <b>14307-274645</b> | <b>14311-275500</b> |
| 14300-274147        | 14307-274647        | 14311-275502        |
| 14300-274148        | 14307-274648        | 14311-275503        |
| 14300-274149        | 14307-274649        | 14311-275505        |
| 14300-274150        | 14307-274650        | 14311-275507        |
| 14300-274151        | 14307-274651        | 14311-275511        |
| 14300-274161        | 14307-274652        | 14311-275514        |
| 14300-274163        | 14307-274653        | 14311-275515        |
| 14300-274164        | 14307-274654        | 14311-275516        |
| 14300-274165        | 14307-274655        | 14311-275517        |
| 14300-274166        | 14307-274656        | 14311-275518        |
| 14300-274167        | 14307-274657        | 14311-275519        |
| 14300-274168        | 14307-274658        | 14311-275520        |
| 14300-274172        | 14307-274659        | 14311-275521        |
| 14300-274174        | 14307-274662        | 14311-275522        |
| 14300-274175        | 14307-274663        | 14311-275524        |
| 14300-274176        | 14307-274664        | 14311-275525        |
| 14300-274177        | 14307-274665        | 14311-275527        |
| 14300-274178        | 14307-274666        | 14311-275528        |
| 14300-274179        | 14307-274668        | 14314-275742        |
| 14300-274181        | 14307-274670        | 14314-275743        |
| 14300-274183        | 14307-274671        | 14314-275745        |
| 14300-274184        | 14307-274672        | 14314-275747        |
| 14300-274185        | 14307-274673        | 14314-275748        |
| 14300-274186        | 14307-274678        | 14314-275749        |
| 14300-274187        | 14307-274680        | 14314-275750        |
| 14300-274188        | 14307-274681        | 14314-275751        |
| 14300-274189        | 14307-274682        | 14314-275752        |
| 14300-274190        | 14307-274683        | 14314-275753        |
| 14300-274193        | 14307-274685        | 14314-275754        |
|                     | 14307-274686        | 14314-275755        |
|                     | 14307-274687        |                     |
|                     | 14307-274688        |                     |
|                     | 14307-274689        |                     |
|                     | 14307-274690        |                     |
|                     | 14307-274691        |                     |
|                     | 14307-274692        |                     |
|                     | 14307-274693        |                     |

**Table 2**

**TWO GREEN DOTS: PART IS OK!  
(PART HAS BEEN RECALIBRATED BY SUPPLIER)**



Figure 16 : Recalibrated “good” sensor

## PARTS / WASTE DISPOSAL

All replaced parts must be returned to Prevost according to the Return Shipping Instructions available on <https://www.prevostcar.com/content/warranty-documents> for full reimbursement. A copy of the warranty claim form must be enclosed with the shipment.

Discard waste according to applicable environmental regulations (Municipal/State[Prov.]/ Federal)

## WARRANTY

This modification is covered by Prevost's normal warranty. We will reimburse you the parts and one hour (1.0h) of labor upon receipt of a warranty claim. Please submit claim via our Online Warranty System, available at [www.prevostcar.com](http://www.prevostcar.com) (under Service \ Warranty section). Use Claim Type: "Bulletin/Recall" and select "Warranty Bulletin WB15-06".

## OTHER

|              |        |
|--------------|--------|
| VBC Bulletin | N/A    |
| Fail Code    | 06.10  |
| Defect Code  | 09     |
| Syst.Cond.   | B      |
| Causal Part  | 067954 |

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