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BOSCH HD10 ALTERNATOR CONNECTION INSPECTION

Prevost vehicles

DESCRIPTION

On the vehicles affected by this bulletin, inspect the Bosch HD10 alternator connections.

MODEL YEAR(S) AND VEHICLES INVOLVED

Model	VIN	Unit numbers
X3-45 coaches Model Year : 2011 to 2014	The following PWT Diversified fleet range: From 2PCG33497 <u>BC735005</u> up to 2PCG33494 <u>EC735578</u>	Individual units: 2944 and 5116, Unit ranges: From 2986 up to 2999, From 3032 up to 3035, From 3037 up to 3043, From 3091 up to 3099, From 5101 up to 5114, From 5118 up to 5142, From 5145 up to 5169.
	The following First Canada fleet range: From 2PCG33490 <u>CC735106</u> up to 2PCG33494 <u>CC735111</u>	N/A
<i>The above list of VIN was valid at the time of publishing this document. Please refer to SAP for most recent information about outstanding vehicles</i>		

MATERIAL

Order the following parts:

Part No.	Description	Qty
502573	WASHER, FLAT M6 STAINLESS STEEL	2
564590	ADAPTER STUD	1
5001182	NUT, M6 STAINLESS STEEL	2
5001341	WASHER, FLAT M8 STAINLESS STEEL	3

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5001787	NUT, M8 STAINLESS STEEL	2
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Other parts or products that might be required

Part No.	Description
684013	COLOR GUARD RUBBER COATING, 14.5 OZ CAN

PROCEDURE



DANGER

Park vehicle safely, apply parking brake, stop engine. In the battery box, set the battery cut-off switch to the OFF position prior to working on the vehicle.

Alternator cable connection overview.

Upper and lower alternator torque reference, cable and hardware arrangement (Fig. 1).

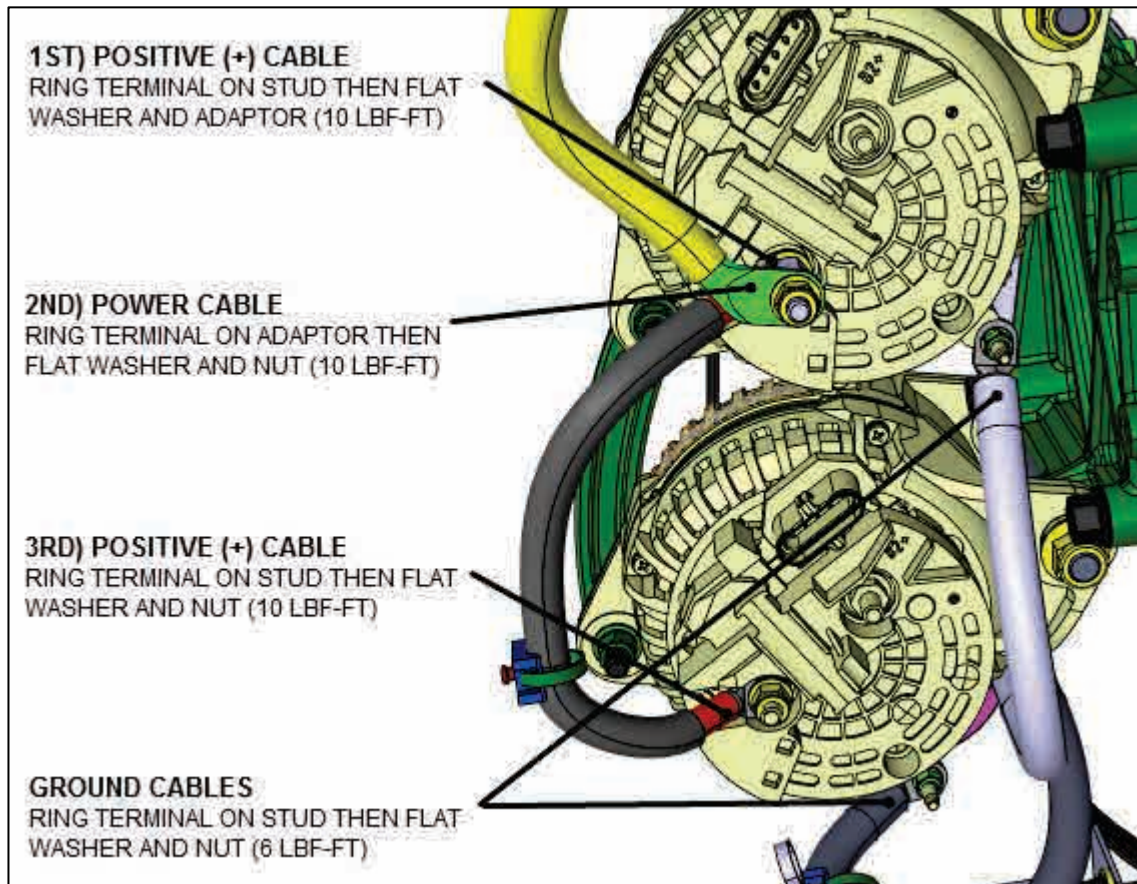


Figure 1

UPPER ALTERNATOR - (use new hardware for cable connection)

1. Confirm proper arrangement of power harness and positive (+) cable hardware.
2. Apply prescribed torque. (Fig. 2)

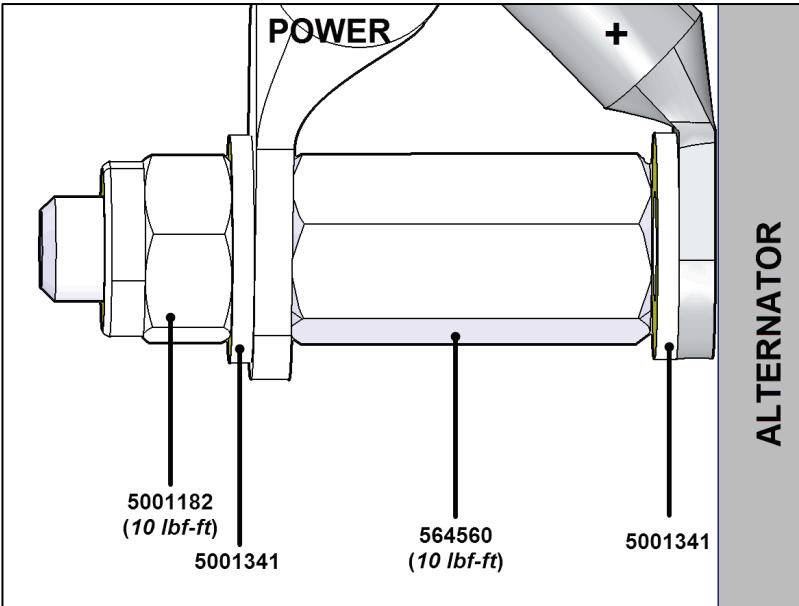


Figure 2

3. Confirm proper arrangement of ground cable.
4. Apply prescribed torque (Fig. 3)

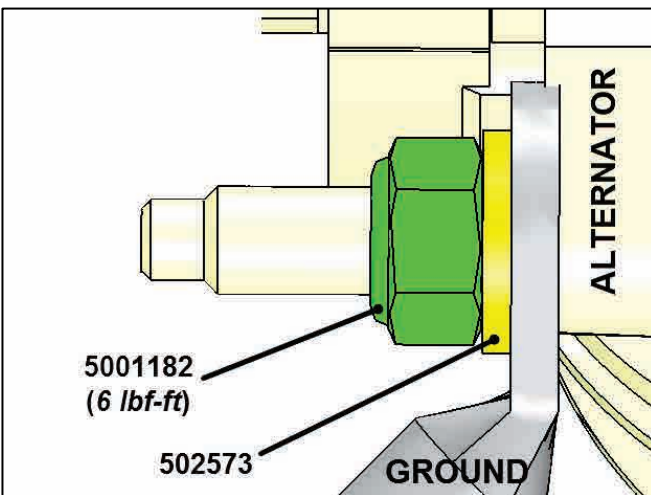


Figure 3

LOWER ALTERNATOR - (use new hardware for cable connection)

5. Confirm proper arrangement of positive (+) cable hardware.
6. Apply prescribed torque. (Fig. 4)

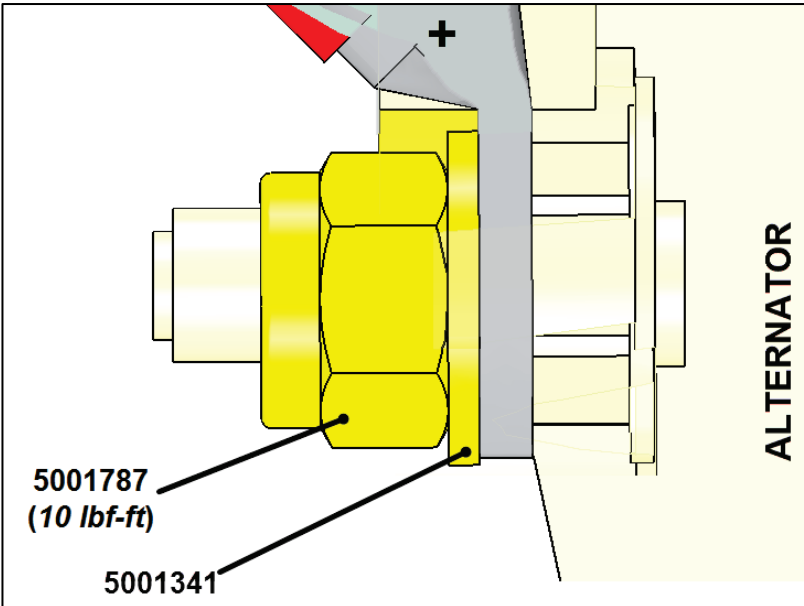


Figure 4

7. Confirm proper arrangement of ground cable.
8. Apply prescribed torque (Fig. 5)

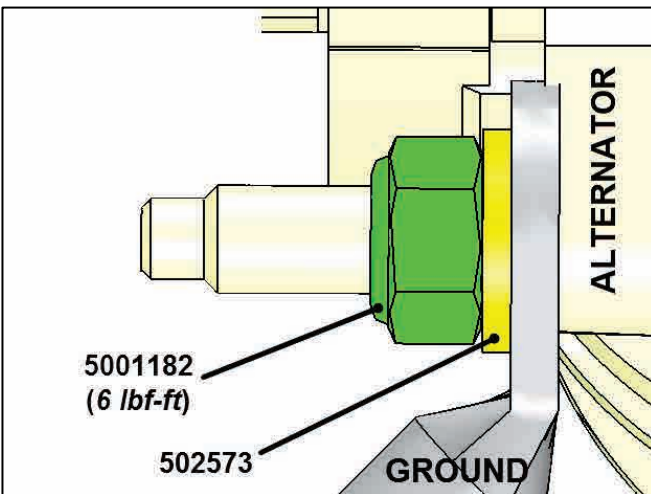


Figure 5

9. Apply anti-corrosion compound on alternator terminals and cable ring terminals or use color guard rubber coating #684013 if available.
10. Start engine and check proper operation. Check for proper operation of charging system.

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PARTS / WASTE DISPOSAL

Do not return replaced parts to Prevest.

ESTIMATED TIME

The time required to perform this special bulletin is approximately one (1.0) hour.

OTHER

VBC Bulletin	N/A
Fail Code	06.01
Defect Code	09
System Condition	B
Causal Part	564119

Prevest engages in a continuous program of testing and evaluating to provide the best possible product. Prevest, however, is not committed to, or liable for updating existing products.