



<b>Subject:</b> X12 Alternator Cable Support Bracket Shim Retrofit			
<b>Field Change Program:</b> Field Campaign	<b>FCP Number:</b> 484	<b>Revision:</b> A	<b>Date:</b> 09/17/2020
<b>Coach Section:</b> 07- Electrical	<b>P/N:</b> 07-10-0023		<b>Type:</b> Product Integrity

**Application:**

Coach Model	Model Year	VIN
D45CRT-LE	2019	81015, 81016, 81038
J4500	2020	68536, 69195, 69367, 69371, 69372, 69376 - 69378, 69382 - 69391, 69393 - 69395, 69431, 69436 - 69440, 69469, 69470, 69529 - 69541, 69554 - 69555, 69557, 69559 - 69571, 69574 - 69576, 69579 - 69587, 69591 - 69651, 69653 - 69658, 69661 - 69664, 69669 - 69696, 69698 - 69703, 69707 - 69745, 69747 - 69767, 69771 - 69779, 69783 - 69792, 69795 - 69802, 69805 - 69811, 69814 - 69820, 69826 - 69833, 69836 - 69840, 69847 - 69868, 69871, 69872, 69875 - 69885, 69889 - 69891

***This field campaign does not necessarily apply to all the above-mentioned coaches. The owners of the coaches affected by this field campaign will be advised by a letter indicating the Vehicle Identification Number (VIN) of each applicable coach.***

**⚠ WARNING**

***Read this entire procedure before beginning work.***

***Use Safe Shop Practices at All Times.***

***To avoid personal injury:***

- a. Proper Personal Protective Equipment (PPE) must be worn. Safety glasses and protective gloves are required for working with DEF Fluid.***
- b. Turn the main battery disconnect switch to the OFF position.***
- c. Ensure that both the front and the rear wheels are chocked.***
- d. Position the ENGINE RUN and ENGINE START switches on the engine compartment remote control box to the OFF position.***
- e. Allow enough time for components to cool down prior to working in the engine compartment.***

## 1.0 Description

### Customer complaint:

Motor Coach Industries (MCI) has become aware that, on certain J4500 and D45CRT-LE, coaches equipped with Cummins X12 engine, the top alternator power and ground cables may potentially come in contact with the edge of the clamp mounting bracket.

### Cause:

The support bracket is out of specification.

### Corrective action:

MCI recommends owners of the affected coaches have the following procedure performed to add a shim between the mounting bracket and the clamp.

## 2.0 Material requirements

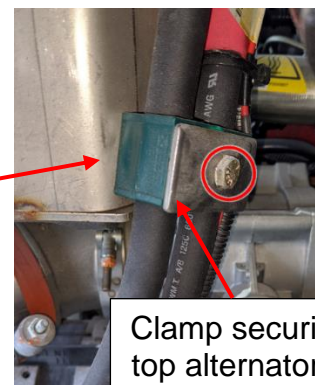
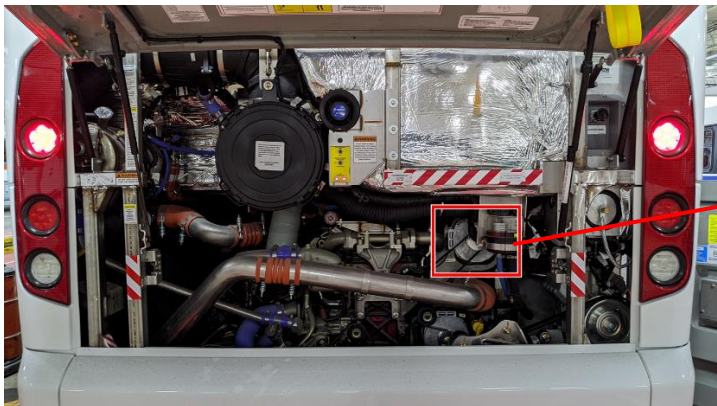
ITEM	PART NO	QTY	U/M	DESCRIPTION
1	07-10-2327	1	EA	Spacer- Bracket assy, Alt. Top, Gnd and Pwr Cable

## 3.0 Special tools

Adhesive Loctite 243, MCI P/N: 23-02-0088.

## 4.0 Procedure

Open the engine door and locate the clamp securing the top alternator ground and power cables.



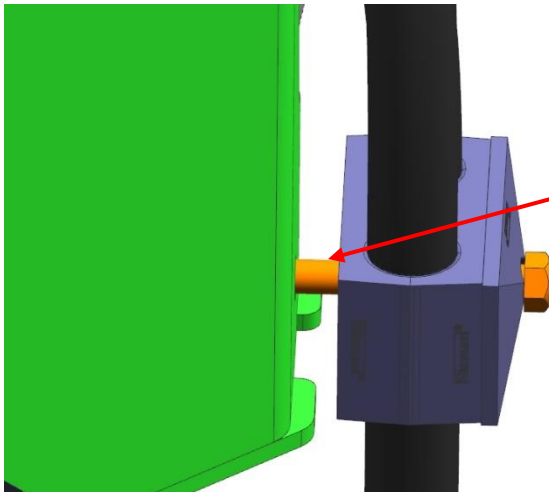
Clamp securing the top alternator cables

Loosen the bolt securing the clamp. Ensure not to remove the bolt completely.



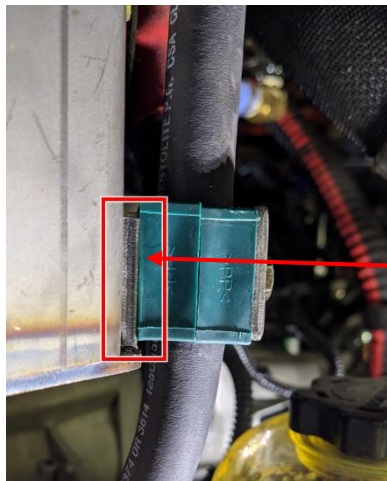
Loosen the bolt

Apply Loctite 243, MCI P/N: 23-02-0088, on the exposed threads.



Apply Loctite 243,  
23-02-0088

Insert the shim between the mounting bracket and clamp. Re-tighten the bolt and torque it to 80 inch-lbs.



Insert the shim and re-tighten the bolt. Torque the bolt to 80 In-Lb



## **5.0 Field Change Program Conditions:**

The part required for this change will be supplied without charge.

A labor allowance of 0.5 hours will be granted for the rework.

This labor allowance will be credited to your MCI Fleet Support Parts Account on receipt of the attached "MCI Field Change Program Verification Form" and a "Warranty Claim Form" as detailed in your Owner Warranty manual to MCI's Warranty department. A "MCI Field Change Program Verification Form" needs to be submitted for each VIN affected. Photocopy the attached "MCI Field Change Program Verification Form" as required for the number of affected coaches in your fleet.

This program will end on September 16, 2021.

Motor Coach apologizes for any inconvenience resulting from this campaign but urges you to implement this change as soon as possible.

Sincerely,

Motor Coach Industries



### 5.1 MCI FIELD CHANGE PROGRAM (FCP) VERIFICATION

CONTACT INFORMATION	
<b>CUSTOMER NAME:</b> _____ (PLEASE PRINT)	
FCP INFORMATION – ONE FORM PER UNIT	
<b>FCP#:</b> _____ <b>Coach Model</b> _____ <b>Model Year</b> _____	
<b>COACH SERIAL #:</b> (At least the last 5 digits)	<b>DATE COMPLETED</b> __ / __ / ____
<b>MILEAGE:</b>	
<b>IMPORTANT: TO RECEIVE CREDIT FOR ANY ALLOWABLE LABOR CHARGES, THIS VERIFICATION FORM MUST BE RETURNED TO MCI UPON COMPLETION OF THE FCP.</b>	
<b>SUBMITTED BY:</b> (Please Print) _____ DATE __ / __ / ____	
<b>TITLE:</b> (Please Print) _____	
<b>SIGNATURE:</b> _____	
<b>COMMENTS:</b>	



**FAX TO: 800-360-8886**

Mail or fax the completed limited warranty claim form and verification form to MCI's warranty department, or photocopy and mail to:

**MCI Fleet Support**

**Attn: Warranty Department**

**7001 Universal Coach Drive Louisville, KY 40258**

**Fax Number 1-800-360-8886**

To receive credit for the hours used to complete this task. Contact the MCI Fleet Support Technical Center at 1-800-241-2947 for any further information.