



Service Bulletin No. 3074

MODEL E / J Series Coaches	TYPE Product Improvement	SECTION/GROUP 7 – Electrical	DATE Nov. 13, 2012
SUBJECT ENGINE HARNESS CLAMP			
CONDITIONS Parts may be purchased from MCI Service Parts, Louisville, Kentucky.			

Description:

The following MCI service bulletin outlines the necessary procedure steps to replace the existing 2007 EPA Cummins engine harness p-clip, in the event that loom damage or chafing has occurred.

This retrofit kit is applicable to E4500 and J4500 series coaches equipped with a 2007 EPA Cummins engine in the range of, and including, unit numbers 64342 to 65943.

Parts

<u>Qty.</u>	<u>New P/N</u>	<u>Description</u>
1	26-07-0042	Kit, 2007 EPA Cummins Engine Harness <i>Kit Contents Are:</i>
1	07-08-4525	Tie Base, Large
3	07-08-4527	Cable Tie, Heavy Duty
1	07-08-4535	Cover, Loom
1	19-1-825	Screw, #10
1	19-3-228	Nut
1	19-02-6035	Washer
1	19-02-6063	Washer

Service Information:

1. Only new parts will be available for service replacement.

Service Procedure:

! WARNING

Read this entire procedure before beginning work.

Use Safe Shop Practices At All Times.

! WARNING

To avoid personal injury, never enter or perform work in the engine compartment prior to positioning the ENGINE RUN and ENGINE START switches on the engine compartment remote control box to the OFF position. Allow enough time for components to cool down prior to working in the engine compartment.

1. For E / J model coaches prior to 65013, turn the main battery disconnect switch to the OFF position. For E / J model coaches effective with 65013, activate the disconnect feature of the main battery disconnect (MDS) system by pressing (for one second only) the momentary toggle switch on the MDS module to OFF. An audible click can be heard from the main solenoids in the MDS module. Position the rotary switch to the DOWN (OFF) position.
2. Chock both sides of the tires.

3. Open the curbside, rear, side service compartment door.
4. Locate the engine harness shown in Figure 1.
5. Locate and remove the existing p-clamp and mounting hardware in the location shown in Figure 1. Discard the existing p-clamp and mounting hardware.

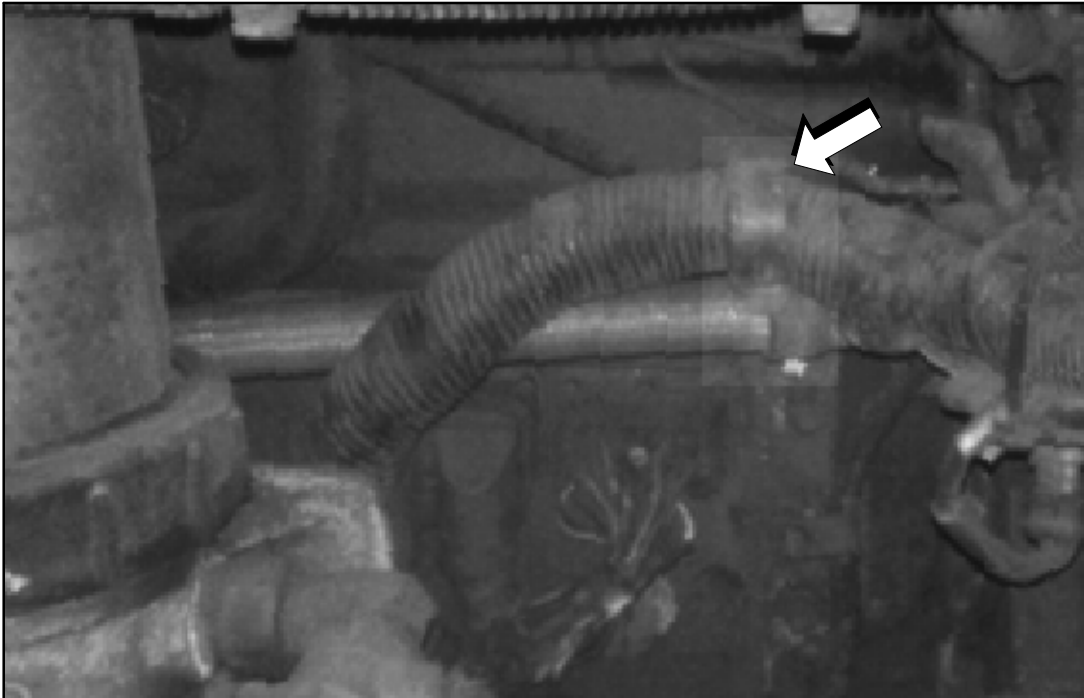


Figure 1. Curbside, rear, side service compartment.

NOTICE

Visually inspect the harness for damage. If the harness exhibits signs of wear and / or damage, contact the MCI Fleet Support Technical Center at 1-800-241-2947 for further information.

CAUTION

Do not over-tighten any tytraps, as damage to the harness may occur.

- 6. Mount the tie base, p/n 07-08-4552, using hardware p/n's 19-1-825, 19-3-228, 19-02-6063 and 19-02-6035 (refer to Figure 2).
- 7. Secure the harness using p/n's 07-08-4535 and 07-08-4527 (refer to Figure 2).

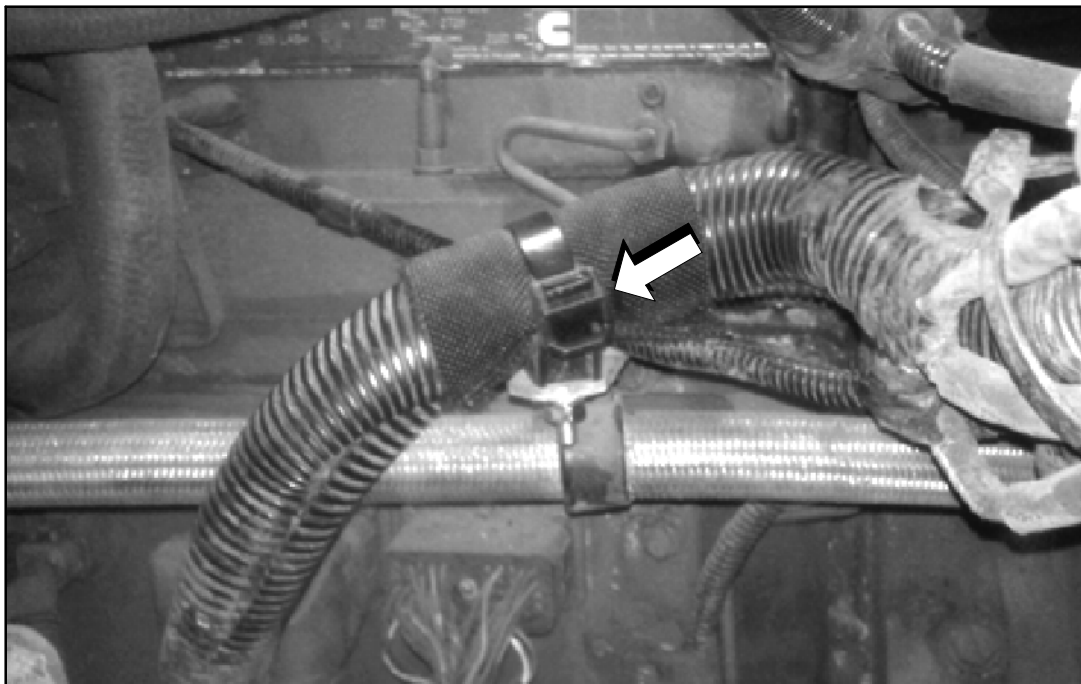


Figure 2.

- 8. Secure the harness throughout its routing using p/n's 07-08-4535 and 07-08-4527 (refer to Figure 2).

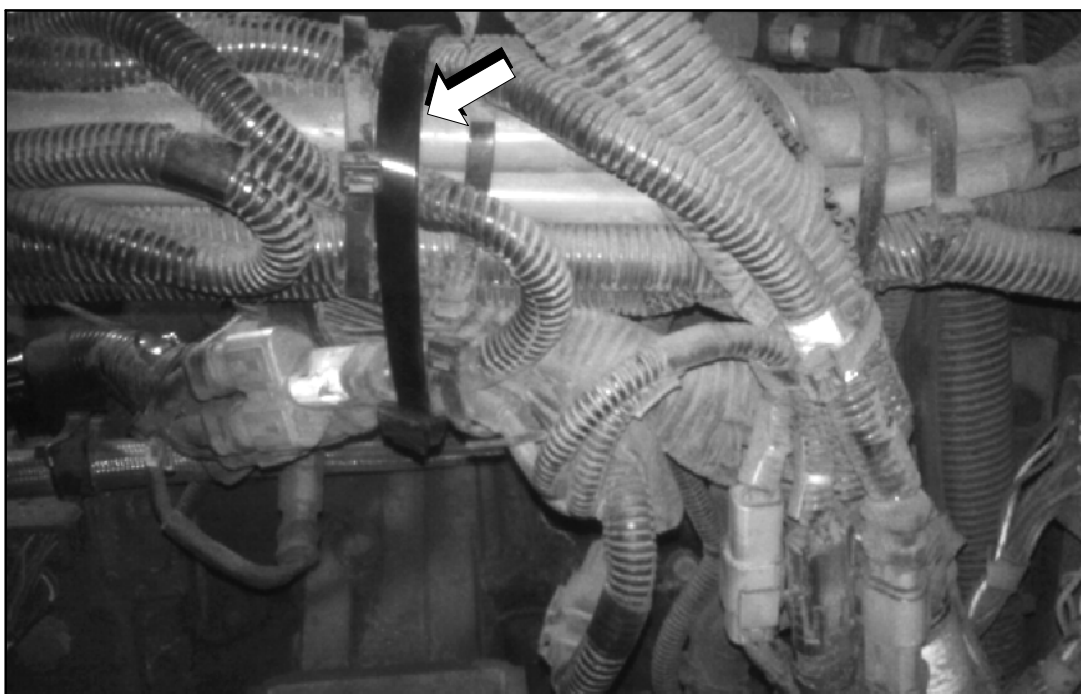


Figure 3.

- 9. Close the curbside, rear, side service compartment door.

Procedure complete.