



Subject: A/C Compressor Belt Replacement			
Field Change Program: Field Campaign	FCP Number: 485	Revision: A	Date: 09/17/2020
Coach Section: 16- Heating & A/C	P/N: 08-27-1357		Type: Product Integrity

Application:

Coach Model	Model Year	VIN
J4500	2019 - 2021	69529 - 69705, 69707 - 69909, 69911 - 69922, 69953, 69954

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 A/C compressors on certain J4500 coaches are making excessive noise and vibration.

Cause:

The A/C compressor belt drive system may result in vibration transferred to the coach frame, possibly resulting in noise and passenger discomfort.

Corrective action:

MCI recommends owners of the affected coaches have the following procedure performed as soon as possible to replace the A/C compressor belt.

2.0 Material requirements

ITEM	PART NO	QTY	U/M	DESCRIPTION
1	08-27-1538	1	EA	Belt-A/C Compr, 5VX, matched set

3.0 Special tools

Ratchet strap (Vendor: U-Line, VPN: H-2068) or MCI Tensioner Compressor tool, P/N: 20-13-6675.

Belt alignment tool (Vendor: VibrAlign, VPN: 100-BH2)



Belt alignment tool



Ratchet Strap

4.0 Procedure

Open the engine door using the latch behind the curbside service door.



Rotate the lever
counterclockwise

Use a ratchet strap or MCI tensioner compressor tool, P/N: 20-13-6675, to clasp the AC belt tensioner. Remove and discard the A/C belt.



Remove and discard
the belt using ratchet
strap or MCI tensioner
compressor tool, P/N:
20-13-6675

WARNING

Spring is under compression and in tension.

To prevent personal injury, use caution while using ratchet.

Remove and discard the double groove belt on the AC compressor.



Remove and discard the belt

Install single groove matched belts, MCI P/N: 08-27-1538, as shown below.



Install single groove matched belts, 08-27-1538

Remove the ratchet strap or MCI tensioner compressor tool, P/N: 20-13-6675, from the AC belt tensioner.



Remove the ratchet strap or MCI tensioner compressor tool, P/N: 20-13-6675

5.0 Verification

Use the belt alignment tool to verify alignment of AC compressor pulley to the pulley on the crankshaft following the instructions in the maintenance manual section 16A-2.



Laser line on the tool



6.0 Field Change Program Conditions:

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

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



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.