



Service Bulletin No. 386

MODEL E4500 / J4500 Series Coaches	TYPE Field Change Program	SECTION/GROUP 6-Cooling	DATE June 1, 2012
SUBJECT FAN CLUTCH BUSHING			
CONDITIONS			

Customer Complaint:

Motor Coach Industries ("MCI") has become aware that the fan clutch bracket bushing on certain E4500 and J4500 coaches may walk out of the bracket, which may allow clutch mis-alignment and belt failure.

Cause:

The cause is due to the absence of a washer.

Corrective Action:

MCI strongly encourages owners of the E4500 and J4500 model coaches listed in the table below to replace the fan clutch bracket mounting hardware by implementing the steps in this procedure as soon as possible.

65758	65782	65783	65791	65792
65801 to 65806	65877	65917 to 65919	65923	65956 to 66104

Parts

<u>Qty.</u>	<u>New P/N</u>	<u>Description</u>
1	26-06-0010	Kit, Fan Drive Clutch Bushing <i>Kit Contents Are:</i>
1	19-01-1518	Capscrew
2	19-02-0388	Washer
1	19-03-0497	Nut

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. 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 engine compartment door.
4. Locate the fan clutch, on the roadside section of the engine compartment (refer to Figure 1).

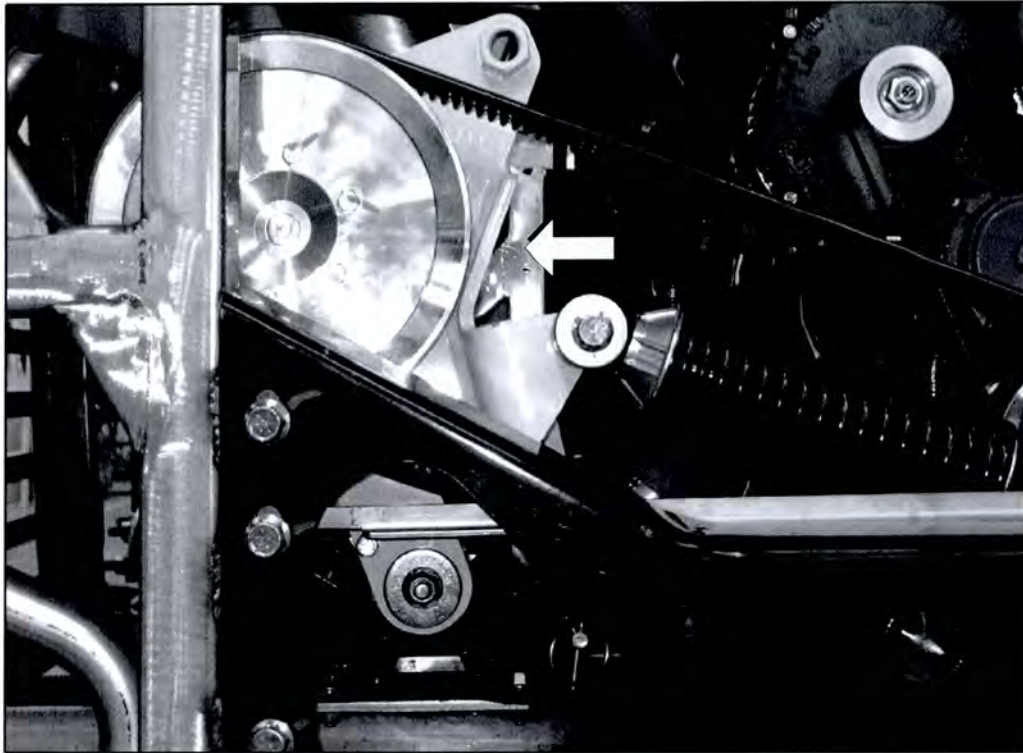


Figure 1.

5. Locate the belt tension shock assembly connected to the fan clutch installation (refer to Figure 2).

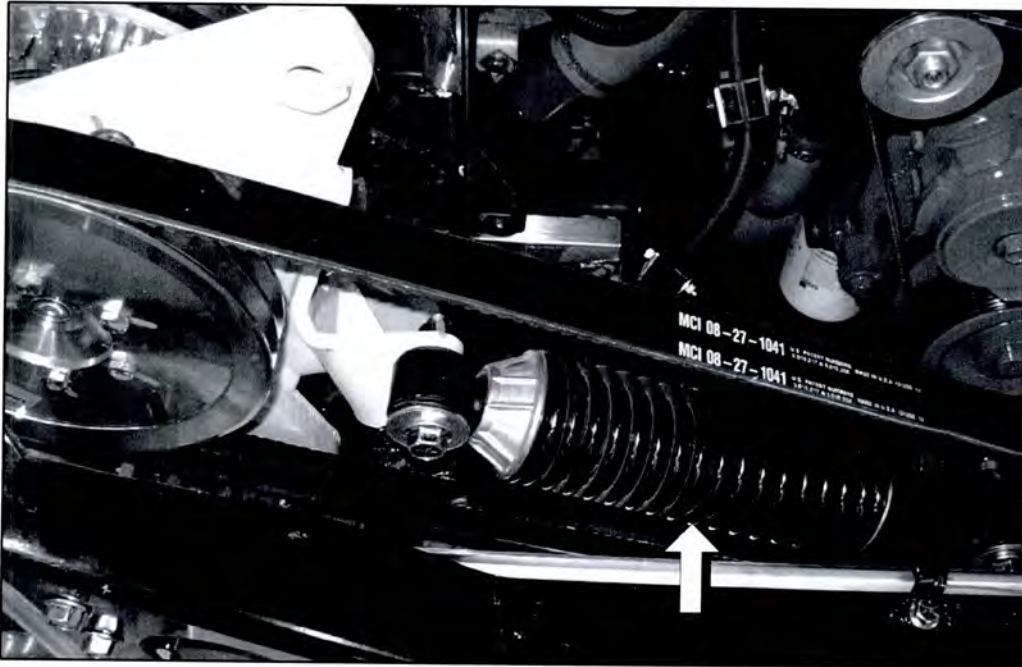


Figure 2.

⚠ WARNING

Use caution when compressing the shock to avoid personal injury.

6. Using a ratchet strap, carefully compress the shock to achieve enough slack for belt removal from the fan clutch pulley (refer to Figure 3).

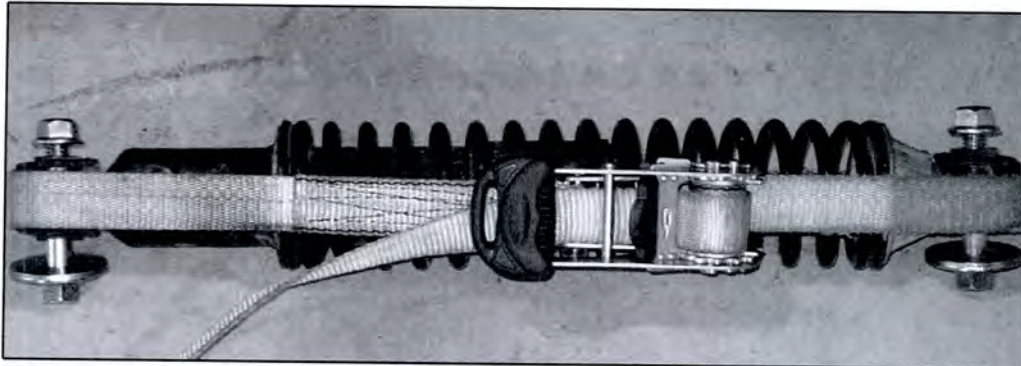


Figure 3. Reference photo of ratchet strap compressing the shock.

7. Carefully remove the belt from the fan clutch pulley.

NOTICE

If the bushings located at the fan clutch bracket (refer to Item 4 in Figure 5) show visible signs of any damage or lateral displacement, take a digital photo and contact the MCI Fleet Support Technical Center at 1-800-241-2947 for further information.

8. Locate the fan clutch bracket mounting bolt, at the base of the assembly (refer to Figure 4).
9. Remove and discard the fan clutch bracket mounting bolt and mounting hardware.

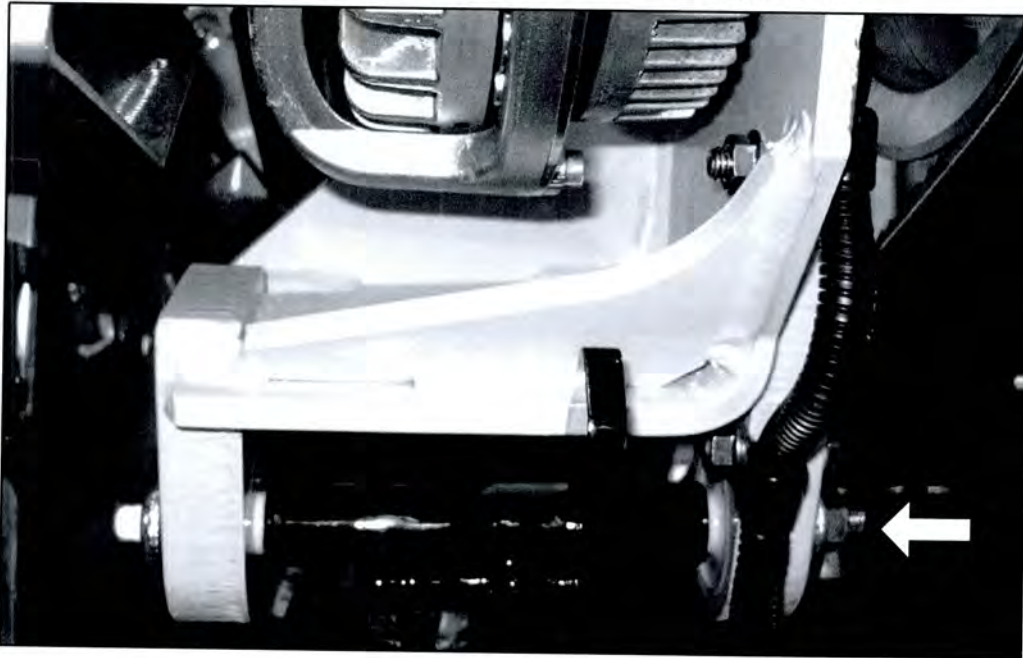


Figure 4.

10. Orient and install new capscrew, p/n 19-01-1518, washers, p/n 19-02-0388, and nut, p/n 19-03-0497 as shown in Figure 5. Tighten nut to secure installation (the nut will be torqued at a later step).

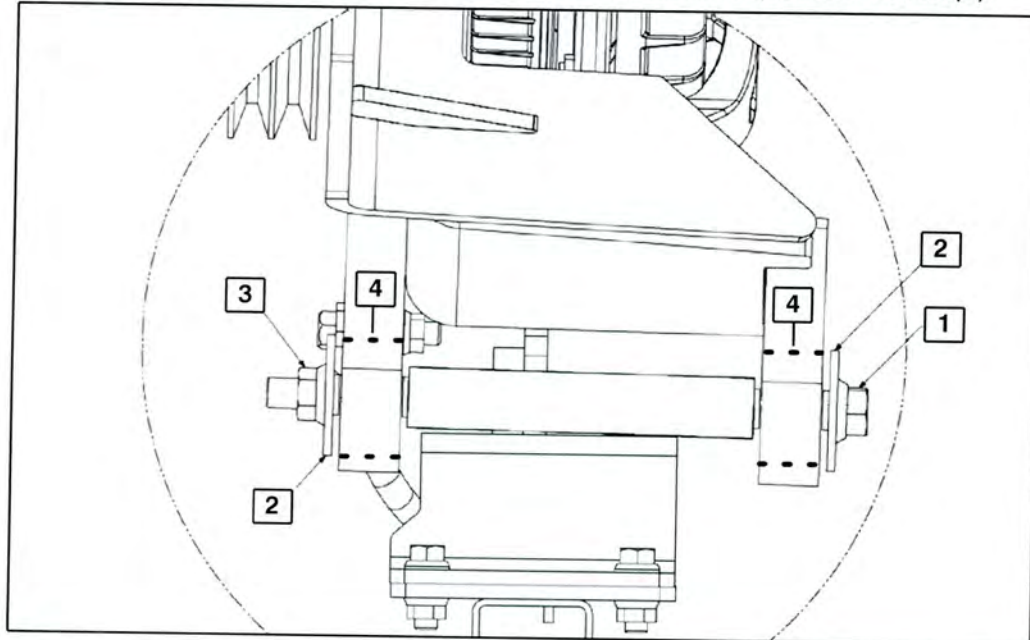


Figure 5.

ITEM	DESCRIPTION
1	Capscrew
2	Washer
3	Nut
4	Bushing

11. Orient and re-install the belt on the fan clutch pulley.
12. Torque the nut, p/n 19-03-0497, to 80–88 ft-lbs.
13. Carefully release the tension from the ratchet strap compressing the shock.
14. Close the engine compartment door.

Procedure complete.

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.

Field Change Program Conditions:

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

A labor allowance of 0.5 hours will be granted for the procedure of installing the specified part(s) in this bulletin on affected E4500 and J4500 Series coaches.

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 December 17, 2012.

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



Reliability Driven™

MCI FIELD CHANGE PROGRAM (FCP) VERIFICATION

CONTACT INFORMATION	
CUSTOMER NAME: _____ <small>(PLEASE PRINT)</small>	
FCP INFORMATION – ONE FORM PER UNIT	
FCP#: _____	Coach Model _____ Model Year _____
COACH SERIAL #: <small>(At least the last 5 digits)</small>	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: <small>(Please Print)</small> _____ DATE __ / __ / __	
TITLE: <small>(Please Print)</small> _____	
SIGNATURE: _____	
COMMENTS: 	

FAX TO: 800-360-8886

MAILING ADDRESS:

MOTOR COACH INDUSTRIES
ATTN: WARRANTY DEPT.
7001 UNIVERSAL COACH DRIVE
LOUISVILLE, KY 40258

MCI part # 03-15-7738C