



Service Bulletin No. 374

MODEL E / J Series Coaches	TYPE Field Change Program	SECTION/GROUP 6 – Cooling	DATE Jan. 13, 2012
SUBJECT LINNIG FAN CLUTCH COOLING RING			
CONDITIONS			

Customer Complaint:

Customers may experience stress cracks and/or missing portions of the fan clutch cooling ring fins.

Cause:

The cause is due to vendor (Linnig) manufacturing process.

Corrective Action:

MCI strongly encourages owners of the E4500 and J4500 model coaches listed in the table below to implement the steps in this procedure as soon as possible.

63873 to 65764				
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Parts

Qty.	New P/N	Description
a/r	06-06-1582	Clutch, 3 Speed, Linnig (as required per inspection criteria only)

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.

NOTICE

Per the instructions in the attached Linnig Service Bulletin / Checking for Defective Cooling Ring on Linnig Fan Clutch, a routine clutch inspection should be conducted during every oil change and normal PM intervals.

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 engine door.
4. Locate the fan clutch (refer to Figure 1).

5. Using the wheel wrench and handle in the drag link compartment, apply controlled downward force on the fan clutch assembly to remove the belt from the fan clutch (refer to Figure 1).



Figure 1.

CAUTION

Do not pressure wash the fan clutch, or in the immediate installation area.

6. Using a clean cloth, clean the fan clutch and cooling ring.
7. Visually inspect the entire fan clutch cooling ring (cooling ring will spin freely with the belt removed) for evidence of stress cracks and/or missing portions of the fins (refer to Figure 2 below, in addition to the attached Linnig Service Bulletin / Checking for Defective Cooling Ring on Linnig Fan Clutch).

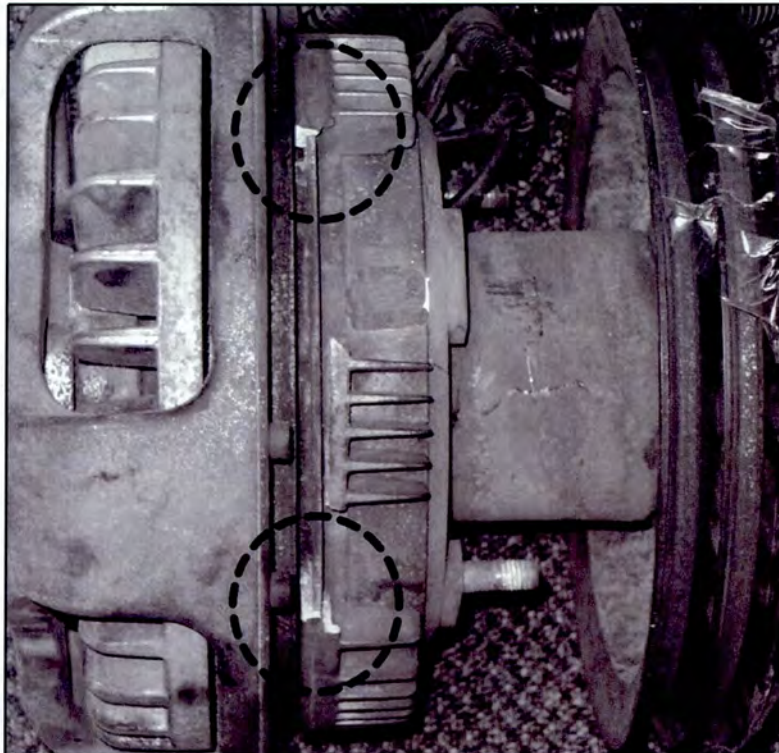


Figure 2. Reference photo of missing portion of cooling ring fins.

NOTICE

Upon completion of visual inspection, if the fan clutch cooling ring displays no stress cracks and/or missing portions of the fins, re-install the belt and close the engine compartment door. Return the wheel wrench and handle to the drag link compartment. No further action required. Procedure complete.

Upon completion of visual inspection, if the fan clutch cooling ring displays evidence of stress cracks and/or missing portions of the fins, contact the MCI Fleet Support Technical Center at 1-800-241-2947 for fan clutch cooling ring replacement information. Re-install the belt and close the engine compartment door. Return the wheel wrench and handle to the drag link compartment. No further action required. Procedure complete.

NOTICE

Per the instructions in the attached Linnig Service Bulletin / Checking for Defective Cooling Ring on Linnig Fan Clutch, a routine clutch inspection should be conducted during every oil change and normal PM intervals.

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:

A labor allowance of 2.0 hours will be granted for the procedure of replacing the fan clutch (as required per inspection) on E4500 and J4500 Series coaches. The parts required for this change will be supplied without charge.

NO PAYMENT WILL BE ISSUED BY MOTOR COACH INDUSTRIES UNTIL THE COMPLETED WARRANTY CLAIM FORM AND THE EXISTING DAMAGED CLUTCH HAVE BEEN RECEIVED BY MCI.

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.

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



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:	
<u>IMPORTANT:</u> 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: 1-800-360-8886

MAILING ADDRESS:

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

MCI PART #03-15-7738B

SERVICE BULLETIN

TO: Motor Coach Ind

FROM: LINNIG Corp

TOPIC OF DISCUSSION: Checking for defective cooling ring on LINNIG fan clutch: LA1.3.011Y, LA1.3.013Y & V1821Y; MCI p/n: 06-06-1220 & 06-06-1582

COACH AFFECTED: 2007-2009 E & J Coaches

- Shut off engine & power supply to the clutch prior to inspection
- Conduct a clutch inspection prior to any scheduled or unscheduled maintenance to the coach with the engine and power shut off
- Locate the cooling ring that is affected on the fan clutch (See figure 1)
- Inspect the cooling ring for defects such as stress cracks or missing portions (See figure 2 & 3)
- A routine clutch inspection should be conducted during every oil change and normal PM intervals
- If any defects are present, replace the fan clutch (06-06-1220) immediately to avoid further damage(s) or injury

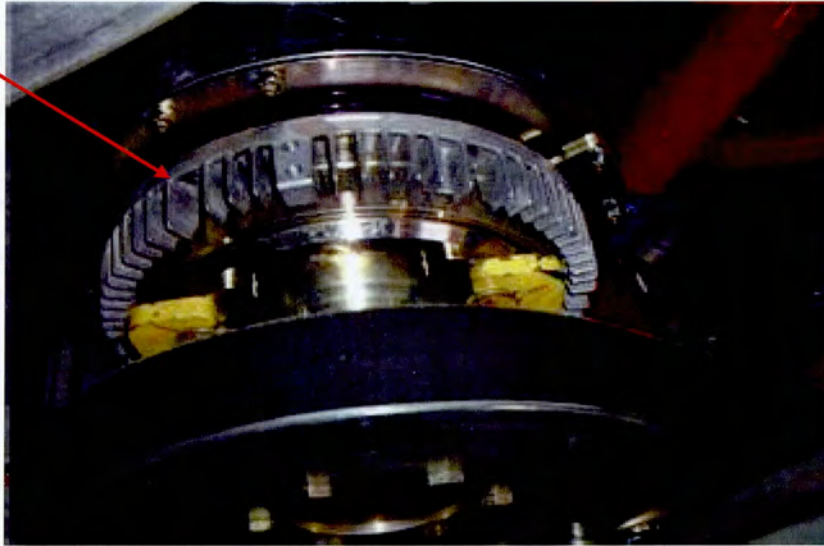


Figure 1: Exhibits the fan clutch that is affected

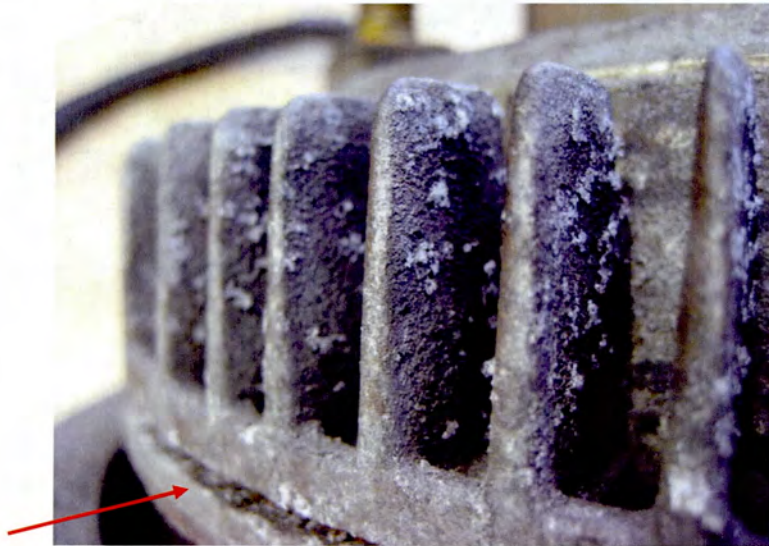


Figure 2: Exhibits a stress crack on the cooling ring



Figure 3: Exhibits missing portion of the cooling ring