

Elkhart Coach

52807 County Road 7
Elkhart, Indiana 46514

Defect Information Report (Section 573.6)

June 30, 2008

(c)(2) **Manufacturer:** Elkhart Coach
52807 County Road 7
Elkhart, Indiana 46514
(574) 264-5179

Brands: Elkhart Coach

(c)(2) **Vehicles identification:**

Models affected:

ECI and ECII

Model Years: 2008-2009

Manufacture Dates: 09/26/08-11/17/08

Basis for Determining Population: All models built with certain Air Conditioning Equipment. Specifically the recall process applies to the Carrier rooftop mounted "K410 Condenser Assemblies".

Component Manufacturer if other than the vehicle manufacture: Carrier Corporation.

(c)(3) **Total Number of Vehicles Potentially Affected:** 5 buses

(c)(4) **Percentage of Vehicles Estimated to Contain the Defect:** 100%

(c)(5) **Description of the Defect:** Analysis by Carrier of the potential safety issue determined that the cover component for some K410 condenser assemblies may interfere with the coil header when the cover is placed on the unit assembly. The interference prevents the cover from resting on the mounting surface, creating a gap between the cover and the unit assembly. This issue results in a condition that will not permit the cover fasteners to securely clamp the cover to the unit assembly. In the event this condition occurs during passenger operations the defect may cause the cover of the rooftop condenser unit to detach from the unit which could result in serious injury to persons in the vicinity of the bus.

(c)(6) **Chronology of Principle Events:**

On May 20, 2009, ProAir LLC, a local Carrier Dealer where Elkhart Coach purchased the units related to this recall, notified Elkhart Coach of a potential defect with K410 Condenser Assemblies, that may have been installed on Elkhart Coach buses. At that time ProAir was compiling the list of the serial and vehicle identification numbers that may be affected. On June 1, 2009 ProAir notified Elkhart Coach of the complete list of 5 Condenser units and Serial Numbers that

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were determined to have the defect. No claims, accidents, injuries or fatalities had been associated with the defect. Based on a review of these identification numbers and a review of the Carrier's Part 573 Defect Information Report, Elkhart Coach has determined the need complete the recall procedures.

(c)(7) Noncompliance-test or other data: Not applicable

(c)(8) Remedial program:

Requires retrofitting with Carrier retrofit kit provided at no charge. Elkhart Coach in cooperation with Carrier, will provide owners of all covered K410 Condenser Fan Assemblies a rework for the potential defect at no charge for parts or labor. The rework consists of affixing a spacer to the K410 kit to insure the cover makes proper contact with the unit frame; changing the fasteners that secure the unit cover to the frame to hex head screws with fender washers to increase the load bearing area under the screw head; and applying loctite to the screw threads to further mitigate the possibility of the screws loosening.

Estimated Dealer Notification Date: All of the buses with the affected K410 Assemblies were sold to one dealer (North Central Bus Sales) and were in turn sold to one unique customer (MNDOT). Elkhart Coach estimates dealer notification to be complete by 7/14/09.

Estimated Owner Notification Date: Elkhart Coach estimates owner notification to be complete by 7/14/09. Completed warranty activations forms have identified two specific MNDOT locations and contact information where the buses were delivered.

Reimbursement Plan: Parts and labor for the repair will be at no charge through the Carrier claims department.

(c)(9) Communication sent to dealers and owners: A copy of Elkhart Coach's dealer notification letters been submitted with this report.

(c)(10) Copy of proposed owner notification letter: A copy of Elkhart Coach's owner notification letter has been submitted with this report.

(c)(11) Manufacturer's campaign number: #EQ09-005 K410 Recall