U.S. Department of Transportation

National Highway Traffic Safety Administration

ODI RESUME

OFFICE OF DEFECTS INVESTIGATION

NHTSA

Authentic US Government Information
National Highway Traffic Safety Administration
uses a *digital certificate* to ensure
the content has remained unchanged

Investigation: EQ 11-002
Prompted by: 11E-003
Date Opened: 02/17/2011
Investigator: Alexander Ansley
Approver: Jennifer Timian
Subject: Carrier EM-1 Evaporator Fires

MANUFACTURER & PRODUCT INFORMATION

Manufacturer: CARRIER CORPORATION
Products: Carrier GenV EM-1 Evaporator Units made 1/2006 - 12/2010
Population: 44,915

Problem Description: Certain Carrier EM-1 evaporators contain a fuse holder that may melt and cause a fire in school buses and shuttle buses.

FAILURE REPORT SUMMARY

	ODI	Manufacturer	Total
Complaints:	0	TBD	TBD
Crashes/Fires:	0	TBD	TBD
Injury Incidents:	0	TBD	TBD
Fatality Incidents:	0	TBD	TBD
Other*:	0	TBD	TBD

***Description of Other:**

ACTION / SUMMARY INFORMATION

Action: Open EQ

Summary:

On January 25, 2011, Carrier Corporation (Carrier) notified the NHTSA that it had decided certain GenV EM-1 evaporator assemblies, installed into school buses and shuttle buses, contain a safety related defect. Carrier stated that certain EM-1 evaporators, manufactured between January 2006 and December 2010, contain a Delphi Pack-ConIII fuse holder in an Allied Motion motor assembly. Over time, the Delphi fuse holder contacts may relax and possibly produce arcing. If sufficient arcing occurs, the fuse holder may melt, and may be accompanied by flame, smoke and potential fire. This issue was assigned recall number 11E-003.

RMD has been in contact with DELPHI in order to learn who has been supplied with the same or similar fuse holders. DELPHI is presently researching this issue. Also, Carrier has submitted a customer list of vehicle manufacturers that were sold these defective evaporators.

The purpose of this EQ is to write to any other companies that might have purchased this equipment, notify them of this defect in any vehicles they manufactured, and to ensure thorough safety recalls are conducted where appropriate.