

Safety Defect and Noncompliance Report Guide for Vehicles
PART 573 Defect and Noncompliance Responsibility and Reports¹

On March 11, 2010 Turtle Top [MFR] decided that (a defect which relates to motor vehicle safety)(a noncompliance with Federal Motor Vehicle Safety Standard No. _____) exists in the motor vehicles listed below, and is furnishing notification to the National Highway Traffic Safety Administration in accordance with 49 CFR Part 573 Defect and Noncompliance Responsibility and Reports.

Date this report was prepared: March 11, 2010

Furnish the manufacturer's identification code for this recall (if applicable): Carrier (09E-055)

1. Identify the full corporate name of the fabricating manufacturer of the vehicle being recalled. If the recalled vehicle is imported, provide the name and mailing address of the designated agent as prescribed by 49 U.S.C. §30164.

Independent Protection Company, Inc., Turtle Top Division

Identify the corporate official, by name and title, whom the agency should contact with respect to this recall.

Janet L. Kercher-Dudley, Standards Engineer

Telephone Number: (574)831-4340 X146 Fax No.: (574)831-4349

Name and Title of Person who prepared this report.
Janet L. Kercher-Dudley, Standards Engineer

Signed:



¹ Each manufacturer must furnish a report, to the Associate Administrator for Enforcement, for each defect or noncompliance condition which relates to motor vehicle safety.

This guide was developed from 49 CFR Part 573, "Defect and Noncompliance Responsibility and Reports" and also outlines information currently requested. Any questions, please consult the complete Part 573 or contact Mr. George Person at (202) 366-5210, by FAX at (202) 366-7882, or by E-Mail to RMD.ODI@dot.gov.

I. Identify the Vehicle Models Involved in the Recall

2. Identify the Vehicles Involved in the Recall, for each make and model or applicable vehicle line (provide illustrations or photographs as necessary to describe the vehicle), provide:

Make(s): Turtle Top Model Years Involved: 2009 Model(s): Odyssey

Production Dates: Beginning: 05-18-2009 Ending: 10-01-2009

VIN Range: Beginning: Various Ending: Various

Vehicle Type: Bus Bodystyle: Transit Bus / Shuttle Bus

Descriptive information which characterizes/distinguishes the recalled vehicles from those model vehicles not included in the recall:

Recalled vehicles have a Carrier K410 Rooftop Air Conditioning Condenser Assembly.

Make(s): _____ Model Years Involved: _____ Model(s): _____

Production Dates: Beginning: _____ Ending: _____

VIN Range: Beginning: _____ Ending: _____

Vehicle Type: _____ Bodystyle: _____

Descriptive information which characterizes/distinguishes the recalled vehicles from those model vehicles not included in the recall:

Make(s): _____ Model Years Involved: _____ Model(s): _____

Production Dates: Beginning: _____ Ending: _____

VIN Range: Beginning: _____ Ending: _____

Vehicle Type: _____ Bodystyle: _____

Descriptive information which characterizes/distinguishes the recalled vehicles from those model vehicles not included in the recall:

Identify the approximate percentage of the production of all the recalled models manufactured by your company between the inclusive dates of manufacture provided above, that the recalled model population represents. For example, if the recall involved Vehicles equipped with certain items of equipment from January 1, 1996 through April 1, 1997, then what was the percentage of the recalled Vehicles of all Vehicles manufactured during that time period.

II. Identify the Recall Population

3. Furnish the total number of vehicles recalled potentially containing the defect or noncompliance.

Model	Year	Number of Vehicles Potentially Involved
Odyssey	2009	15
One fleet customer owns all vehicles affected by this recall.		

Total Number Potentially Affected by the Recall: 15

4. Furnish the approximate percentage of the total number of vehicles estimated to actually contain the defect or noncompliance: 100%

Identify and describe how the recall population was determined--in particular how the recalled models were selected and the basis for the beginning and final dates of manufacture of the recalled vehicles:

Recalled vehicles have a K410 rooftop air conditioning condenser assembly installed.
Announcement on recalled equipment was sent to Turtle Top from Carrier with information on affected climate control equipment in the form of a service bulletin (TAC-SER09-006).
Based on this information from Carrier and Pro Air LLC, along with sales order information for specific vehicles where the recalled equipment parts were optioned into the sales order, Turtle Top was able to determine potential vehicles affected under this recall.

III. Describe the Defect or Noncompliance

5. Describe the defect or noncompliance. The description should address the nature and physical location of the defect or noncompliance. Illustrations should be provided as appropriate.

Affected climate control systems sold and installed as original equipment on various buses with K410

condenser units may have inadequate electrical current protection. If there is a restriction to the normal operation of one or more of the K410's three fans, the existing over-current protection (circuit breaker) may not be sufficient to allow a safe failure mode. Photos by Carrier illustrating the problem are included with Carrier's service bulletin TAC-SER09-006.

Describe the cause(s) of the defect or noncompliance condition.

see above

Describe the consequence(s) of the defect or noncompliance condition.

One or more fan failures can cause overheating of the fan's wires.

Identify any warning which can (a) precede or (b) occur.

Inspection of wiring to determine if in-line fuses have been added. If not, perform service

bulletin TAC-SER09-006.

If the defect or noncompliance is in a component or assembly purchased from a supplier, identify the supplier by corporate name and address.

Carrier Corporation

One Carrier Place

Farmington, CT 06034-4015

860-674-3000

Identify the name and title of the chief executive officer or knowledgeable representative of the supplier:

Robert S. Picker Manager Service/Warranty

IV. Provide the Chronology in Determining the Defect/Noncompliance

If the recall is for a defect, complete item 6, otherwise item 7.

6. With respect to a defect, furnish a chronological summary (including dates) of all the principle events that were the basis for the determination of the defect. The summary should include, but not be limited to, the number of reports, accidents, injuries, fatalities, and warranty claims.

7. With respect to a noncompliance, identify and provide the test results or other data (in chronological order and including dates) on which the noncompliance was determined.

Carrier determined from notification from Chittenton Bus Service that a fiberglass cover of a K410 unit mounted on the roof of a bus appeared to have suffered damage from exposure to heat as outlined in Carrier's 573 Defect and Noncompliance Report 09E-055 on file with the NHTSA.

V. Identify the Remedy

8. A description of the manufacturer's program for remedying the defect or noncompliance. This program shall include a plan for reimbursing an owner or purchaser who incurred costs to obtain a remedy for the problem addressed by the recall within a reasonable time in advance of the manufacturer's notification of owners, purchasers and dealers, in accordance with §573.13 of this part. A manufacturer's plan may incorporate by reference a general reimbursement plan it previously submitted to NHTSA, together with information specific to the individual recall. Information required by §573.13 that is not in a general reimbursement plan shall be submitted in the manufacturer's report to NHTSA under this section. If a manufacturer submits one or more general reimbursement plans, the manufacturer shall update each plan every two years, in accordance with §573.13. The manufacturer's remedy program and reimbursement plans will be available for inspection by the public at NHTSA headquarters.

As noted in Carrier's 573 Defect and Noncompliance Report on file with the NHTSA, "A retrofit kit composed of three (3) inline fuse holders, fuses, connectors and complete instructions, will be provided for each K410 condenser assembly. Carrier will work in collaboration with the installers and bus manufacturers to contact end users of units which have to be retrofitted and to remedy affected buses". Turtle Top will notify the buses' owner and the buses will be repaired free of charge.

9. Furnish a description of the manufacturer's remedy for the defect or noncompliance. Clearly describe the differences between the recall condition and the remedy.

Carrier's remedy stated in question #8 above. Per Carrier's 573 Defect and Noncompliance Report 09E-055 on file with the NHTSA, "The remedy to address this potential safety issue consists of the addition of a 15 amp inline fuse installed in each of the three (3) fan's circuits. The addition of such fuse would open the circuit in the event of a fan's malfunction results in an over current condition".

Clearly describe the distinguishing characteristics of the remedy component/assembly versus the recalled component/assembly.

Carrier's characteristics of the remedy versus the recalled equipment stated in question #9 above.

Identify and describe how and when the recall condition was corrected in production. If the production remedy was identical to the recall remedy in the field, so state. If the product was discontinued, so state.

The recall condition was corrected in production according to Carrier's 573 Defect and Noncompliance Report on file with the NHTSA, "Carrier has stopped all direct sales of the K410 until this retrofit can be incorporated in the unit".

VI. Identify the Recall Schedule

10. Furnish a schedule or agenda (with specific dates) for notification to other manufacturers, dealers/retailers, and purchasers. Please, identify any foreseeable problems with implementing the recall.

Once Turtle Top's 573 Defect and Noncompliance Report and accompanying Draft Notification Letter has been approved by the NHTSA ODI, then Turtle Top's customer will promptly be notified of the safety recall and the vehicles' Turtle Top distributorship will also be notified.

VII. Furnish Recall Communications

11. Furnish a final copy of all notices, bulletins, and other communications that relate directly to the defect or noncompliance and which are sent to more than one manufacturer, distributor, or purchaser. This includes all communications (including both original and follow-up) concerning this recall from the time your company determines the defect or noncompliance condition on, not just the initial notification. A DRAFT copy of the notification documents should be submitted to this office by Fax (202-366-7882) or by E-Mail to RMD.ODI@dot.gov for review prior to mailing.

Note that these documents are to be submitted separately from those provided in accordance with Part 579.5 requirements.