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Thermo King North America

Via e-mail and overnight mail

March 28, 2013

Associate Administrator for Enforcement
National Highway Traffic Safety Administration
Attn: ODI/Recall Management Div. (NVS-215)
1200 New Jersey Ave., S.E.
Washington, D.C. 20590

RE: Section 573.6(c) Information Report

Dear Administrator:

Pursuant to 49 C.F.R. 573.6, Thermo King Corp. ("Thermo King") submits the following information:

- (1) Thermo King Corporation
314 W. 90th St.
Minneapolis, MN 55420

(2)(iii) Thermo King's T-Series units (Model T570R, T600, T600R, T800, T800R, T1000, T1000R, T1000 Spectrum) and V-Series units (Models 200/300/520) equipped with electric standby option. These units provide temperature control inside the van body of a truck by removing heat from the inside of the truck box to the outside ambient air. The T-Series unit is powered by a 3-cylinder diesel engine and/or a 230V 3-phase motor to drive a compressor. The V-Series unit is powered by the vehicle engine. These units were manufactured from January 2009 through February 2013.

(2)(v) Thermo King does not sell this equipment directly to any vehicle or original equipment manufacturers for installation in motor vehicles. Sales are through independent Thermo King dealers to the dealer's customers, with installations performed by Thermo King dealers, their customers, and third parties.

- (3) The total number of units sold: 8,330
- (4) Estimated percentage of units actually containing the defect: Unknown.



(5) These units attach to the front of the van body on the truck to provide cooling inside the van body. The electric standby option uses a power harness assembly with a junction box to connect the electric motor to the external power source. A liquid-tight connector and seal are used to prevent water from entering the junction box. Based on Thermo King's analysis of returned power harness assemblies, it appears that the units have an incorrectly sized connector and/or seal, resulting in water intruding into the junction box. Water ingress into the box may lead or contribute to corrosion which may compromise the connection between the power source and the receptacle terminals. The result may be an electrical short circuit or fire within the junction box. Note that the junction box is made of UL-rated flame-retardant material. Water intrusion into the junction box does not affect operation of the units in their normal mode (i.e., the non-standby electric mode).

(6) Thermo King has received reports from three customers of five power harness assemblies with the apparent water ingress condition. On or about February 14, 2013, Thermo King received a report from a customer that three (3) power harness assemblies had displayed evidence of water intrusion. Thermo King began to investigate the matter during this February 2013 time frame. As part of its investigation, Thermo King was provided three assemblies to examine. Of these three assemblies, two of the harnesses appeared to display water ingress only. One of the harnesses appeared to display water ingress along with evidence of an electrical smoldering fire that had been contained inside the junction box part of the power harness assembly. On or about February 20, 2013, Thermo King received another report from a customer that two (2) power harness assemblies had also displayed evidence of water intrusion.

Of the five power harness assemblies that were reported to have experienced water intrusion, Thermo King has only been provided three of the assemblies. Therefore, Thermo King has not had the opportunity to examine the two additional assemblies that were reported to have experienced water intrusion but were not provided to Thermo King for examination.

On March 21, 2013, Thermo King concluded its evaluation of the most recent information available and determined to take the voluntary remedial action that is the subject of this report.

(7) N/A

(8)(i) Thermo King intends to replace the existing connector and O-ring with a properly sized connector, new sealing washer and gasket.

Thermo King has determined that, to the extent any potentially affected units may have been remedied prior to this notification, the remedy would have been performed under Thermo King's warranty at no expense to the owner. Therefore, a general pre-notification reimbursement notice should not be necessary.

(8)(ii) Currently, Thermo King expects to begin notification to its dealer customers by April 8, 2013 and expects to complete the notification by April 18, 2013. Thermo King will notify NHTSA if this schedule should be delayed by more than two weeks.

(9) N/A



(10) A representative copy of all notices, bulletins, etc. will be provided to NHTSA. Thermo King will provide a draft notification letter to NHTSA for review.

(11) Thermo King will promptly notify NHTSA if Thermo King assigns a campaign number different than the identification number assigned by NHTSA.

Thermo King appreciates your assistance in this matter.

Sincerely,



M. Kathleen Padfield

