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Kenneth N. Weinstein
Associate Administrator for Safety Assurance
National Highway Traffic Safety Administration
400 Seventh Street, S.W.
Washington, D.C. 20590

6 APR 06

06V-113
(2 pages)

Dear Mr. Weinstein:

Pursuant to Part 573 of Title 49 of the Code of Federal Regulations, Defect and Noncompliance Reports, Gulf Stream Coach, Inc. submits the following information concerning a safety defect on 2003, 2004 & 2005 Model Year Gulf Stream Coach, Inc. motor homes built on Workhorse Custom Chassis built with Actia Corporate Instrument Clusters.

573.6 (c) (2) – Potentially Affected Vehicles

The following model year 2003, 2004 & 2005 Gulf Stream Coach, Inc. motor homes built from 8/26/02 through 3/4/05 are potentially affected;

Model Families: Sun Voyager, Sun Voyager Special Edition, Independence & Ultra Supreme

Model Numbers: 8292, 8295, 8301, 8320, 8328, 8329, 8330, 8335, 8336, 8351, 8353, 8360, 8361, 8368, 8376, 8377, 8378, 8379

573.6 (c) (3) – Estimated Population of Vehicles Potentially Affected

Nine hundred ninety-five (995) motor home chassis were identified by Workhorse as being sold to Gulf Stream Coach, Inc and included in recall 04V195.

573.6 (c) (4) – Estimated Percentage of Affected Vehicles with the Condition

At this point Gulf Stream Coach, Inc. estimates that 100% of the potentially affected vehicles were shipped with the defective cluster installed prior to Gulf Stream Coach, Inc. receiving notification from Workhorse of the defect.

573.6 (c) (5) – Description of the Noncompliance

The non-compliance exists in Gulf Stream Coach, Inc. motor homes built on Workhorse Custom Chassis (Workhorse) manufactured with the Actia Corporate Instrument Clusters. The cluster specification calls for activation of the Brake Failure warning message, audible alarm and warning light when there is a low brake fluid level condition (where applicable) or brake differential pressure problem. The Brake fail icon is shared with the park brake, but uses a different input to the cluster through a diode. If the Brake Fail input on the cluster (pin 15) falls below a voltage of 1.5V, according to specification, the brake failure lamp and alarm will be activated. This was successfully introduced in MY03. For MY04 this specification was mistakenly changed from a 1.5V threshold to a new threshold of only 0.5V. The result is that the Brake Failure warning message, audible alarm and warning light is not activated in the event of a fault condition, since the minimum voltage generated by a fault condition is 0.7V, which is higher than the cluster's threshold of 0.5V.

573.6 (c) (7) – Basis for Non-Compliance

Gulf Stream Coach, Inc. was informed of the non-compliance as a result of the NHTSA assigned recall number 04V-195 for Workhorse Custom Chassis (Workhorse).

573.6 (c) (8) – Service Program

On 4/6/06 Gulf Stream Coach, Inc. supplied Workhorse with an updated owner and dealer contact information for all of the possibly affected vehicles that were shipped from our production facility prior to having the recall work performed on them.

573.6 (c) (9) – Owner and Dealer Letters

Workhorse is sending the letters and conducting the recall.

Sincerely,

Jeffrey C. Satoski
Compliance Engineer
Gulf Stream Coach, Inc.
(574)289-8787 x3312