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11V-373
(3 pages)

July 19, 2010

Ms. Kelly Schuler
Recall Management Division
National Highway Traffic Safety Administration
400 Seventh Street S.W.
Washington, D.C. 20590

Dear Ms. Schuler:

I am writing to inform you that Genie Industries has recently received reports of machine fires on non-motor vehicle aerial lifts manufactured by Genie. Genie has determined that these fires are caused by the failure of a newly designed motor controller component supplied to Genie by Advanced Motors & Drives (a Kinetek, Inc. Controls Company). Genie has been installing this component on the above affected models since May 2, 2011 and sold as a replacement part from April 13, 2011 to July 13, 2011. A motor controller failure can result in a machine fire.

Although Genie has not had a fire on the above listed machines with the newly designed motor controller that have been sold to customers, Genie has decided to conduct a safety recall. Genie will conduct a notification and remedy campaign under the Vehicle Safety Act. Accordingly, we are submitting the enclosed Information Report containing the information required by Part 573 of your regulations, as well as a draft customer notification letter. Genie is prepared to start the campaign promptly after receiving your approval of the draft customer notification letter.

Genie will submit quarterly reports, pursuant to 49 CFR part 573.3 (a) and 573.5 as this recall progresses.

If you have any questions or need additional information, please feel free to contact me directly at 425-556-8663.

Sincerely,
Genie Industries, Inc.

Richard M Curtin
Product Safety Director



SN 110004 INFORMATION REPORT
(NHTSA RECALL NOTICE XXX-XXX)

- 1. Manufacturer’s name/address:** Genie Industries Inc. (“Genie”) is the manufacturer of the subject trailer mounted, articulating boom supported, aerial work platforms.
- 2. Vehicle involved in this notification:** The following model of TZ-34 and TZ-50 and motor controller P/N 96769 and 99854 sold as a replacement part for TMZ-34/19 and TMZ-50 is the subject of this recall:

TZ-34 produced between 5/02/11 and 6/30/11 and replacement part
TZ-50 produced between 5/02/11 and 6/30/11 and replacement part
TMZ-34/19 replacement part number
TMZ-50 replacement part number 96769 sold 4/13/11 and 7/13/11
Motor controller P/N 96769 sold 4/13/11 and 7/13/11
Motor controller kit P/N 99854 sold 4/13/11 and 7/13/11

These production dates cover 100% of the TZ-50 manufactured in the time frame listed above. Affected models can be identified by verification of the model, serial number and model year found on the serial plate as follows:

Model year serial numbers affected:

TZ34 – 2011	TZ3411-307 to 389
TZ50 – 2011	TZ5011-256 to 320
P/N 96769	serial number S1116004776 where:

S 11 16 00476	A = year (11 and higher)
A B C	B = week of the year (16 and higher)
	C = sequence number (00476 and higher)

- 3. Total number of vehicles:** The number of U.S. vehicles affected by this recall is 131 vehicles and the number of replacement parts sold is 354.
- 4. Approximate percentage of vehicles estimated to actually contain the condition:** Genie Industries does not know the percentage of vehicles actually exhibiting the condition; therefore, this campaign will include 100% of the vehicles identified in items 2 & 3, above.
- 5. Description of the issue:** Genie Industries has recently received reports of machine fires on non-motor vehicle aerial lifts manufactured by Genie. Genie has determined that these fires are caused by the failure of a newly designed motor controller component supplied to Genie by Advanced Motors & Drives (a Kinetek, Inc. Company). Genie has been installing this component on the affected models since May 2, 2011 and sold as a replacement part from April 13, 2011 to July 13, 2011. A motor controller failure can result in a machine fire.



6. Chronological summary of events leading to this determination: Genie Industries first became aware of the issue on July 7, 2011. Genie has been notified of two additional fires on non-motor vehicle aerial lifts since that time. Genie has conducted investigations and studies to determine the cause and origin of these fires and has now concluded that a newly designed motor controller supplied to Genie by Advanced Motors & Drives is causing the fires. Although Genie has not had a fire on the above listed machines, Genie has decided to conduct a safety recall.

7. Description of proposed remedy: Genie will conduct a recall by sending a Safety Recall Notice that satisfies the requirements of 49 CFR part 577.5 to all purchasers and dealers who might be affected by the recall. Notification will begin soon after the receipt of your reply to this letter and approval of the draft bulletin, and will be completed one week after notification is first sent. Along with the Safety Recall Notice, Genie will provide a set of instructions to remove the machine from service and disconnect the Anderson connector from the battery pack to ensure that no fire can occur until the remedy is installed.

8. Program for remedy campaign of this report: See description of remedy campaign in Item 7, above. Genie will reimburse the owner for work performed to remove the machine from service and disconnect the Anderson connector from the battery pack on a subject vehicle as required by this recall. Consistent with §573.13 of NHTSA's regulations Genie will require documentation of the amount paid by the owner for the repair, and documentation that the repair costs were incurred for reasons related to this recall.