

Part 573 Safety Recall Report

23E-042

Manufacturer Name : Iowa Mold Tooling Co., Inc.**Submission Date :** MAY 31, 2023**NHTSA Recall No. :** 23E-042**Manufacturer Recall No. :** NR**Manufacturer Information :****Population :****Manufacturer Name :** Iowa Mold Tooling Co., Inc.**Number of potentially involved :** 13**Address :** 500 Highway 18 West**Estimated percentage with defect :** 100 %**P.O. Box 189 Garner IA 50438****Company phone :** 1-800-247-5958**Equipment Information :****Brand / Trade 1 :** IMT**Model :** 50-345**Part No. :** 6390121**Size :** NR**Function :** NR

Descriptive Information : The recall population includes all IMT Model 50-345 Loaders within the listed production range until a welding process change was implemented. IMT is the importer of the hydraulic loading crane and components which are later supplied to upfitters for installation on an incomplete vehicle.

Production Dates : JAN 22, 2018 - SEP 22, 2022**Description of Defect :**

Description of the Defect : Certain IMT model 50-345 hydraulic loaders have stabilizer beams with welds that over time can crack and if unaddressed could eventually break under load.

FMVSS 1 : NR**FMVSS 2 :** NR

Description of the Safety Risk : If the cracks in the weld of the stabilizer beam are not addressed, they could progress and eventually cause the stabilizer beam to break. If the stabilizer beam breaks when the hydraulic loader is being operated, it may lead the vehicle to tip while lifting a load or to disengage the load, increasing the risk of property damage or injury.

Description of the Cause : Insufficient welding during production of the stabilizer beams.

Identification of Any Warning that can Occur : Cracks may be visible in the stabilizer beam.

Involved Components :

Component Name : Stabilizer beam

Component Description : Stabilizer

Component Part Number : 6390121

Supplier Identification :**Component Manufacturer**

Name : HMF

Address : Oddervej 200

DK-8270 Højbjerg Foreign States

Country : Denmark

Chronology :

In August, 2022, the component supplier identified an issue with the weld process that resulted in a weld of inadequate strength. An updated process was implemented to produce all new parts with expected strength and on August 10, 2022, IMT decided to conduct a safety-related recall to address units of a particular model (IMT Model 42684) in the field prior to the introduction of the updated weld process. See NHTSA Recall 22E-067.

At the time of the original recall, IMT's analysis did not indicate that the current model would potentially be affected by the welding issue due to the manner in which the component is utilized on the vehicle and the different loading profile. In May of 2023 IMT learned of a substantially similar model outside of the US that experienced a failure. On May 31, 2023, out of an abundance of caution, IMT decided to conduct a recall to address affected components in the field. IMT is not aware of any injuries or damage that occurred as a result of the performance of the stabilizer beams on the 50-345 model.

Description of Remedy :

Description of Remedy Program : The remedy consists of replacing the stabilizer beams with new ones that are produced with an updated welding process. The procedure will be performed by an IMT distributor service technician at no cost to the customer, and should take less than 8 hours to perform. The vehicle owner may file a warranty claim to IMT for reimbursement of parts & labor.

How Remedy Component Differs from Recalled Component : The remedy component will include welds produced following the implementation of an improved welding process.

Identify How/When Recall Condition was Corrected in Production : In August 2022 the component supplier implemented a new welding process to assure adequate strength.

Recall Schedule :

Description of Recall Schedule : NR
Planned Dealer Notification Date : JUN 30, 2023 - JUN 30, 2023
Planned Owner Notification Date : NR - NR

Purchaser Information :

The following manufacturers purchased this defective/noncompliant equipment for possible use or installation in new motor vehicles or new items of motor vehicle equipment:

Name : Custom Truck & Equipment, LLC
Address : 7701 E 24 HWY
KANSAS CITY MO 64125
Country : US
Company Phone : 8162414888

Name : CRANWORKS, INC.
Address : 7795 LITTLE YORK ROAD
Houston TX 77016
Country : US
Company Phone : 9082745586

Name : Pierce Manufacturing
Address : 2600 American Drive
Appleton WI 54912
Country : US
Company Phone : NR

Name : Garden state Engine & Equipment Co., Inc
Address : NR
Somerville NJ 08876
Country : US
Company Phone : NR

Name : Interstate Truck Equipment
Address : NR
College Park GA 30337
Country : US
Company Phone : NR

* NR - Not Reported