

Part 573 Safety Recall Report

23E-042

Manufacturer Name : Iowa Mold Tooling Co., Inc.

Submission Date : SEP 05, 2023

NHTSA Recall No. : 23E-042

Manufacturer Recall No. : NR



Manufacturer Information :

Manufacturer Name : Iowa Mold Tooling Co., Inc.

Address : 500 Highway 18 West

P.O. Box 189 Garner IA 50438

Company phone : 1-800-247-5958

Population :

Number of potentially involved : 13

Estimated percentage with defect : 100 %

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 : JUL 28, 2023 - JUL 28, 2023

Planned Owner Notification Date : JUL 28, 2023 - JUL 28, 2023

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 : Interstate Truck Equipment

Address : NR
College Park GA 30337

Country : US

Company Phone : NR

Name : Garden state Engine & Equipment Co., Inc

Address : NR
Somerville NJ 08876

Country : US

Company Phone : NR

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

* NR - Not Reported