

Part 573 Safety Recall Report

21V-338

Manufacturer Name : Equipment Technology, L.L.C.

Submission Date : JUN 28, 2021

NHTSA Recall No. : 21V-338

Manufacturer Recall No. : NR



Manufacturer Information :

Manufacturer Name : Equipment Technology, L.L.C.

Address : 341 NW 122nd Street

Oklahoma City OK 73114

Company phone : (405) 748-3841

Population :

Number of potentially involved : 249

Estimated percentage with defect : 100 %

Vehicle Alterer Information :

Vehicle 1 : 2019-2020 ETI ETC37IH

Descriptive Information : The recall population was determined by a review of sales and warranty records. Affected vehicles may contain defective tilt cylinders on boom buckets, part #3339.

Production Dates : MAR 01, 2019 - DEC 31, 2020

Description of Defect :

Description of the Defect : Buckets drift down without operator input.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Failing tilt cylinders may cause unintended bucket movement, which could increase the risk of personal injury or death to the operator or those nearby.

Description of the Cause : Hydraulic fluid is bypassing seals, causing drift

Identification of Any Warning that can Occur : NR

Involved Components :

Component Name : Tilt Slave Cylinder

Component Description : Hydraulic cylinder

Component Part Number : 3339

Supplier Identification :**Component Manufacturer**

Name : Jackson Manufacturing
Address : 471 Hillview Circle
Sulligent Alabama 35586
Country : United States

Chronology :

During the period starting March 2019, customers notified ETI of a number of instances of utility buckets drifting down slowly without operator input. Upon investigation, it was determined that the counterbalance valves in one of the bucket's two tilt cylinders had damaged seals, which caused them to leak and malfunction. Testing conducted between January and April 2021 determined that these valve seals were likely being damaged during the cylinder manufacturing process.

Description of Remedy :

Description of Remedy Program : ETI will notify owners of the affected vehicles and replace the suspected defective cylinders, free of charge.

How Remedy Component Differs from Recalled Component : Replacement cylinders will be 100% tested and inspected to confirm that they meet specifications.

Identify How/When Recall Condition was Corrected in Production : In January 2021, ETI stopped using these cylinders from source suppliers, and implemented a more rigorous testing and inspection protocol for these components.

Recall Schedule :

Description of Recall Schedule : Owner notifications were sent out to all customers affected by the recall on 6/23/2021. There are no dealers involved in the sale of these vehicles; thus, no planned dealer notifications

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : JUN 23, 2021 - JUN 23, 2021

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 :

Address :

Country :

Company Phone :

* NR - Not Reported