

# Part 573 Safety Recall Report

## 16E-096

**Manufacturer Name :** MICO, Inc.

**Submission Date :** JUN 02, 2017

**NHTSA Recall No. :** 16E-096

**Manufacturer Recall No. :** NR



### Manufacturer Information :

**Manufacturer Name :** MICO, Inc.

**Address :** 1911 Lee Boulevard  
North Mankato MN 56003

**Company phone :** 625-6426

### Population :

**Number of potentially involved :** 1,100

**Estimated percentage with defect :** 73 %

### Equipment Information :

**Brand / Trade 1 :** MICO, Inc.

**Model :** Hydraulic Pressure Switch Kit

**Part No. :** 02-600-017

**Size :** NR

**Function :** Switch Kit

**Descriptive Information :** The pressure switch is intended to be connected to a hydraulic system, in order to trigger an alarm or warning when a specified pressure is reached. The pressure switch does not provide any warning or alarm itself, only the capability to trigger one.

**Production Dates :** MAY 21, 2015 - NOV 28, 2016

**Brand / Trade 2 :** MICO, Inc.

**Model :** Hydraulic Pressure Switch Kit

**Part No. :** 02-600-030

**Size :** NR

**Function :** Switch Kit

**Descriptive Information :** The pressure switch is intended to be connected to a hydraulic system, in order to trigger an alarm or warning when a specified pressure is reached. The pressure switch does not provide any warning or alarm itself, only the capability to trigger one.

**Production Dates :** MAY 21, 2015 - NOV 28, 2016

**Brand / Trade 3 :** MICO, Inc.

**Model :** Brake Lock with Hydraulic Pressure Switch

**Part No. :** 02-620-009

**Size :** NR

Function : Brake Lock

Descriptive Information : The pressure switch is intended to be connected to a hydraulic system, in order to trigger an alarm or warning when a specified pressure is reached. The pressure switch does not provide any warning or alarm itself, only the capability to trigger one.

Production Dates : MAY 21, 2015 - NOV 28, 2016

Brand / Trade 4 : MICO, Inc.

Model : Brake Lock with Hydraulic Pressure Switch

Part No. : 02-620-172

Size : NR

Function : Brake Lock

Descriptive Information : The pressure switch is intended to be connected to a hydraulic system, in order to trigger an alarm or warning when a specified pressure is reached. The pressure switch does not provide any warning or alarm itself, only the capability to trigger one.

Production Dates : MAY 21, 2015 - NOV 28, 2016

Brand / Trade 5 : MICO, Inc.

Model : Brake Lock with Hydraulic Pressure Switch

Part No. : 02-620-173

Size : NR

Function : Brake Lock

Descriptive Information : The pressure switch is intended to be connected to a hydraulic system, in order to trigger an alarm or warning when a specified pressure is reached. The pressure switch does not provide any warning or alarm itself, only the capability to trigger one.

Production Dates : MAY 21, 2015 - NOV 28, 2016

Brand / Trade 6 : MICO, Inc.

Model : Brake Lock with Hydraulic Pressure Switch

Part No. : 03-620-173

Size : NR

Function : Brake Lock

Descriptive Information : The pressure switch is intended to be connected to a hydraulic system, in order to trigger an alarm or warning when a specified pressure is reached. The pressure switch does not provide any warning or alarm itself, only the capability to trigger one.

Production Dates : MAY 21, 2015 - NOV 28, 2016

Brand / Trade 7 : MICO, Inc.

Model : Hydraulic Pressure Switch

Part No. : 20-580-009I0425

Size : NR

Function : Pressure Switch

Descriptive Information : The pressure switch is intended to be connected to a hydraulic system, in order to trigger an alarm or warning when a specified pressure is reached. The pressure switch does not provide any warning or alarm itself, only the capability to trigger one.

Production Dates : MAY 21, 2015 - NOV 28, 2016

Brand / Trade 8 : MICO, Inc.

Model : Hydraulic Pressure Switch

Part No. : 20-580-009I0600

Size : NR

Function : Pressure Switch

Descriptive Information : The pressure switch is intended to be connected to a hydraulic system, in order to trigger an alarm or warning when a specified pressure is reached. The pressure switch does not provide any warning or alarm itself, only the capability to trigger one.

Production Dates : MAY 21, 2015 - NOV 28, 2016

Brand / Trade 9 : MICO, Inc.

Model : Hydraulic Pressure Switch

Part No. : 20-580-016D0250

Size : NR

Function : Pressure Switch

Descriptive Information : The pressure switch is intended to be connected to a hydraulic system, in order to trigger an alarm or warning when a specified pressure is reached. The pressure switch does not provide any warning or alarm itself, only the capability to trigger one.

Production Dates : MAY 21, 2015 - NOV 28, 2016

Brand / Trade 10 : MICO, Inc.

Model : Hydraulic Pressure Switch

Part No. : 20-580-016I0250

Size : NR

Function : Pressure Switch

Descriptive Information : The pressure switch is intended to be connected to a hydraulic system, in order

**Descriptive Information :** to trigger an alarm or warning when a specified pressure is reached. The pressure switch does not provide any warning or alarm itself, only the capability to trigger one.

**Production Dates :** MAY 21, 2015 - NOV 28, 2016

**Brand / Trade 11 :** MICO, Inc.

**Model :** Hydraulic Pressure Switch

**Part No. :** 20-580-016I0500

**Size :** NR

**Function :** Pressure Switch

**Descriptive Information :** The pressure switch is intended to be connected to a hydraulic system, in order to trigger an alarm or warning when a specified pressure is reached. The pressure switch does not provide any warning or alarm itself, only the capability to trigger one.

**Production Dates :** MAY 21, 2015 - NOV 28, 2016

**Brand / Trade 12 :** MICO, Inc.

**Model :** Hydraulic Pressure Switch

**Part No. :** 20-580-021I1000

**Size :** NR

**Function :** Pressure Switch

**Descriptive Information :** The pressure switch is intended to be connected to a hydraulic system, in order to trigger an alarm or warning when a specified pressure is reached. The pressure switch does not provide any warning or alarm itself, only the capability to trigger one.

**Production Dates :** MAY 21, 2015 - NOV 28, 2016

**Brand / Trade 13 :** MICO, Inc.

**Model :** Hydraulic Pressure Switch

**Part No. :** 20-580-023D0750

**Size :** NR

**Function :** Pressure Switch

**Descriptive Information :** The pressure switch is intended to be connected to a hydraulic system, in order to trigger an alarm or warning when a specified pressure is reached. The pressure switch does not provide any warning or alarm itself, only the capability to trigger one.

**Production Dates :** MAY 21, 2015 - NOV 28, 2016

**Brand / Trade 14 :** MICO, Inc.

Model : Hydraulic Pressure Switch

Part No. : 20-580-024I0250

Size : NR

Function : Pressure Switch

Descriptive Information : The pressure switch is intended to be connected to a hydraulic system, in order to trigger an alarm or warning when a specified pressure is reached. The pressure switch does not provide any warning or alarm itself, only the capability to trigger one.

Production Dates : MAY 21, 2015 - NOV 28, 2016

Brand / Trade 15 : MICO, Inc.

Model : Hydraulic Pressure Switch

Part No. : 20-580-024I0450

Size : NR

Function : Pressure Switch

Descriptive Information : The pressure switch is intended to be connected to a hydraulic system, in order to trigger an alarm or warning when a specified pressure is reached. The pressure switch does not provide any warning or alarm itself, only the capability to trigger one.

Production Dates : MAY 21, 2015 - NOV 28, 2016

Brand / Trade 16 : MICO, Inc.

Model : Hydraulic Pressure Switch

Part No. : 20-580-090I0650

Size : NR

Function : Pressure Switch

Descriptive Information : The pressure switch is intended to be connected to a hydraulic system, in order to trigger an alarm or warning when a specified pressure is reached. The pressure switch does not provide any warning or alarm itself, only the capability to trigger one.

Production Dates : MAY 21, 2015 - NOV 28, 2016

Brand / Trade 17 : MICO, Inc.

Model : Hydraulic Pressure Switch

Part No. : 20-580-024I0600

Size : NR

Function : Pressure Switch

Descriptive Information : The pressure switch is intended to be connected to a hydraulic system, in order to trigger an alarm or warning when a specified pressure is reached. The pressure switch does not provide any warning or alarm itself, only the capability

to trigger one.  
Production Dates : MAY 21, 2015 - NOV 28, 2016

**Description of Defect :**

Description of the Defect : The pressure switch can develop a leak, especially after multiple-high pressure applications of the service brakes and/or brake lock system.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If a leak occurs, a loss of service brakes can occur without warning. (The OEM emergency brake may be available to stop the vehicle, if the vehicle is equipped with one).

Description of the Cause : The pressure switch housing design allows an O-ring to extrude into a machined hole, creating a leak path.

Identification of Any Warning NR  
that can Occur :

**Supplier Identification :****Component Manufacturer**

Name : NR

Address : NR

NR

Country : NR

**Chronology :**

On Sunday, November 20, 2016, a customer in Australia sent notification to MICO of a field issue, where a MICO pressure switch was suspected of causing the loss of service brakes. No injuries or damages were sustained from the incident.

On November 21, 2016, MICO initiated an investigation into this issue to understand the failure mode and root cause.

On December 8, 2016, MICO made a safety defect determination and decided to initiate a safety recall to replace the affected parts. To date, there have been no reported motor vehicle accidents or injuries related to this defect.

**Description of Remedy :**

Description of Remedy Program : MICO will replace the pressure switch free of charge. MICO will work with its distributor customers to identify and notify end users of this recall and to arrange for replacement units to be provided or refund issued.

How Remedy Component Differs from Recalled Component : Remedy parts will have a Julian date code of 16M334 or higher (indicating a date of manufacture on or after November 29, 2016.)

Identify How/When Recall Condition was Corrected in Production : The issue was corrected in production on November 28, 2016, when the latest revision of the housing design was released by MICO Design Engineering for production.

**Recall Schedule :**

Description of Recall Schedule : Owners for whom MICO has contact information will be notified on the date specified above. Timing of further owner notification will depend upon receipt of customer information from distributors.

Planned Dealer Notification Date : DEC 19, 2016 - DEC 23, 2016

Planned Owner Notification Date : DEC 19, 2016 - DEC 23, 2016

**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 : A F Technologies Inc

Address : 2910 Ave F  
Arlington TX 76011-5214

Country : US

Company Phone : NR

Name : Allied Systems Company

Address : 21433 SW Oregon St  
Sherwood OR 97140-9799

Country : US

Company Phone : NR

Name : Altec Industries Inc-St Joseph

Address : 2106 S Riverside Road  
St. Joseph MO 64507-9799

Country : US

Company Phone : NR

Name : Berendsen Fluid Power Ltd  
Address : 401 South Boston  
1200 Mid-Continent Tower Tulsa OK 74103-4016  
Country : US  
Company Phone : NR

Name : Brake Materials & Parts  
Address : 800 Sherman Blvd  
Ft. Wayne IN 46808-2816  
Country : US  
Company Phone : NR

Name : Brake Parts Inc  
Address : 4400 Prime Parkway  
Mchenry IL 60050-7033  
Country : US  
Company Phone : NR

Name : Brake Supply Heavy Eqt Parts  
Address : 5501 Foundation Blvd  
Evansville IN 47725-9653  
Country : US  
Company Phone : NR

Name : Brake Systems Inc  
Address : 2221 NE Hoyt  
Portland OR 97232-2858  
Country : US  
Company Phone : NR

Name : Brett Equipment Corp  
Address : 13907 South Kostner Ave  
Crestwood IL 60445-2446  
Country : US  
Company Phone : NR

Name : Capitol Clutch & Brake  
Address : 3100 Duluth Street  
West Sacramento CA 95691-2208  
Country : US  
Company Phone : NR



Name : Church's Auto Parts  
Address : 1083 E. Chester Pike  
Ridley Park PA 19078-1702  
Country : US  
Company Phone : NR

Name : Cross Truck Eqt Co Inc  
Address : 1801 Perry Road SW  
PO Box 80509 Canton OH 44706-1923  
Country : US  
Company Phone : NR

Name : Drive Train Industries  
Address : PO Box 5845  
Denver CO 80217-5845  
Country : US  
Company Phone : NR

Name : DTS Fluid Power Corp  
Address : 3560 Busch Drive  
Grandville MI 49418-1321  
Country : US  
Company Phone : NR

Name : Find It Parts LLC  
Address : 1308 Factory Place, Suite 112  
Los Angeles CA 90013-2256  
Country : US  
Company Phone : NR

Name : FleetPride  
Address : 600 E Las Colinas Blvd.  
PO Box 143369 Irving TX 75039-5637  
Country : US  
Company Phone : NR

Name : Fluid Power Inc  
Address : 534 Township Line Road  
Blue Bell PA 19422-2798  
Country : US  
Company Phone : NR

Name : Fluidtech Inc  
Address : 10940 Eicher Dr  
Lenexa KS 66219-2600

Country : US  
Company Phone : NR

Name : Godfrey Brake Service  
Address : 110 Poplar Avenue  
PO Box 799 Rapid City SD 57701-1735

Country : US  
Company Phone : NR

Name : Hydraulic Controls Inc  
Address : 4700 San Pablo Avenue  
Emeryville CA 94608-3097

Country : US  
Company Phone : NR

Name : Inland Truck Parts Co  
Address : 4400 College Blvd, Suite 145  
Overland Park KS 66211-2326

Country : US  
Company Phone : NR

Name : JLG Industries Inc (SVC)  
Address : 600 East Chestnut St.  
Orrville OH 44667-1951

Country : US  
Company Phone : NR

Name : Midwest Wheel Companies  
Address : PO Box 3369  
Des Moines IA 50316-0369

Country : US  
Company Phone : NR

Name : Mi-Jack Products  
Address : 3111 W 167th St  
Hazel Crest IL 60429-0975

Country : US  
Company Phone : NR

Name : Motion Industries  
Address : 704 Spice Island Drive  
Sparks NV 89431-7101

Country : US  
Company Phone : NR

Name : New Life Trans Part Ctr  
Address : 400 Gordon Ind Court SW  
PO Box 9426 Byron Center MI 49315-8354

Country : US  
Company Phone : NR

Name : NMC/Wollard  
Address : 2021 Truax Blvd  
Eau Claire WI 54703-9693

Country : US  
Company Phone : NR

Name : Ozark Automotive Distr  
Address : PO Box 1897  
Springfield MO 65801-1897

Country : US  
Company Phone : NR

Name : PBS Brake & Supply  
Address : 6044 Corporate Drive  
East Syracuse NY 13057-1080

Country : US  
Company Phone : NR

Name : Power Brake & Spring  
Address : 3015 Western Avenue  
South Bend IN 46619-3055

Country : US  
Company Phone : NR

Name : Principal Truck Supply  
Address : 4015 Fondorf Drive  
Columbus OH 43228-1025

Country : US  
Company Phone : NR

Name : PTO Sales  
Address : 6245 Descanso Circle  
Buena Park CA 90620-1012  
Country : US  
Company Phone : NR

Name : Rapidparts Inc  
Address : 2950 Walkent Ct NW  
Grand Rapids MI 49544-1480  
Country : US  
Company Phone : NR

Name : Reman Inc.  
Address : 515 Ralph David Abernathy Blvd.  
Atlanta GA 30312-2400  
Country : US  
Company Phone : NR

Name : RSI Global Inc  
Address : 2063 Paxton Street  
Harvey LA 70058-5911  
Country : US  
Company Phone : NR

Name : Rush Enterprises-dba Perfection Truck  
Address : 5100 W Reno  
Oklahoma City OK 73127-6328  
Country : US  
Company Phone : NR

Name : Sage Parts Plus Inc  
Address : 30 Hub Drive  
Melville NY 11747-3525  
Country : US  
Company Phone : NR

Name : San Antonio Brake & Clutch  
Address : 218 North WW White Road  
PO Box 976 San Antonio TX 78219-4117  
Country : US  
Company Phone : NR

Name : San Diego Friction Prod-dba Wesmtmores

Address : 455 16th Street  
San Diego CA 92101-7607

Country : US

Company Phone : NR

Name : Six Robblees Inc

Address : PO Box 3703  
Seattle WA 98124-3703

Country : US

Company Phone : NR

Name : Skyjack Equipment Inc

Address : 3451 Swenson Avenue  
St Charles IL 60174-3449

Country : US

Company Phone : NR

Name : Terex Global GmbH

Address : 106 12th Street SE  
Waverly IA 50677-4200

Country : US

Company Phone : NR

Name : Textron Systems Marine & Land Sys

Address : 1010 Gause Blvd  
Slidell LA 70458-2950

Country : US

Company Phone : NR

Name : Tops Inc

Address : 540 Delwar Road #3  
Pittsburgh PA 15236-1309

Country : US

Company Phone : NR

Name : Trackmobile Inc

Address : 1602 Executive Drive  
La Grange GA 30240-5746

Country : US

Company Phone : NR

Name : Trackmobile Parts Group (SVC)

Address : 1602 Executive Drive  
La Grange GA 30240-5746

Country : US

Company Phone : NR

Name : Truck Parts & Equip

Address : 4501 West Esthner  
Wichita KS 67209-2719

Country : US

Company Phone : NR

Name : Truckpro Inc

Address : 1610 Century Center Parkway, Suite 107  
Memphis TN 38134-8957

Country : US

Company Phone : NR

Name : TVH Parts Co

Address : 95 South Route 83  
Grayslake IL 60030-7825

Country : US

Company Phone : NR

Name : Valley Friction Materials

Address : 11817 Sherman Way  
North Hollywood CA 91605-3723

Country : US

Company Phone : NR

Name : Western Integrd Tech Inc dba Hydraulic..

Address : 13406 SE 32nd Place  
Bellevue WA 98005-4409

Country : US

Company Phone : NR

Name : Wheelco Brake & Supply

Address : 4904 West 12th St  
Sioux Falls SD 57107-0530

Country : US

Company Phone : NR

Name : Wheeler Brothers Inc  
Address : 384 Drum Avenue  
PO Box 737 Somerset PA 15501-0737  
Country : US  
Company Phone : NR

Name : Womack Machine Supply Co  
Address : 13835 Senlac Drive  
Farmers Branch TX 75234-8822  
Country : US  
Company Phone : NR

Name : Zips Truck Parts  
Address : 316 W. Milwaukee  
PO Box 511 New Hampton IA 50659-1102  
Country : US  
Company Phone : NR

\* NR - Not Reported