

# Part 573 Safety Recall Report

## 20E-042

**Manufacturer Name :** Brake Parts Inc.

**Submission Date :** AUG 19, 2020

**NHTSA Recall No. :** 20E-042

**Manufacturer Recall No. :** NR



### Manufacturer Information :

**Manufacturer Name :** Brake Parts Inc.

**Address :** 4400 Prime Highway  
McHenry IL 600507033

**Company phone :** 815-363-9000

### Population :

**Number of potentially involved :** 1,339

**Estimated percentage with defect :** 60 %

### Equipment Information :

**Brand / Trade 1 :** Raybestos

**Model :** MC391232

**Part No. :** MC391232

**Size :** NR

**Function :** Master Cylinder

**Descriptive Information :** Brake master cylinders sold under the Raybestos brand intended for aftermarket installation in the following Volkswagen models: Beetle model years (MY) 2012-2017, Jetta MY 2005-2018, Jetta GLI MY 2007-2010, and Clasico MY 2011 - 2015.

The recall scope was determined based upon BPI's sample testing and an analysis of warranty data. Field data and analysis indicates that any defect would exhibit itself shortly after installation. Accordingly, the recall will cover products that have been in service less than one year.

Total population for part number MC391232 is 267.

**Production Dates :** JAN 01, 2016 - APR 27, 2020

Brand / Trade 2 : ACDelco

Model : 18M2578

Part No. : 18M2578

Size : NR

Function : Master Cylinder

Descriptive Information : Brake master cylinders sold under the ACDelco brand intended for aftermarket installation in the following Volkswagen models: Beetle model years (MY) 2012-2017, Jetta MY 2005-2018, Jetta GLI MY 2007-2010, and Clasico MY 2011 - 2015.

The recall scope was determined based upon BPI's sample testing and an analysis of warranty data. Field data and analysis indicates that any defect would exhibit itself shortly after installation. Accordingly, the recall will cover products that have been in service less than one year.

Total population for part number 18M2578 is 69.

Production Dates : JAN 01, 2016 - APR 27, 2020

Brand / Trade 3 : NAPA

Model : M4840

Part No. : M4840

Size : NR

Function : Master Cylinder

Descriptive Information : Brake master cylinders sold under the NAPA brand intended for aftermarket installation in the following Volkswagen models: Beetle model years (MY) 2012-2017, Jetta MY 2005-2018, Jetta MY GLI 2007-2010, and Clasico MY 2011 - 2015.

The recall scope was determined based upon BPI's sample testing and an analysis of warranty data. Field data and analysis indicates that any defect would exhibit itself shortly after installation. Accordingly, the recall will cover products that have been in service less than one year.

Total population for part number M4840 is 1003.

Production Dates : JAN 01, 2016 - APR 27, 2020

**Description of Defect :**

Description of the Defect : The crimping of the aluminum housing may be insufficient, which, in extreme cases, may allow the master cylinder piston to pop out of the housing early in its service life.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the piston pops out of the master cylinder housing, a complete loss of braking or unintended brake application can occur.

Description of the Cause : Insufficient crimping during the manufacturing process.

Identification of Any Warning that can Occur : Prior to total failure, the vehicle operator may experience some loss of braking power due to brake fluid leaking past the primary piston and damaging the vacuum booster.

**Involved Components :**

Component Name : NR

Component Description : NR

Component Part Number : NR

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

Name : Yusin Brake Corp., Taiwan Branch

Address : 5F., NO. 381, WUFENG N. RD.

East Dist. CHIAYI CITY FOREIGN STATES 60045

Country : Taiwan, Province of China

**Chronology :**

5/21/20: A vehicle with a newly installed brake master cylinder was reportedly involved in a low-speed incident in Canada involving the subject component. There were no reported injuries and minor property damage. The same day, the incident was reported to BPI. Inventory of the subject product was immediately quarantined while BPI evaluated the issue.

5/22/2020 to 6/19/2020: BPI consulted with representatives of the manufacturer (Yusin) regarding the failure, reviewed the warranty claims history for this part, developed a test fixture in house, and conducted air

pressure and physical pull tests on eleven samples (covering four different date codes) from existing inventory.

6/19/2020: Based upon its investigation, BPI decided to conduct a voluntary recall of the affected product.

BPI is not aware of any reports of accidents or injuries related to this condition, other than the May 21, 2020 Canada incident noted above (no injuries; minor property damage).

## Description of Remedy :

Description of Remedy Program : BPI will provide a free replacement for products that have been in service less than a year. The replacement NAPA part is Part No. M391557; the replacement Raybestos part is Part No. MC391557; the cylinder for ACDelco customers will be replaced with an original equipment part.

How Remedy Component Differs from Recalled Component : The NAPA remedy part is Part No. M391557; the Raybestos remedy part is Part No. MC391557; for ACDelco, installers will be instructed to replace the part with a VW original equipment cylinder.

Identify How/When Recall Condition was Corrected in Production : BPI ceased all shipments of the subject parts on or about May 21, 2020.

## Recall Schedule :

Description of Recall Schedule : BPI will notify direct shipment customers of this recall per the Planned Dealer Notification schedule and will work with those customers to identify and notify affected owners. Timing of owner notification is dependent upon receiving owner information from our direct customers.

Planned Dealer Notification Date : JUL 06, 2020 - JUL 10, 2020

Planned Owner Notification Date : AUG 10, 2020 - AUG 14, 2020

## 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 : NR

Address : NR

NR

Country : NR

Company Phone : NR

\* NR - Not Reported