

# Part 573 Safety Recall Report

# 19E-011

**Manufacturer Name :** Drake Automotive Group LLC

**Submission Date :** FEB 09, 2019

**NHTSA Recall No. :** 19E-011

**Manufacturer Recall No. :** NR



## Manufacturer Information :

**Manufacturer Name :** Drake Automotive Group LLC

**Address :** 130 Cassia Way

Henderson NV 89014

**Company phone :** 853-2096

## Population :

**Number of potentially involved :** 598

**Estimated percentage with defect :** 34 %

## Equipment Information :

**Brand / Trade 1 :** Scott Drake

**Model :** Spindle right

**Part No. :** C70Z-3105-R

**Size :** 10" x 9" x 10 1/2"

**Function :** Spindle

**Descriptive Information :** Attaches wheel and tire to steering system. Failure analysis was conducted after report of failure, which led to a determination that a problem existed with the forging tooling. All products within the affected production lot (Lot A18F) are to be recalled.

**Production Dates :** MAY 16, 2018 - FEB 04, 2019

**Brand / Trade 2 :** Scott Drake

**Model :** Spindle left

**Part No. :** C70Z-3106-L

**Size :** 10' x 9' x 10 1/2"

**Function :** spindle

**Descriptive Information :** Attaches wheel and tire to steering system

**Production Dates :** MAY 16, 2018 - FEB 04, 2019

**Brand / Trade 3 :** Scott Drake

**Model :** Spindle right

**Part No. :** C5ZZ-3105-R

**Size :** 10" x 9" x 10 1/2"

**Function :** Spindle

**Descriptive Information :** Attaches wheel and tire to vehicle's steering system. Failure analysis was

**Descriptive Information :** conducted after report of failure, which led to a determination that a problem existed with the forging tooling. All products within the affected production lot (Lot 18F) are to be recalled.

**Production Dates :** MAY 16, 2018 - FEB 04, 2019

**Brand / Trade 4 :** Scott Drake

**Model :** Spindle left

**Part No. :** C5ZZ-3106-L

**Size :** 10' x 9" x 10 1/2"

**Function :** Spindle

**Descriptive Information :** Attaches wheel and tire to vehicle's steering system. Failure analysis was conducted after report of failure, which led to a determination that a problem existed with the forging tooling. All products within the affected production lot (Lot A18F) are to be recalled.

**Production Dates :** MAY 16, 2018 - FEB 04, 2019

## Description of Defect :

**Description of the Defect :** Attaches wheel and tire to vehicle's steering system. Failure analysis was conducted after report of failure, which led to a determination that a problem existed with the forging tooling. All products within the affected production lot (A18F) are to be recalled

**FMVSS 1 :** NR

**FMVSS 2 :** NR

**Description of the Safety Risk :** The rod arm of spindle can break away from main body causing loss of control of spindle (steering loss on the affected side of the vehicle).

**Description of the Cause :** Problem with the forging tooling, discovered and tooling fixed after the first 206 units were produced.

**Identification of Any Warning that can Occur :** None

## Supplier Identification :

### Component Manufacturer

**Name :** Auto Max Parts Corp.

**Address :** 2695 Dow Ave.

Tustin CALIFORNIA 92780

**Country :** United States

**Chronology :**

Received notice of failure on November 12, 2018. Upon return of failed part, products were sent for third-party failure analysis, with all unsold products being quarantined. Company advised of root cause of failure on January 15, 2019. Defect analysis concluded January 21, 2019.

**Description of Remedy :**

Description of Remedy Program : Replacement of all recalled units, at no cost to customers.

How Remedy Component Differs from Recalled Component : All products within the affected lot (A18F) will be recalled. New lot number assigned to non-defective products (H18F).

Identify How/When Recall Condition was Corrected in Production : Correction of tooling for all new units to be produced (already completed). Specifically, the tooling was modified to enlarge the radius and angle of the cavity in order to improve material flow, and the manufacturing process was updated to include 100% magnetic particle inspection after forging.

**Recall Schedule :**

Description of Recall Schedule : NR

Planned Dealer Notification Date : FEB 18, 2019 - FEB 18, 2019

Planned Owner Notification Date : MAR 11, 2019 - MAR 11, 2019

**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