

# Part 573 Safety Recall Report

# 16V-884

**Manufacturer Name :** Polaris Industries, Inc.

**Submission Date :** DEC 06, 2016

**NHTSA Recall No. :** 16V-884

**Manufacturer Recall No. :** L-16-01



## Manufacturer Information :

**Manufacturer Name :** Polaris Industries, Inc.

**Address :** 7290 Vikings Blvd E

Wyoming MN 55092

**Company phone :** 888-704-5290

## Population :

**Number of potentially involved :** 1,644

**Estimated percentage with defect :** 2 %

## Vehicle Information :

**Vehicle 1 :** 2016-2017 GEM E Series

**Vehicle Type :** LIGHT VEHICLES

**Body Style :** OTHER

**Power Train :** HYBRID ELECTRIC

**Descriptive Information :** The affected vehicles were identified based on manufacturing records. The VINs identified contain all of the potentially affected machines.

**Production Dates :** MAY 29, 2015 - NOV 18, 2016

**VIN Range 1 : Begin :** 52CG2AGA4G0012704 **End :** 52CG2AGA4H0015703  Not sequential

## Description of Defect :

**Description of the Defect :** The drive mode switch can send an out-of-tolerance electrical signal to the vehicle controller, resulting in an incorrect drive direction selection. This failure may occur intermittently and does not occur in all drive mode selections.

**FMVSS 1 :** NR

**FMVSS 2 :** NR

**Description of the Safety Risk :** When the vehicle is shifted to forward, an out-of-tolerance signal may cause the vehicle to controller to shift to reverse. The unexpected vehicle movement may result in an accident.

**Description of the Cause :** Inspection of returned FNR switches has indicated a variation in switch resistance (increased) during the selection of the Forward Mode. Increased resistance in the circuit put the resultant system voltage into the range that is reserved for Reverse operation. Low wetting current through switch has also been identified as a contributing factor (electrical architecture).

**Identification of Any Warning that can Occur :** An audible back up alert beeper is activated and the reverse indicator is illuminated in the gauge panel when this occurs.

## Supplier Identification :

### Component Manufacturer

Name : Polaris Industries  
Address : 2100 Highway 55  
Medina MINNESOTA 55340  
Country : United States

## Chronology :

Polaris received field reports, which lead to an internal review of the components and investigation into the cause.

## Description of Remedy :

Description of Remedy Program : Polaris will issue a Safety Recall Bulletin to all GEM dealers, with instructions required to replace the drive switch at no cost to owners.

How Remedy Component Differs from Recalled Component : The remedy component replaces the existing turn signal stalk with a new, more reliable rocker switch.

Identify How/When Recall Condition was Corrected in Production : Production vehicles will utilize the remedy components from the recall.

## Recall Schedule :

Description of Recall Schedule : Upon review and approval from NHTSA, Polaris will contact dealers and consumers advising them of the voluntary safety recall bulletin regarding the drive switch replacement.

Planned Dealer Notification Date : DEC 13, 2016 - NR

Planned Owner Notification Date : DEC 13, 2016 - NR

\* NR - Not Reported