

# Part 573 Safety Recall Report

# 18V-228

**Manufacturer Name :** Indian Motorcycle Company**Submission Date :** APR 10, 2018**NHTSA Recall No. :** 18V-228**Manufacturer Recall No. :** I-18-04**Manufacturer Information :**

Manufacturer Name : Indian Motorcycle Company

Address : 2100 Highway 55

Medina MN 55340

Company phone : 999

**Population :**

Number of potentially involved : 3,341

Estimated percentage with defect : 1 %

**Vehicle Information :**

Vehicle 1 : 2018-2018 INDIAN MOTORCYCLES INDIAN CHIEF / CHIEF CLASSIC / CHIEF DARK HORSE / CHIEF VINTAGE / CHIEFTAIN / CHIEFTAIN CLASSIC / CHIEFTAIN DARK HORSE / CHIEFTAIN ELITE / CHIEFTAIN LIMITED / SPRINGFIELD / SPRINGFIELD DARK HORSE

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : The affected recall population was determined to be manufactured with the defective part.

Production Dates : OCT 25, 2016 - NOV 17, 2017

VIN Range 1 : Begin : 56KTCBAA1J3347371 End : 56KTRAAA9J3361950

 Not sequential**Description of Defect :**

Description of the Defect : Some of the 2018 111ci Indian Motorcycles were manufactured with a right hand switch cube that does not meet Indian Motorcycle's quality standards.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Motorcycle may electrically power-up without user input. If the key fob is stored on or near the motorcycle and all other safety interlocks are met, this non-conformance could lead to unintentional initiation of the start sequence. If the vehicle starts while unattended in a closed area, it could increase risk of exposure to carbon monoxide.

Description of the Cause : Electrical components within the right hand switch cube on affected vehicles may develop corrosion over time. This corrosion may lead to further damage of electrical components and possibly create an electrical short that may lead to vehicle starting without user input.

Identification of Any Warning that can Occur : Motorcycle may electrically power-up without user input and / or possibly initiate a start sequence.

## Supplier Identification :

### Component Manufacturer

Name : DeltaTech  
Address : 5288 Valley Industrial Blvd. S  
Shakopee MINNESOTA 55379  
Country : United States

## Chronology :

In November of 2017, Polaris received a report of a motorcycle that had started without user input while at a dealership. An on site inspection was completed and Polaris subsequently initiated an engineering investigation in collaboration with the switch cube supplier.

In December of 2017 a second case was identified on a Polaris development vehicle.

On 12-February-2018 Polaris reviewed the initial results of the inspections and determined that further analysis was warranted.

Root cause determination was conducted in collaboration with the supplier through March of 2018. The outcome of the investigation concluded corrosion could lead to a defective switch cube and therefore a potential hazard.

Based on the investigation findings, on 03-April-2018 Polaris determined that a field campaign was warranted.

## Description of Remedy :

Description of Remedy Program : If you have had this procedure performed before you received this letter, you may be eligible to receive reimbursement for the cost of obtaining a pre-notification remedy of the problem associated with this recall. For more information regarding obtaining reimbursement please contact the Polaris Consumer Service Department using the contact information above.

How Remedy Component Differs from Recalled Component : Dealers will update the affected population with the updated service kit, which replaces the existing RH switch cube that eliminates the potential for corrosion.

Old part numbers, new part numbers following within parentheses:

4016911 - SWITCHCRL,3ROW,RH (4018213)  
4016913 - SWITCHCRL,2ROW,RH (4018215)  
4016903 - SWITCHCRL,3ROW BCKLT,RH (4018217)  
4016912 - SWITCHCRL,3ROW,LH (4018214)  
4016914 - SWITCHCRL,2ROW,LH (4018216)  
4016904 - SWITCHCRL,3ROW BCKLT,LH (4018218)

Identify How/When Recall Condition was Corrected in Production : All production and supplier inventory was scrapped. New parts were manufactured with improved component quality to eliminate the potential for corrosion.

### Recall Schedule :

Description of Recall Schedule : Dealers will be notified on April 12th  
Consumers will be notified April 19th through April 23rd  
Planned Dealer Notification Date : APR 12, 2018 - APR 12, 2018  
Planned Owner Notification Date : APR 19, 2018 - APR 23, 2018

\* NR - Not Reported