

# Part 573 Safety Recall Report

# 24V-069

**Manufacturer Name :** Indian Motorcycle Company**Submission Date :** FEB 02, 2024**NHTSA Recall No. :** 24V-069**Manufacturer Recall No. :** I-24-03**Manufacturer Information :**

Manufacturer Name : Indian Motorcycle Company

Address : 2100 Highway 55

Medina MN 55340

Company phone : 800-765-2747

**Population :**

Number of potentially involved : 11,648

Estimated percentage with defect : 100 %

**Vehicle Information :**

Vehicle 1 : 2020-2022 Indian Challenger

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The affected population was determined by identification of the affected motorcycle models equipped with the Bosch ABS 9.1M Plus module.

Production Dates : FEB 15, 2019 - FEB 03, 2022

VIN Range 1 : Begin : 56KLCBRR7L3376371 End : 56KLCBRR0N3407124  Not sequential

Vehicle 2 : 2020-2022 Indian Challenger Dark Horse

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The affected population was determined by identification of the affected motorcycle models equipped with the Bosch ABS 9.1M Plus module.

Production Dates : JUL 15, 2019 - NOV 12, 2021

VIN Range 1 : Begin : 56KLCDRR9L3381521 End : 56KLCCRR1N3405503  Not sequential

Vehicle 3 : 2022-2022 Indian Challenger Dark Horse Icon

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The affected population was determined by identification of the affected motorcycle models equipped with the Bosch ABS 9.1M Plus module.

Production Dates : AUG 25, 2021 - AUG 25, 2021

VIN Range 1 : Begin : 56KLCCRRXN3403488 End : 56KLCCRRXN3403488  Not sequential

Vehicle 4 : 2022-2022 Indian Challenger Elite

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The affected population was determined by identification of the affected motorcycle models equipped with the Bosch ABS 9.1M Plus module.

Production Dates : OCT 14, 2021 - OCT 14, 2021

VIN Range 1 : Begin : 56KLCERRON3404791 End : 56KLCERRON3404791  Not sequential

Vehicle 5 : 2020-2022 Indian Challenger Limited

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The affected population was determined by identification of the affected motorcycle models equipped with the Bosch ABS 9.1M Plus module.

Production Dates : FEB 15, 2019 - MAR 04, 2022

VIN Range 1 : Begin : 56KLCARR9L3376396 End : 56KLCARR5N3407761  Not sequential

Vehicle 6 : 2019-2020 Indian FTR 1200

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The affected population was determined by identification of the affected motorcycle models equipped with the Bosch ABS 9.1M Plus module.

Production Dates : JUL 10, 2018 - OCT 01, 2019

VIN Range 1 : Begin : 56KRTA225K3138079 End : 56KRTA223L3157988  Not sequential

Vehicle 7 : 2022-2022 Indian FTR 1200

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The affected population was determined by identification of the affected motorcycle models equipped with the Bosch ABS 9.1M Plus module.

Production Dates : JUL 16, 2020 - FEB 21, 2022

VIN Range 1 : Begin : 56KRZA223N3163632 End : 56KRZA229N3004842  Not sequential

Vehicle 8 : 2022-2022 Indian FTR 1200 R Carbon

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The affected population was determined by identification of the affected motorcycle models equipped with the Bosch ABS 9.1M Plus module.

Production Dates : OCT 05, 2020 - FEB 25, 2022

VIN Range 1 : Begin : 56KRZR253N3165664 End : 56KRZR250N3004981  Not sequential

Vehicle 9 : 2020-2020 Indian FTR 1200 Rally

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The affected population was determined by identification of the affected motorcycle models equipped with the Bosch ABS 9.1M Plus module.

Production Dates : JUN 04, 2019 - APR 29, 2020

VIN Range 1 : Begin : 56KRTT223L3152365 End : 56KRTT224L4005062  Not sequential

Vehicle 10 : 2022-2022 Indian FTR 1200 Rally

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The affected population was determined by identification of the affected motorcycle models equipped with the Bosch ABS 9.1M Plus module.

Production Dates : MAR 15, 2021 - DEC 21, 2021

VIN Range 1 : Begin : 56KRTT228N3171819 End : 56KRTT227N3004335  Not sequential

Vehicle 11 : 2022-2022 Indian Pursuit Dark Horse

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The affected population was determined by identification of the affected motorcycle models equipped with the Bosch ABS 9.1M Plus module.

Production Dates : SEP 17, 2021 - JAN 31, 2022

VIN Range 1 : Begin : 56KLDDRR5N3404017 End : 56KLDDRR3N3407062  Not sequential

Vehicle 12 : 2022-2022 Indian Challenger JD Limited Edition

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The affected population was determined by identification of the affected motorcycle models equipped with the Bosch ABS 9.1M Plus module.

Production Dates : OCT 25, 2021 - FEB 07, 2022

VIN Range 1 : Begin : 56KLCERR3N3404896 End : 56KLCERR5N3407153  Not sequential

Vehicle 13 : 2022-2022 Indian Pursuit Limited Icon

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The affected population was determined by identification of the affected motorcycle models equipped with the Bosch ABS 9.1M Plus module.

Production Dates : JAN 07, 2022 - FEB 03, 2022

VIN Range 1 : Begin : 56KLDHRR6N3406561 End : 56KLDHRR5N3407104  Not sequential

Vehicle 14 : 2022-2022 Indian Pursuit Dark Horse Premium

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The affected population was determined by identification of the affected motorcycle models equipped with the Bosch ABS 9.1M Plus module.

Production Dates : SEP 17, 2021 - FEB 09, 2022

VIN Range 1 : Begin : 56KLDFFRRXN3404025 End : 56KLDFFRR7N3407206  Not sequential

Vehicle 15 : 2022-2022 Indian Pursuit Limited

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The affected population was determined by identification of the affected motorcycle models equipped with the Bosch ABS 9.1M Plus module.

Production Dates : AUG 25, 2021 - MAR 23, 2022

VIN Range 1 : Begin : 56KLDGRR2N3403490 End : 56KLDGRR7N3408183  Not sequential

Vehicle 16 : 2022-2022 Indian Pursuit Limited Premium

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The affected population was determined by identification of the affected motorcycle models equipped with the Bosch ABS 9.1M Plus module.

Production Dates : AUG 25, 2021 - MAR 17, 2022

VIN Range 1 : Begin : 56KLDHRR1N3403499 End : 56KLDHRR8N3408067  Not sequential

Vehicle 17 : 2019-2020 Indian FTR 1200 S

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The affected population was determined by identification of the affected motorcycle models equipped with the Bosch ABS 9.1M Plus module.

Production Dates : NOV 14, 2018 - OCT 01, 2019

VIN Range 1 : Begin : 56KRYS220K3143227 End : 56KRYS229K3157997  Not sequential

Vehicle 18 : 2022-2022 Indian FTR 1200 S

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The affected population was determined by identification of the affected motorcycle models equipped with the Bosch ABS 9.1M Plus module.

Production Dates : OCT 08, 2020 - FEB 25, 2022

VIN Range 1 : Begin : 56KRZS256N3165794 End : 56KRZS252N3004987  Not sequential

## Description of Noncompliance :

Description of the Noncompliance : On the affected motorcycles, the brake lights were determined not to meet the requirements of Federal Motor Vehicle Safety Standard (FMVSS) 108 S7.3.5 Activation.

FMVSS 1 : 108 - Lamps, reflective devices, and assoc. Equipment

FMVSS 2 : NR

Description of the Safety Risk : Unintended illumination of the brake lights may be noticeable to other road users, create confusion for the driver following the subject vehicles as to the meaning of the signal and increase the risk of crash. There have been no reported injuries or accidents related to this defect.

Description of the Cause : Due to an error in the ABS module software, when wheel speed differentials exceed the calibrated threshold, the ABS module software may cause the ABS module to provide a signal to the ECM, which then illuminates the brake lights even when there is no brake application by the motorcycle user.

Identification of Any Warning that can Occur : None.

## Involved Components :

Component Name 1 : Bosch ABS 9.1M Plus module software

Component Description : NR

Component Part Number : NR

## Supplier Identification :

### Component Manufacturer

Name : Robert Bosch LLC

Address : 38000 Hill Tech Drive  
Farmington Hills Michigan 48331

Country : United States

## Chronology :

On Sep 28, 2021, during routine review, Polaris found a social media post about brake light issues. An investigation was commenced (Oct '21 to late-Mar '22) resulting in Polaris' determination that the brake light issue was caused by a software error in a supplier component, the Bosch ABS 9.1M Plus module. On April 9, 2022, the Polaris' Executive Review Committee dispositioned the issue as inconsequential to safety, based on Polaris' analysis including the brevity of the brake light illumination and that the issue only occurred under specific conditions, and there were no known crashes or injuries associated with the issue.

On April 13, 2022, Indian Motorcycle (Polaris) reported the noncompliance to NHTSA (later amending its report on Sep 9, 2022).

On May 13, 2022, Polaris petitioned NHTSA for a decision that the subject noncompliance was inconsequential to motor vehicle safety, detailing the particular circumstances in which the brake lighting issue occurred and citing to granted petitions for similar lighting issues.

On Jan 26, 2024, Polaris received notice from NHTSA that the petition was not approved. On Feb 2, 2024, Polaris filed the Noncompliance Notice 573 Report upon receiving the notification of NHTSA's determination regarding the petition.

The initial reported affected population was 12,619 vehicles (reported on the April 13, 2022, Form 573). This

number is now reduced by 971 vehicles where Polaris has confirmed these vehicles have already received the software update (e.g., via routine service visits or updated while in manufacturer control) or have never been transported beyond the direct control of Polaris.

Polaris, adhering to NHTSA's decision, initiates this recall for 11,648 vehicles.

There are no known reported crashes or injuries associated with this condition.

## Description of Remedy :

Description of Remedy Program : Indian Motorcycle will inform dealers of the reported concern and provide instructions to dealers on steps to take to reflash the ABS module. Owners will be notified by mail and instructed to take their motorcycle to a dealer to have ABS module software re-flashed . There will be no charge for this service. Indian Motorcycle will forward a copy of the notification letters to dealers to the agency when available.

How Remedy Component Differs from Recalled Component : N/A

Identify How/When Recall Condition was Corrected in Production : As of April 13, 2022, all product leaving an Indian Motorcycle manufacturing facility have the correct ABS module software and thus do not have this inadvertent brake light illumination issue.

## Recall Schedule :

Description of Recall Schedule : Upon approval, owner notification letters will be mailed no later than 30 days after submission of this report.

Planned Dealer Notification Date : FEB 14, 2024 - FEB 14, 2024

Planned Owner Notification Date : FEB 14, 2024 - FEB 14, 2024

\* NR - Not Reported