

Part 573 Safety Recall Report

23V-829

Manufacturer Name : Indian Motorcycle Company**Submission Date :** DEC 13, 2023**NHTSA Recall No. :** 23V-829**Manufacturer Recall No. :** I-23-07**Manufacturer Information :**

Manufacturer Name : Indian Motorcycle Company

Address : 2100 Highway 55

Medina MN 55340

Company phone : 800-765-2747

Population :

Number of potentially involved : 1,215

Estimated percentage with defect : 3 %

Vehicle Information :

Vehicle 1 : 2023-2024 Indian Chieftain Dark Horse

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population consists of some Model Year 2023-2024 Chieftain, Roadmaster, and Springfield motorcycles produced beginning on May 22, 2023 through October 25, 2023. Units affected were identified based on increased risk of sensor misrouting as determine by review of manufacturing data and warranty claims.

Production Dates : MAY 22, 2023 - OCT 25, 2023VIN Range 1 : Begin : 56KTCDBB8P3419789 End : 56KTCDBB4R3424426 Not sequential

Vehicle 2 : 2023-2024 Indian Chieftain Dark Horse Icon

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population consists of some Model Year 2023-2024 Chieftain, Roadmaster, and Springfield motorcycles produced beginning on May 22, 2023 through October 25, 2023. Units affected were identified based on increased risk of sensor misrouting as determine by review of manufacturing data and warranty claims.

Production Dates : MAY 24, 2023 - SEP 13, 2023VIN Range 1 : Begin : 56KTCDBB0P3419916 End : 56KTCDBB8P3423261 Not sequential

Vehicle 3 : 2023-2023 Indian Chieftain Elite

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population consists of some Model Year 2023-2024 Chieftain, Roadmaster, and Springfield motorcycles produced beginning on May 22, 2023 through October 25, 2023. Units affected were identified based on increased risk of sensor misrouting as determine by review of manufacturing data and warranty claims.

Production Dates : MAY 22, 2023 - JUN 05, 2023

VIN Range 1 : Begin : 56KTCEBB5P3419819 End : 56KTCEBB7P3420261 Not sequential

Vehicle 4 : 2023-2024 Indian Chieftain Limited

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population consists of some Model Year 2023-2024 Chieftain, Roadmaster, and Springfield motorcycles produced beginning on May 22, 2023 through October 25, 2023. Units affected were identified based on increased risk of sensor misrouting as determine by review of manufacturing data and warranty claims.

Production Dates : MAY 22, 2023 - OCT 24, 2023

VIN Range 1 : Begin : 56KTCABB4P3419822 End : 56KTCABB4R3424389 Not sequential

Vehicle 5 : 2023-2024 Indian Chieftain

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population consists of some Model Year 2023-2024 Chieftain, Roadmaster, and Springfield motorcycles produced beginning on May 22, 2023 through October 25, 2023. Units affected were identified based on increased risk of sensor misrouting as determine by review of manufacturing data and warranty claims.

Production Dates : MAY 22, 2023 - OCT 12, 2023

VIN Range 1 : Begin : 56KTCBAA3P3419809 End : 56KTCBAA8R3423986 Not sequential

Vehicle 6 : 2023-2024 Indian Springfield Dark Horse

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population consists of some Model Year 2023-2024 Chieftain, Roadmaster, and Springfield motorcycles produced beginning on May 22, 2023 through October 25, 2023. Units affected were identified based on increased risk of sensor misrouting as determine by review of manufacturing data and warranty claims.

Production Dates : MAY 22, 2023 - OCT 20, 2023

VIN Range 1 : Begin : 56KTJDBB7P3419787 End : 56KTJDBB3R3424276 Not sequential

Vehicle 7 : 2024-2024 Indian Roadmaster Elite

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population consists of some Model Year 2023-2024 Chieftain, Roadmaster, and Springfield motorcycles produced beginning on May 22, 2023 through October 25, 2023. Units affected were identified based on increased risk of sensor misrouting as determine by review of manufacturing data and warranty claims.

Production Dates : JUN 06, 2023 - AUG 28, 2023

VIN Range 1 : Begin : 56KTKEBB9R3420333 End : 56KTKEBB5R3422757 Not sequential

Vehicle 8 : 2023-2024 Indian Roadmaster Dark Horse

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population consists of some Model Year 2023-2024 Chieftain, Roadmaster, and Springfield motorcycles produced beginning on May 22, 2023 through October 25, 2023. Units affected were identified based on increased risk of sensor misrouting as determine by review of manufacturing data and warranty claims.

Production Dates : MAY 22, 2023 - OCT 04, 2023

VIN Range 1 : Begin : 56KTKDBB4P3419792 End : 56KTKDBB3R3423741 Not sequential

Vehicle 9 : 2023-2024 Indian Roadmaster

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population consists of some Model Year 2023-2024 Chieftain, Roadmaster, and Springfield motorcycles produced beginning on May 22, 2023 through October 25, 2023. Units affected were identified based on increased risk of sensor misrouting as determine by review of manufacturing data and warranty claims.

Production Dates : MAY 23, 2023 - OCT 23, 2023

VIN Range 1 : Begin : 56KTRABB4P3419852 End : 56KTRABB4R3424357 Not sequential

Vehicle 10 : 2023-2024 Indian Springfield

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population consists of some Model Year 2023-2024 Chieftain, Roadmaster, and Springfield motorcycles produced beginning on May 22, 2023 through October 25, 2023. Units affected were identified based on increased risk of sensor misrouting as determine by review of manufacturing data and warranty claims.

Production Dates : MAY 22, 2023 - OCT 24, 2023

VIN Range 1 : Begin : 56KTHAAAXP3419799 End : 56KTHAAA8R3424390 Not sequential

Vehicle 11 : 2023-2024 Indian Roadmaster Limited

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population consists of some Model Year 2023-2024 Chieftain, Roadmaster, and Springfield motorcycles produced beginning on May 22, 2023 through October 25, 2023. Units affected were identified based on increased risk of sensor misrouting as determine by review of manufacturing data and warranty claims.

Production Dates : MAY 22, 2023 - OCT 02, 2023

VIN Range 1 : Begin : 56KTKABB7P3419784 End : 56KTKABB6P3423616 Not sequential

Description of Defect :

Description of the Defect : Indian Motorcycle has determined that some Model Year 2023-2024 Chieftain, Roadmaster, and Springfield motorcycles may have been built with an improperly routed crankshaft position sensor. This may cause the crankshaft position sensor to contact the front head pipe and result in a sensor failure and vehicle stall during operation, which increases the risk of a crash and serious injury.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Potential for engine stall increasing the risk of crash and serious injury.

Description of the Cause : Improperly routed crankshaft position sensor.

Identification of Any Warning None
that can Occur :

Involved Components :

Component Name 1 : Crank Position Sensor

Component Description : Crank Position Sensor

Component Part Number : 2411589

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR
NR
Country : NR

Chronology :

At the end of October 2023, during a routine warranty claim review, Indian Motorcycle identified four (4) warranty claims, which reported smoke emanating from the sensor wire due to contact with exhaust head pipe. Thereafter, Indian Motorcycle began an investigation, which included a review and analysis of warranty claims and an internal vehicle audit.

Through the investigation, Indian Motorcycle identified a total of eight (8) claims of the reported issue, including one claim that reportedly resulted in a vehicle stall. The internal vehicle audit identified approximately 3% of potentially affected vehicles may be subject to the sensor wire melt. Indian Motorcycle has not identified any reports involving a crash, injuries, or deaths related to this reported issue, and has not identified any associated NDFRs.

On November 30, 2023, Indian Motorcycle's Executive Review Committee decided that vehicles equipped with an improperly routed crankshaft position sensor, which may result in a vehicle stall during operation, is a safety-related defect.☐

Thereafter, Indian Motorcycle received an additional claim related to the reported concern.

Chronology of warranty claims:

10/26/2023 Indian Motorcycle identified (4) warranty claims, which reported smoke emanating from the sensor wire due to contact with exhaust head pipe.

10/27/2023 (1) additional claim was identified in the field that resulted in a vehicle stall. Additional inspection found the Crank Position Sensor wiring had melted.

10/31/2023 (1) additional claim identified to be potentially affected by the same issue.

11/2/2023 (1) additional claim identified after receiving notice of a melted Crank Position Sensor.

11/17/2023 (1) additional claim identified after receiving notification of a melted Crank Position Sensor.

12/5/2023 (1) additional claim identified after receiving notification of a melted Crank Position Sensor.

Description of Remedy :

Description of Remedy Program : Indian Motorcycle will inform dealers of the reported concern and provide instructions to dealers to inspect and route the crankshaft position sensor in a validated configuration, and replace, if needed, at no cost to consumers. Customers who paid to replace or service their vehicle for this condition prior to the recall notification may be eligible for reimbursement per Indian Motorcycle's General Recall Reimbursement Plan on file with NHTSA.

How Remedy Component Differs from Recalled Component : N/A

Identify How/When Recall Condition was Corrected in Production : As of October 26, 2023, the crankshaft position sensor misrouting has been corrected in production units.

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 : DEC 14, 2023 - DEC 14, 2023

Planned Owner Notification Date : DEC 28, 2023 - DEC 28, 2023

* NR - Not Reported