

Part 573 Safety Recall Report

16V-752

Manufacturer Name : Polaris Industries, Inc.

Submission Date : OCT 21, 2016

NHTSA Recall No. : 16V-752

Manufacturer Recall No. : T-16-02



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 : 6,860

Estimated percentage with defect : 3 %

Vehicle Information :

Vehicle 1 : 2016-2017 Polaris Slingshot

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : Slingshot® is a three-wheeled motorcycle. The affected vehicles were identified based on manufacturing records. The VINs identified contain all of the potentially affected machines.

Production Dates : DEC 28, 2015 - APR 27, 2016

VIN Range 1 : Begin : 57XAAPFA3G7112469 **End :** 57XAAPFA1H8120436 Not sequential

Description of Defect :

Description of the Defect : Certain Slingshot vehicles may have been manufactured where the brake pressure switch was over torqued. This may result in a yielded brake seal posing a leak in the brake system.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : A leak in the brake system, after a period of non-use, may result in decreased brake performance increasing the risk of a crash.

Description of the Cause : Assembly Line installation tool change (from a mechanical clicker-type torque wrench, to an electronic DC torque tool), Brake Pressure Switch / Brake Line Banjo joints over torqued, resulting with the steel portion of the Stat-O-Seal yielding.

Identification of Any Warning that can Occur : After extended period of no use; vehicle will have increased brake pedal travel before brake pressure builds. This will be noticeable at first brake pedal activation after period of non use.

Supplier Identification :

Component Manufacturer

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

Chronology :

Polaris Regional Sales Representative alerted Polaris engineer of issue with his corporate assigned vehicle.
Polaris Design Engineer assigned to vehicle and determined root cause of vehicle soft brake pedal.
Polaris Design Engineer and Polaris Manufacturing Engineering determined assembly process root cause of defect.
Polaris PAP process initiated and followed.
Executive review resulted in recall action.
Service procedure written and service kit identified.
Service Failure Mode Effects Analysis completed.
NHTSA notified.

Description of Remedy :

Description of Remedy Program :	Slingshot will send a Safety Recall Letter to all consumers of record instructing them to present their machine to a Slingshot dealer so that the repair can be performed at no cost to the consumer. The following appears in the consumer letter regarding reimbursement: If you have had this repair performed before you received this letter, you may be eligible to receive reimbursement for the cost of obtaining a prenotification remedy of the problem associated with this recall. For more information regarding reimbursement please contact your Slingshot dealer or the Slingshot Consumer Service Department using the information above.
How Remedy Component Differs from Recalled Component :	Process change / reduced installation torque of new Stat-O-Seals. No component differences between the remedy component and the recalled component, only installation torque value.
Identify How/When Recall Condition was Corrected in Production :	Process change / reduced installation torque value (initially from 15 +/-3 ft-lbs, reduced to 12 +/-2 ft-lbs) was implemented in production on 29-APR-2016 on VIN 16963.

Recall Schedule :

Description of Recall Schedule : Polaris will notify dealers with repair instructions, and consumers with a recall notice with information and instructions about the recall.

Planned Dealer Notification Date : OCT 24, 2016 - NR

Planned Owner Notification Date : OCT 25, 2016 - NR

* NR - Not Reported