

Part 573 Safety Recall Report

20V-350

Manufacturer Name : Kymco USA
Submission Date : APR 06, 2021
NHTSA Recall No. : 20V-350
Manufacturer Recall No. : NR

**Manufacturer Information :**

Manufacturer Name : Kymco USA
Address : 5 Stan Perkins Road
 Spartanburg SC 29307
Company phone : 999

Population :

Number of potentially involved : 1,786
Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2018-2019 KYMCO Like 150i
Vehicle Type : MOTORCYCLES
Body Style : OTHER
Power Train : GAS

Descriptive Information : Key issue: excessive grease used by supplier on sensor magnetic ring in ABS caused the magnetic ring deterioration and resulting in ABS dysfunction.
 Bases: any sensor with excessive grease should be included in the recall
 Differences: visible excessive grease (supplier corrected it in mid-2019 MY?) vs. limited grease for lubrication purpose only
 Product specifics:
 total 17xx Like150 MY 2018 and 2019

Production Dates : FEB 13, 2018 - MAY 14, 2019

VIN Range 1 : Begin : LC2DBJ149KC100101 **End :** LC2DBJ141KC101050

Not sequential

VIN Range 2 : Begin : LC2DBJ140JC100101 **End :** LC2DBJ147JC100936

Not sequential

Description of Defect :

Description of the Defect : Excessive grease used by supplier on sensor magnetic ring in ABS caused the magnetic ring deterioration and resulting in ABS dysfunction.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk :

- based the laboratory test, the distance to brake is 4.9 meter with defaulted ABS products (vs. 5.1 meter); therefore, there is no test based safety risk
- Indications of defects: ABS light on the meter will be lit up and ABS

function will be disabled.

Description of the Cause : Defect is caused by excessive grease on magnetic ring

Identification of Any Warning : Magnetic ring (in magnet set front speed sensor) deteriorated prematurely
that can Occur : causing ABS dysfunction and the light on meter will light up.

Involved Components :

Component Name 1 : Speed Sensor

Component Description : magnetic ring

Component Part Number : 44800-AEA7_E10

Supplier Identification :

Component Manufacturer

Name : M.H.C. (MING HORNG INDUSTRIAL CO., LTD.)

Address : No.2 Industry 2nd. Rd., Jen-Wu,
Kaohsiung Foreign States 81469

Country : Taiwan, Province of China

Chronology :

Starting 2019, KYMCO Taiwan received feedback from markets globally on ABS dysfunction. With cases increase in the US, a voluntary recall is decided.

Description of Remedy :

Description of Remedy Program : KYMCO USA, Inc. will provide recall kit at no charge and reimburse labor fee to dealers. KYMCO

The code for this recall : Like150-2020-Recall

• Recall kit (Part Number: Like150-2020-Recall-Kit) will include the following items:

~Replacement part: A magnetic ring – Part # xxxxxxxx

~Repair instructions

~Warranty/Reimbursement Instructions

• Flat rate code: Market 100 USD/hr

• Flat rate time allocated: 30 mins/unit

Any warranty cases reported for the affected models prior to the initiation of this recall is eligible for warranty replacement at no cost to the customer.

How Remedy Component Differs from Recalled Component : 1.no visible excessive grease in the sensor
2.intact magnetic ring without visible deterioration

Process: Clean the grease in the sleeve of the speed sensor, and replace the magnet ring in the speed sensor with new one.

Identify How/When Recall Condition was Corrected in Production : Refrain excessive grease in sensor; the correction started from 2019/3/3

Recall Schedule :

Description of Recall Schedule : NR

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

* NR - Not Reported