

# Part 573 Safety Recall Report

## 22V-862

**Manufacturer Name :** Genuine Scooters, LLC**Submission Date :** NOV 21, 2022**NHTSA Recall No. :** 22V-862**Manufacturer Recall No. :** NR**Manufacturer Information :**

Manufacturer Name : Genuine Scooters, LLC

Address : 2700 W Grand Avenue  
Chicago IL 60612

Company phone : 773-433-1316

**Population :**

Number of potentially involved : 817

Estimated percentage with defect : 100 %

**Vehicle Information :**

Vehicle 1 : 2022-2022 Genuine Buddy Kick 125

Vehicle Type : MOTORCYCLES

Body Style :

Power Train : GAS

**Descriptive Information :** The fuel pump on your 2022 Genuine Buddy Kick 125 scooter may have an incorrect manufacturing tolerance on the impellor. If the incorrect tolerance on this impellor causes it to fail, you may unexpectedly lose motor power to your scooter, increasing the risk of a crash. This affects 817 scooters.

Production Dates : AUG 02, 2021 - JUL 31, 2022

VIN Range 1 : Begin : RFVJFJ100N1002800 End : RFVJFJ100N1003617

☐ Not sequential**Description of Defect :**

**Description of the Defect :** Fuel pump analysis indicates the pump failure is a result of a manufacturing tolerance error between the pump impeller and the pump body. The tolerance between the pump impeller and pump body is too narrow and the impeller can strike the pump body causing the pump to fail. Failure of the fuel pump can cause unexpected loss of motive power.

FMVSS 1 : NR

FMVSS 2 : NR

**Description of the Safety Risk :** During operation, failure of the fuel pump can cause loss of motor power to the scooter without warning. This could result in a loss of motive power, which can increase the risk of an accident.

**Description of the Cause :** NR

**Identification of Any Warning that can Occur :** NR

### Involved Components :

Component Name 1 : Fuel Pump

Component Description : Electric fuel pump mounted in-tank

Component Part Number : BA5218000001

### Supplier Identification :

#### Component Manufacturer

Name : Motive Power Industry Co.

Address : No 66, Shanjiao Road, Dacun  
Township, Changhua County Taiwan Foreign States

Country : Taiwan, Province of China

### Chronology :

Buddy Kick has been an active model for Genuine Scooter Company since 2016. This model has had an extremely low failure rate on fuel pumps during its entire selling history. In early July of 2022, our warranty department reported that several dealers had submitted warranty claims for failed fuel pumps on the Buddy Kick model. We ran a warranty report analysis and determined that the fuel pumps that had all failed within the first 500 miles of vehicle operation and seemed to be confined to a specific range of VIN numbers. We reported our findings to the factory based in Taiwan. The factory subsequently requested defect samples of the failed fuel pumps. We obtained samples from our dealer network and sent the defective fuel pumps to the factory in August. The factory worked with the fuel pump supplier to analyze the defective fuel pump samples. The fuel pump supplier provided feedback at the end of September that the manufacturing tolerances on the fuel pump had changed and were too close causing the pump impeller to contact the pump body with subsequent failure of the fuel pump. The fuel pump manufacturing process was evaluated and adjusted in October to ensure the tolerances were within the proper specifications to prevent future pump failures. The factory confirmed fuel pumps could be manufactured with the correct tolerances in November and subsequently a recall has been issued to remedy.

### Description of Remedy :

Description of Remedy Program : To remedy, the fuel pumps of bikes within this VIN range will be replaced with new production fuel pumps with the proper manufacturing tolerances between the pump impeller and the pump body. This problem will be resolved at no charge to the consumer.

How Remedy Component Differs On the defective fuel pumps, the manufacturing tolerance between the fuel

from Recalled Component : pump impeller and the fuel pump body is too small. The pump impeller may come in contact with the fuel pump body causing the pump impeller to stop. When the pump impeller stops, no fuel pressure is maintained in the fuel system and the vehicle will cease operation.

On the remedied fuel pumps, the dimension of the fuel pump impeller has been changed to ensure sufficient space exists between the pump impeller and pump body. Proper manufacturing tolerances ensure the pump impeller does not come into contact directly with the pump body during use.

Identify How/When Recall Condition was Corrected in Production : The fuel pumps were replaced in all production after 7/31/2022

### Recall Schedule :

Description of Recall Schedule : Dealers and owners will be sent both emails and letters in the mail.

Planned Dealer Notification Date : NOV 28, 2022 - DEC 09, 2022

Planned Owner Notification Date : NOV 28, 2022 - DEC 09, 2022

\* NR - Not Reported