

Part 573 Safety Recall Report

24V-020

Manufacturer Name : Morgan Motor Company Limited

Submission Date : JAN 17, 2024

NHTSA Recall No. : 24V-020

Manufacturer Recall No. : MMC2023-001



Manufacturer Information :

Manufacturer Name : Morgan Motor Company Limited

Address : Pickersleigh Road
Malvern 00 WR142LS

Company phone : 7496562632

Population :

Number of potentially involved : 62

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2023-2023 test test

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : test

Production Dates : FEB 28, 2023 - NOV 17, 2023

VIN Range 1 : Begin : NR

End : NR

☐ Not sequential

Vehicle 2 : 2023-2023 Morgan Super 3

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : The potentially defective pedal box housing is only fitted to vehicles with a specific brake system. These are fitted on all US derivative Super 3 vehicles. This brake system will soon supersede the brake system fitted to all UK and European derivative vehicles and will be the only type.

Only 62 (sixty two) US derivative vehicles have been shipped to the US. Any subsequently shipped vehicles will not have these defective parts fitted.

Production Dates : FEB 28, 2023 - NOV 17, 2023

VIN Range 1 : Begin : SA9M3TAA0PP202001

End : SA9M3TAA8PP202070

☐ Not sequential

Description of Defect :

Description of the Defect : The mounting plate where the master cylinder is mounted has become disconnected due to weld failure. This resulted in the master cylinder being able to move as the pedal is depressed as part of normal braking operation and break the hydraulic seal where the hose fits the master cylinder.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : The third party supplier who manufactures the pedal box housing for Morgan Motor Company has not manufactured the parts in line with the engineering drawing specification, meaning some welds may not perform as intended.

Description of the Cause : The third party supplier who manufactures the pedal box housing for Morgan Motor Company has not manufactured the parts in line with the engineering drawing specification, meaning some welds may not perform as intended.

Identification of Any Warning that can Occur : The brakes are likely to bind (stick on) which will be obvious to the driver, and the brake foot pedal will not return to its normal resting position, providing further warning to the driver that something is wrong.
The assembly is tested to 100 BAR post assembly and before being fitted to the vehicle by MMC. Although this test is for ensuring a sound hydraulic seal is made the test is a partial mitigation for identifying failures as this force is far greater than what is required to lock the wheels of the vehicle during aggressive braking.

Involved Components :

Component Name 1 : Welded Pedal Box Housing

Component Description : Main housing made from sheet steel which is folded and welded.

Component Part Number : A221152

Supplier Identification :**Component Manufacturer**

Name : ADV Brightware Manufacturing Limited

Address : 56 Bayton Road
Exhall Coventry Foreign States CV7 9EL

Country : United Kingdom

Chronology :

12/13/23 US Dealer informed MMC of an issue with the pedal box. MMC contained stock in production stores and notified supplier (ADV Brightware). MMC conducted testing on a small sample of parts and showed some parts were below the engineering specification, but the weld performance well exceeded the likely force required to lock the wheels. On 12/14/23 ADV Brightware recovered all remaining parts held by MMC to check

the level of compliance of their parts to the engineering specification. On 12/21/23 ADV Brightware concluded their investigations and agreed their parts did not meet the engineering specification. Based on these findings and out of the abundance of caution MMC has decided to recall 62 vehicles in the US to have the potentially defective pedal box housing part replaced with quality assured parts.

Description of Remedy :

Description of Remedy Program :	MMC have instructed their supplier ADV Brightwork to resupply quality assured parts. This is planned for 01/08/2024. MMC need to assemble these parts into the correct assembly and plan to complete sufficient (62 off) to satisfy all the vehicles currently in the US, likely to be by or before the end of January 2024. Parts will be sent to the dealers. A spread sheet exists but cannot be attached to this form. A batch of parts with consecutive numbers 200 to 400 will differentiate them from the recall condition. The remedial work will be carried out at no cost to the customer or dealer. Morgan Motor Company will look to recover costs from the third party supplier (ADV Brightware).
How Remedy Component Differs from Recalled Component :	Consecutive batch numbers from 200 to 400 will distinguish remedied parts from recalled parts.
Identify How/When Recall Condition was Corrected in Production :	The recall condition will be corrected in production by the supplier starting 01/08/2024. These quality assured parts will then need to be built into replacement assemblies by MMC, quality checked, and sent to the US dealers to carry out the recall work.

Recall Schedule :

Description of Recall Schedule :	The attached communication (US Dealer Recall Notification_Morgan Motor company.pdf) was sent to the US dealers affected by the potential defective pedal box housing 12/27/2023. This communication was sent to mitigate any vehicles which may be fitted with defective parts from being sold or delivered to end customers. Please note that the term noncompliant was used with respect to the engineering and quality specification NOT concerning FMVSS. Letters will be sent to the end customers (purchasers) 5 days after submitting this notice to NHTSA.
Planned Dealer Notification Date :	NR - NR
Planned Owner Notification Date :	JAN 22, 2024 - FEB 23, 2024

* NR - Not Reported