

Part 573 Safety Recall Report

21E-064

Manufacturer Name : Magna International Inc.

Submission Date : SEP 08, 2021

NHTSA Recall No. : 21E-064

Manufacturer Recall No. : NR



Manufacturer Information :

Manufacturer Name : Magna International Inc.

Address : 337 Magna Drive

Aurora 00 L4G7K1

Company phone : 9057267022

Population :

Number of potentially involved : 53

Estimated percentage with defect : 100 %

Equipment Information :

Brand / Trade 1 : Magna Steyr

Model : Affected vehicle models were the BMW Z4, Toyota Supra, Bentley Flying Spur, and Mercedes G-Class

Part No. : See below

Size : Between 52L and 100L

Function : Fuel Tanks

Descriptive Information : After receiving a field complaint from BMW, vehicle assembly and Steyr production records were reviewed to determine potentially affected vehicles. A total of 134 tanks were identified as potentially affected, 53 of which were shipped to the United States:

15 BMW Z4 vehicles; 34 Toyota Supra vehicles; 1 Bentley Flying Spur vehicle; and 3 Mercedes G-Class vehicles.

0.045% of the tanks manufactured were potentially affected.

Production Dates : MAR 07, 2019 - OCT 08, 2020

Description of Defect :

Description of the Defect : Weld between two halves of the fuel tanks may not have been performed according to specifications. More specifically, the maximum joining time for the two halves was exceeded.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : According to our customers BMW and Bentley in their respective Recall Reports 20V-700 and 21V-104: If the weld separates, fuel leak could occur. Fuel, in the presence of an ignition source, could lead to fire.

However, Magna Steyr is not aware of any actual fires or accidents involving

the affected tanks.

Description of the Cause : See descriptions above.

Identification of Any Warning that can Occur : According to our customers BMW and Bentley in their respective Recall Reports 20V-700 and 21V-104: The issue may be noticed by fuel odor, or a fuel leak under the vehicle.

Involved Components :

Component Name : Fuel Tanks

Component Description : Containers to store gasoline in the vehicle that is needed to fire the engine. The component consists of a filler pipe, main tank, and pump.

Component Part Number : 1000045620 (for BMW), 1000043710 (for Mercedes-Benz), 1000045350 (for Bentley Motors)

Supplier Identification :

Component Manufacturer

Name : FUEL-TEC

Address : Tesma Allee 1
Sinabelkirchen Foreign States 8261

Country : Austria

Chronology :

September 25, 2020: Field complaint from BMW regarding leaky tank in pinchline-area (laterally) in vehicle.
Between October 2020 and January 2021: Magna Steyr notified its purchasers of the populations of affected tanks.

July 2021: NHTSA requested that Magna Steyr file this report.

Description of Remedy :

Description of Remedy Program : Replacement tanks have been provided to Magna Steyr's purchasers, who are handling the replacements in vehicles in the field.

Remedial measures have also been implemented by Magna Steyr, including updated computer programming to ensure maximum allowed joining time is not exceeded.

The costs of remediation have been incurred by Magna Steyr.

How Remedy Component Differs from Recalled Component : NR

Identify How/When Recall Condition was Corrected in Production : See chronology of events set forth above.

Recall Schedule :

Description of Recall Schedule : Magna Steyr does not have dealers or distributors. The purchasers (who were notified by Magna Steyr between October 2020 and January 2021) are conducting the recalls and notifications, as discussed in recall report nos. 21V-564, 20V-700, and 21V-104.

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

Purchaser Information :

The following manufacturers purchased this defective/noncompliant equipment for possible use or installation in new motor vehicles or new items of motor vehicle equipment:

Name : BMW AG

Address : Schleißheimer Str. 422
Munich 00 80935

Country : DE

Company Phone : +49 89 382 57596

Name : BENTLEY MOTORS Limited

Address : Pyms Lane
Crewe 00 CW1 3PL

Country : GB

Company Phone : +44 1270 255155

Name : Mercedes-Benz G GmbH

Address : Dr. Auner Str. 21
Raaba 00 8074

Country : AT

Company Phone : +1 904 741 9607

* NR - Not Reported