

Part 573 Safety Recall Report

20V-406

Manufacturer Name : Daimler Coaches North America

Submission Date : JUL 14, 2020

NHTSA Recall No. : 20V-406

Manufacturer Recall No. : 43.54U20107A



Manufacturer Information :

Manufacturer Name : Daimler Coaches North America

Address : 2477 Deerfield Drive

Fort Mill SC 29715

Company phone : 800-206-9728

Population :

Number of potentially involved : 64

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2018-2019 Setra S407

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : The recall population was based on manufacturing records. The VIN range reflects all possible vehicles that could potentially experience the problem.

2018 Setra s407 - 6 affected vehicles.

2019 Setra S407 - 5 affected vehicles.

2019 Setra S417TC - 31 affected vehicles

2020 Setra S417TC - 22 affected vehicles

Production Dates : FEB 01, 2018 - JAN 31, 2019

VIN Range 1 : Begin : WKKA404H6J3050161 End : WKKA404H7K3050171 ☐ Not sequential

Vehicle 2 : 2019-2020 Setra S417TC

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : The recall population was based on manufacturing records. The VIN range reflects all possible vehicles that could potentially experience the problem.

Production Dates : JUN 01, 2018 - JAN 31, 2020

VIN Range 1 : Begin : WKKA574H7K3010310 End : WKKA574H0L3010361 ☐ Not sequential

Description of Noncompliance :

Description of the Noncompliance : Setra motorcoaches, produced after June 24, 2018 are equipped with a driver selected Electronic Stability Control (ESC) 'off' switch to disable the traction control portion of ESC and thereby enhance traction at start off in poor road conditions. It is therefore possible for the ESC to continue to be disabled at speeds above 20 km/h if the driver does not re-engage ESC. This is non-compliant with FMVSS 136 for vehicles over 33,000 lbs where ESC must be enabled at speeds above 20 km/h.

FMVSS 1 : 136 - Electronic Stability Control Systems on Heavy Vehicles

FMVSS 2 : NR

Description of the Safety Risk : The vehicles could be operated at speeds in excess of 20 km/h with the Electronic Stability Control (ESC) system disabled, thereby possibly reducing overall vehicle stability.

Description of the Cause : The introduction of FMVSS 136, Electronic Stability Control for heavy duty vehicles over 33,000lbs on June 24, 2018 was not reviewed with its applicability to certain Setra motorcoaches.

Identification of Any Warning that can Occur : The dashboard telltale symbol would be illuminated indicating the ESC system is 'Off'.

Involved Components :

Component Name 1 : NR

Component Description : NR

Component Part Number : NR

Supplier Identification :**Component Manufacturer**

Name : NR

Address : NR

NR

Country : NR

Chronology :

June 23, 2020 - Discussion of the ESC/ESP function issue and the FMVSS 136 regulation at the EvoBus monthly Technical Clearing Team meeting.

July 07, 2020 - Internal analysis to determine the cause at EvoBus GmbH. Investigation of possible affected markets and units.

July 09, 2020 EvoBus GmbH determined a non-compliance with FMVSS 136 exists in certain Setra motorcoaches.

Description of Remedy :

Description of Remedy Program : Replace the ESC 'Off' switch with a new 'TC-Off' button and perform a software update. Installation of a control light on the dashboard to indicate to the driver that traction control is deactivated. The ESC system will always be active and not possible to disable.

How Remedy Component Differs from Recalled Component : The remedy switch will be marked 'TC OFF'.

Identify How/When Recall Condition was Corrected in Production : Not yet corrected in mass production due to no production of US destined vehicles. When produced, vehicles will not be equipped with an 'ESC OFF' switch, but will be equipped with a 'TC OFF' switch.

Recall Schedule :

Description of Recall Schedule : Affected customers will be notified by September 7, 2020.

Planned Dealer Notification Date : SEP 07, 2020 - SEP 07, 2020

Planned Owner Notification Date : SEP 07, 2020 - SEP 07, 2020

* NR - Not Reported