

Measure no.

US 59279648-02

Subject

Retrofitting the Switching Assistant Pro

Status date (mm/dd/yy)

9/10/14

Status

Accepted

Organization

US, MOT

Date created (mm/dd/yy)

9/10/14

Created by

Martin Bumba

PQM Problem reference**Release date (mm/dd/yy)****Approved by****Dealer release**

Allow automatic release

Vehicles affected**E series**

K50 K51 K52

Engine**Body****Production period (from/to)**

(mm/dd/yy)

Comment on production period**Feedback (all cases relating to****measure up to) (mm/dd/yy)**

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Complaint

1. Correct procedure for retrofitting option 222 (Switching Assistant Pro) on the models stated.
2. The ESA coding procedure fails when retrofitting the Switching Assistant Pro.

After full recoding, the Switching Assistant Pro does not work.

The Switching Assistant Pro can only be activated once using the existing enabling code.

Cause

Coding of the control units runs at the same time in the 2020 vehicle electrical system. This can cause problems in the ESA control unit, which lead to the ESA coding error. This means the vehicle order is not written after the Switching Assistant Pro has been retrofitted. As the enabling code has already been activated, it is deactivated during the next session (as the Switching Assistant Pro is not present in the vehicle order).

Measure

1. Measure for avoiding the error:

After retrofitting the Switching Assistant Pro, examine the final report. If incorrect ESA coding is found, select "Continue session". Now carry out the Switching Assistant Pro retrofit again. If, while carrying out the subsequent full coding, an error occurs while coding the ESA control unit, the process must be repeated. The vehicle order can only be written correctly with option 222 Switching Assistant Pro when there is no longer an error in the ESA control unit.

2. Measure if the error occurs:

If full coding is carried out after retrofitting the Switching Assistant Pro because the ESA coding had failed, the enabling code is deactivated and the Switching Assistant Pro does not work. The Switching Assistant Pro can no longer be reactivated using the existing enabling code. It can only be used once. Order a new retrofit enabling code for the Switching Assistant Pro and proceed as described under point 1.

After programming the ESA control unit with ISTA/P version 53.0 (from around August 2014), a coding error will not occur in the ESA control unit when carrying out full motorcycle coding.

Complaint

Fault location	Fault type	Fault place	Fault conditions
Retrofit	Cannot be activated / selected		While encoding

Cause

#	Fault location	Fault type	Fault place
1	12/90 Control unit box	No enabling code	
	Repair Task	Special Clearance	Area
	Program/encode	No	Electrics/Electronics

#	Fault location	Fault type	Fault place
2	61/35 ESA control unit	Faulty encoding	
	Repair Task	Special Clearance	Area
	Program/encode	No	Electrics/Electronics

Fault code

Progman / DIS / ISTA / ISTA/P

System	State	Version
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