

Measure no.

US 60007495-01

Subject

ABS Pro coding issues when retrofitting

Status date (mm/dd/yy)

10/23/14

Status

Accepted

Organization

US, MOT

Date created (mm/dd/yy)

10/23/14

Created by

Werner Uhrmann

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

Allow automatic release

Vehicles affected**E series**

K42

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

(mm/dd/yy)

Comment on production period

/

Feedback (all cases relating to

measure up to) (mm/dd/yy)

Complaint

Coding issues when retrofitting the ABS Pro

Cause

After programming the ABS, DDC no longer responds. This is a program fault

Measure

If the DDC coding fails, only the ABS Pro retrofit needs to be selected again. When you do this, the ABS is not reprogrammed, provided the ABS programming that was carried out was OK. The attached images below will show the process in detail.

Complaint

Fault location	Fault type	Fault place	Fault conditions
Encoding / programming	Malfunction		While programming

Cause

#	Fault location	Fault type	Fault place
1	34/52 Electronic component (ABS,ASC)	Programming not possible	
Repair Task		Special Clearance	Area
Program/encode		No	Chassis and Suspension

Fault code**Progman / DIS / ISTA / ISTA/P****System****State****Version**

DDC coding fails when programming ABS Pro retrofit

Session: ZC96504 Vehicle: K42 Terminal 15: 14.13V Terminal 30: 14.31V

Execute measures plan

Control module tree **Action list**

Integr. level (actual)		Integr. level (target)			
K024-14-08-500		K024-14-08-500			
Status	Action	Short name	Channel	Progress %	Note
✓	Program P	ABS	DIAGBUS		
✓	Code C	DME	DIAGBUS		
✗	Code C	DDC	DIAGBUS		Global.VehicleCommunication
✓	Code C	DWA	DIAGBUS		
✓	Code C	KOMBI	DIAGBUS		
✓	Manual reset (ignition)	ABS	DIAGBUS		
✓	Delete fault memory		DIAGBUS		
✓	Read fault code memory		DIAGBUS		
✗	Write vehicle order	DME	DIAGBUS		
✗	Write vehicle order	KOMBI	DIAGBUS		
✗	Write CKM settings		DIAGBUS		
✓	Update integration level		DIAGBUS		

Executing extended measures plan
Time remaining: 00:00:00 **Display complete** End session

Select follow instructions in ISTA /P and at the end of the session "continue session"

Integrated Service
Technical Application / Programming

Session: ZC96504 Vehicle: K42 Terminal 15: 14.13V Terminal 30: 14.29V

Measures plan execution completed

Final report Control module tree Action list

ISTA/P

Final report

Session name: K42_ZC96504
Duration: 00:27:10
Measures plan implementation successful: Cancellation by user
Concluding work, notes: present (see below)
Change vehicle order: Not successful

Header data

Date:	10/17/2014	Time:	9:49:54 AM	ISTA/P version:	954.0.300.11
Model series:	K42	Type/description:	0D11 / HP4 K42 US		

Continue session End session

Perform ABS Pro retrofitting again

Integrated Service
Technical Application / Programming

Session: ZC96504 Vehicle: K42 Terminal 15: 14.11V Terminal 30: 14.31V

Session Programming **Vehicle** Maintenance Data management

Conversions CKM Vehicle actions

☐ Removal of heated handlebar grips
☐ Removal of the anti-theft alarm system
☒ **Retrofitting ABS Pro**

Estimated run duration: Not available Display complete

Determine measures plan

The action plan should not included programming the ABS and should now be carried out simple

Integrated Service
Technical Application / Programming

Session: ZC96504 Vehicle: K42 Terminal 15: 14.11V Terminal 30: 14.31V

Execute measures plan

Control module tree Action list

Integr. level (actual)		Integr. level (target)			
K024-14-08-500		K024-14-08-500			
Status	Action	Short name	Channel	Progress %	Note
✓	Code C	DME	DIAGBUS		
✓	Code C	DDC	DIAGBUS		
✓	Code C	DWA	DIAGBUS		
✓	Code C	KOMBI	DIAGBUS		
✓	Delete fault memory		DIAGBUS		
✓	Read fault code memory		DIAGBUS		
✓	Write vehicle order	DME	DIAGBUS		
✓	Write vehicle order	KOMBI	DIAGBUS		
✓	Write CKM settings		DIAGBUS		
✓	Update integration level		DIAGBUS		
✓	Retrofitting ABS Pro		DIAGBUS		

Executing extended measures plan

Time remaining: 00:00:00 Display complete End session

In the vehicle order should now be available ABS Pro

Integrated Service
Technical Application / Programming

XP

Session: ZC96504 Vehicle: K42 Terminal 15: 14.13V Terminal 30: 14.29V

Session

Programming

Vehicle

Maintenance

Data management

Vehicle details

Control module tree

Process control modules

Action list

Vehicle ID number: ZC96504

E designation: K42

Odometer: 7004 mls

Type/description: HP4 K42 US

Type code: 0D11

Time criterion: 0812

Paint code: 0940

Upholstery code: 0000

Integr. level (plant): K024-12-08-510

Integr. level (actual): K024-14-08-500

Last treated with: ISTAP 2.53 - ISTAP 2.54

Optional extras:

Number	Description
413	Passenger package
182	DTC
718	Vehicle ex works Berlin
991	Control, preseries
603	Antitheft alarm system
519	Heated handlebar grips
+ABSP	ABS Pro

Activation code status (before plan execution):

Abbreviation	Application No.	Upgrade index	Status
DME	0014	0002	activated
DME	001E	0001	activated
DME	0092	0001	deactivated
DME	00A2	0001	activated
DME	00E0	0001	deactivated

Estimated run duration: Not available

Display complete

Determine measures plan