This Service Information bulletins supersedes S.I. 72 04 96 dated November 1997.

SUBJECT

Seat Belt Buckle Switch, SRS Fault Codes 16/17 or 24/25

MODEL

3 Series (E36), 5 Series (E39), 7 Series (E38) produced up to 09/97

SITUATION

The SRS airbag warning light stays illuminated, and the following fault codes are stored in the SRS Airbag Control Module fault memory:

On vehicles equipped with ZAE system,

- -- "24 Driver's seat belt buckle switch", or
- -- "25 Passenger's seat belt buckle switch"

On vehicles equipped with MRS system,

- -- "16 Driver's seat belt buckle switch", or
- -- "17 Passenger's seat belt buckle switch".

Important: These faults have no effect on the airbag deployment function.

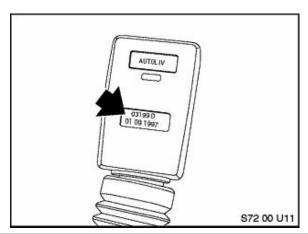
CAUSE

Defective printed circuit board or contacts of the seat buckle switch, are causing resistance values to fluctuate under mechanical load.

CORRECTION

Perform diagnosis with DIS/MoDiC tester utilizing the corresponding test modules. <u>On a customer complaint basis only</u>, and if Fault Codes 16/17 or 24/25 are logged in fault memory of the control unit, replace the respective seat safety buckle assembly with the improved part. The appropriate part number can be located in the BMW Electronic Parts Catalog (also, refer to the Parts Replacement Table below). Clear the fault memory of the airbag control module

The safety belt latch with the improvements to the mechanical microswitch can be identified by the date **01.09.1997** or higher, stamped on the receptacle housing. Furthermore, since September of 1997 a Hall Effect sensor replaced the mechanical switch in the seat latch assembly.

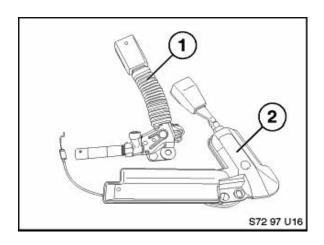


Part manufactured after 01.09.1997

For details on replacing the front left or right safety belt buckle, refer to repair instruction RA 72 11 030.

Observe all relevant safety information when performing repairs to the Airbag System. Always follow the "Safety Regulation for Handling Components of the Airbag System" (TIS 32 34...).

Important: Since March of '97 production, all E36 models are fitted with the pyrotechnical tensioner units, which replaced the mechanical type. In case of replacement, only the safety belt buckle with pyrotechnical tensioner must be used on those vehicles (P/N 72 11 8 221 013, and 72 11 8 221 014).



- 1. E36 belt buckle with pyrotechnical tensioner
- 2. E36 belt buckle with mechanical tensioner

PARTS INFORMATION

Model	Production (tensioner/switch	Part Number	Remarks
E 36/2/4/5	09/93 to 03/97	For manual seats: 72 11 8 167 711 left	Mechanical tensioner, mechanical switch (3 wires,
		72 110 107 111 1010	3 pin connector); part
		72 11 8 167 712 right	manufactured after 01.09.1997
	For electric seat:		
		72 11 8 167 715 left	
		72 11 8 167 716 right	
E 36/2/4/5	From 03/97	72 11 8 221 013 left	Pyrotechnical tensioner,
		72 11 8 221 014 right	initially mechanical switch
			(3 wires, 4 pin connector),
			replaced with Hall sensor (4
			wires, 4 pin connector)
Z 3	From 01/96	72 11 8 221 013 left	Same as above
	72 11 8 221 014 right		
E 38/39	Up to 03/97	72 11 8 233 537 left	Pyrotechnical tensioner,
		72 11 8 233 538 right	mechanical switch (3 wires,
			3 pin connector); part

manufactured after

01.09.1997

E 38/39 From 03/97 to 09/97 72 11 8 221 009 left

72 11 8 221 010 right

Pyrotechnical tensioner, initially mechanical switch (3 wires, 4 pin connector), replaced with Hall sensor (4 wires, 4 pin connector)

WARRANTY INFORMATION

Covered under the terms of the BMW New Vehicle Limited Warranty.

Defect Code 65 77 98 96 00

Labor Operation: Replacing front left or right buckle assembly with seat belt

pretensioner

Main Work: 00 52 132

Labor Allowance: 9 FRU E38, E39

6 FRU E36/2, E36/5 7 FRU E36, Z3

Associated Work: 00 52 698

Labor Allowance: 8 FRU E38, E39

5 FRU E36 6 FRU Z3

Note:

The following explanations will spell out the correct use of the work times.

Main Work:

Use this labor operation number when the only repair performed is the listed warranty repair.

OR

+Associated Work:

Use this labor operation number when other repairs or services are performed along with the listed warranty repair.

Under no circumstances should both labor operation numbers be claimed. Attempts to claim both times will result in an unnecessary delay in claim processing and payment.