GF	=91	1.60	-P-2	006T
U	0			0001

Head-on collision, function

15.3.06

MODEL 211.0/2

Head-on collision

The restraint systems control unit (N2/7) evaluates the data from the following components to determine the severity of the impact:

- Driver-side frontal acceleration sensor (B48/1)
- Passenger-side frontal acceleration sensor (B48/2)

Depending on the severity of the impact and the situation in the vehicle, the following squibs for the corresponding restraint devices are actuated:

- Driver emergency tensioning retractor squib (R12/1) (up to 31.5.06 (not (s) or (d)) or up to 30.6.06 (only (s) or (d)))
- Front passenger emergency tensioning retractor squib (R12/2) (up to 31.5.06 (not (sh) or (1)) or up to 30.6.06 (only (sh) or (1)))

- Passenger airbag squib 1 (R12/4)
- Passenger airbag squib 2 (R12/5)
- Left rear ETR squib (R12/6)
- right rear ETR squib (R12/7)
- Driver airbag squib 1 (R12/13)
- Driver airbag squib 2 (R12/14)
- Driver belt force limiter (R12/27) (up to 31.5.06 (not (Is) or (I)) or up to 30.6.06 (only (Is) or (I)))

● Driver buckle emergency tensioning retractor squib (R46) (as from 1.6.06 (not ⑤ or ☑) or as from 1.7.06 (only ⑥ or ☑))

 Front passenger buckle emergency tensioning retractor squib (R46/1)
(as from 1.6.06 (not (ISA) or (I)) or

as from 1.7.06 (not (ss) or (1))

The following information is evaluated for monitoring the situation in the vehicle interior:

Left front seat belt buckle status

If the driver seat belt buckle restraint systems switch (S68/3) detects that a belt latch has not been inserted into the seat belt buckle, then instead of the left front emergency tensioning retractor unit or the buckle emergency tensioning retractor unit, the driver airbag unit is deployed with an advanced triggering point.

Right front seat belt buckle status

instead of the right front emergency tensioning retractor unit or the right front buckle emergency tensioning retractor unit, the front passenger airbag unit is deployed with an advanced triggering point.

Front passenger seat occupation status

The restraint systems control unit uses the current assignment to decide about suppression or 1 or 2-stage actuation of the front passenger airbag unit.

1 There is no seat belt buckle inquiry for the left and right rear seats; as a result, the rear ETR squibs are always triggered.

For his in the event of a collision and if the corresponding triggering threshold is exceeded, the restraint systems control unit additionally sends a signal to the emergency call system control unit (N123/4), and an automatic emergency call is transmitted.

If the front passenger seat belt buckle restraint systems switch (S68/4) detects that a belt latch has not been inserted into the seat belt buckle, then

Front emergency tensioni location/task/design/funct		GF91.40-P-4000T
Driver airbag component	description	GF91.60-P-4037T
Front passenger airbag condescription	omponent	GF91.60-P-4038T
Rear emergency tensionii component description	ng retractor	GF91.60-P-4043T
Driver/front passenger be component description	Up to 31.5.06 (without code (494) USA version or without code (498) Japan version or up to 30.6.06 (only for code (494) USA version or only for code (498) Japan version)	GF91.60-P-4044T
Driver/front passenger bu tensioning retractor, comp		
Driver-side/front passenge acceleration sensor, com		GF91.60-P-4033T
Supplemental restraint sy location/task/design	stems control unit, N2/7	GF91.60-P-4018T
Seat belt buckle switch, c description	omponent S68/3, S68/4	GF91.60-P-4045T