

How do I check the self diagnosis codes for the auto-seatbelt?

A "problem" with the automatic seatbelt system is indicated by the seatbelt warning light flashing in 0.3 second intervals, six times (normal operation is indicated by an "on 0.5 seconds, off 0.7 seconds, on 0.5 seconds interval). The flash will occur immediately after the ignition switch is turned on.

To perform self diagnosis:

- 1) Turn ignition switch on (with engine off)*
- 2) Connect DIAG terminal to the number 8 terminal of the diagnosis connector.*
- 3) Check in accordance with the trouble code outputted by the seatbelt warning light.*

Here are the trouble codes (remembering that a "long" flash gives units of 10 and short flash indicates units of one. One long flash and one short flash would be a code 11).

11 Open and closed ends of driver's side door latch switch are ON

12 Open and closed ends of driver's side door latch switch are OFF

13 Front limit switch on driver's side remains ON

14 Rear limit switch on driver's side remains ON

15 Front and rear limit switches on driver's side are OFF

16 Shoulder belt buckle switch and front limit switch on driver's side are OFF

21 Open and closed ends of passenger's side door latch are ON

22 Open and closed ends of passenger's side door latch are OFF

23 Front limit switch on passenger's side remains ON

24 Front limit switch on passenger's side remains OFF

25 Front and rear limit switches on passengers side are OFF

26 Shoulder belt buckle switch and front limit switch on passenger's side are OFF

32 Ignition switch is ON with battery power left OFF

Only one trouble code is stored in the memory of this system. If several trouble codes are outputted, only the initial trouble code which is detected by the system is memorized.

After any repairs, the automatic shoulder belt system must be operated over its entire range (with fuse #22 removed [ignition switch OFF] and with the memory cleared) to check that the seatbelt warning light blinks abnormally.

(The removal of fuse #22 with ignition switch off, clears the memory)

The front limit switch is located on the front most end of the rail, while the rear limit switch/warning switch is integrated into the locking device at the shoulder anchor.