

Data Storage System

5.6.1.7. Data Storage System for ACSF (DSSA)

5.6.1.7.1. In order to demonstrate that the ACSF has operated in line with the relevant requirements, when a vehicle with an ACSF is involved in a collision, the DSSA shall record the data in the table below:

ACSF status

- driver's operation of brake, accelerator, steering, audible warning and lighting
- vehicle's operation of brake, accelerator, steering, audible warning and lighting
- location of vehicle
- [a video camera monitoring the driver]

Pos.	Action to be recorded	specified in	Timing of storage
1	Driver attention warning	5.6.1.2.6	permanently
2	Obstacle detection	5.6.1.1.8	permanently
3	Protective braking	5.6.1.6	Permanently
4	Operational status	5.5.2	Permanently
5	Changes of software	5.5.2.1	Perm.
6	Active or deactivated status	5.6.1.1.2	Perm.
7	Emergency manoeuvre	5.6.1.2.5	Perm
8	Transition demand	5.6.1.4	Perm.
9	Minimal risk manoeuvre	5.6.1.5	perm
10	saved		
11	saved		
12	saved		
13	Vehicle speed when system is active		6 month
13	Vehicle position		6 month
N	TBD.		

[5.6.1.7.2. It shall be possible for the driver to switch off the video camera recording (if fitted).]

5.6.1.7.3. Manufacturers shall ensure that, in the internal memory of the DSSA, data is automatically and continuously removed. After a collision, no data shall be retained, other than the data covering the last [five] seconds prior to the collision and [one] second after the collision.

5.6.1.7.4 The recorded data shall remain in the DSSA without any deterioration for at least [6] months.

5.6.1.7.5 Access to the recorded data shall be possible using one or more publicly available Crash Data Retrieval systems.