

Fiat 500L 1.4 Lounge

AEB Tested System: City Brake Control



AEB City

AEB City systems are assessed by Euro NCAP at a speed range of 10-50 km/h. Even at lower speeds, the driver does not have sufficient time to respond to a warning. Therefore, Euro NCAP only evaluates the automatic braking function for these low speed situations.

AEB TEST RESULTS (maximum is 3)

1.8

Adequate



AEB Inter-Urban

For AEB Inter-Urban systems, Euro NCAP evaluates the automatic brake function and the forward collision warning function in three different driving scenarios. Inter-Urban systems operate over the speed range 30-80km/h.

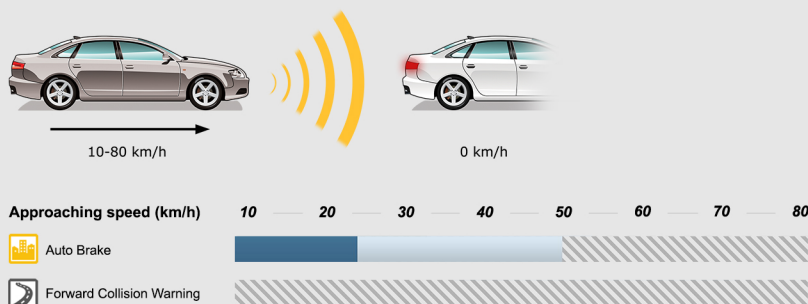


Not tested

AEB Detailed Test Results

■ Crash avoided ■ Speed reduced ■ No crash mitigation ■ Not applicable

APPROACHING A STATIONARY VEHICLE



About the system tested

Euro NCAP has tested a 2012 model year FIAT 500L equipped with a system called City Brake Control. City Brake Control uses a Lidar sensor to help a distracted driver to avoid an accident or to mitigate its severity. In the speed range 0-30km/h, the system will apply the brakes autonomously to try to stop the vehicle before an accident or, if this is not possible, to reduce the speed of the impact as much as possible. No warning is given as there is too little time in such situations for a driver to react sufficiently quickly. City Brake Control can be switched off by the driver but defaults back on again at the start of every journey.

