

KENWORTH SAFETY FEATURES

For your reference we have defined the benefits of the safety features that are fitted as standard or as options on the Kenworth range of heavy duty trucks.

Kenworth trucks are also application engineered for their specific tasks and duties which improves operational safety and handling.

New safety features are being developed all the time, and become available after extensive testing in Australian conditions to ensure they meet Kenworth's high standards of reliability and durability.

MODEL	ABS	DTC	EBD	ATC	ESP	TRM	ACB	FUPS	ECE29
T358	✓	✓	✓	✓	✓	*	*	✓	✓
T388	✓	✓	✓	✓	✓	*	*	✓	✓
T402	✓	✓	✓	✓	✓	*	*	✓	✓
T408	✓	✓	✓	✓	✓	*	*	✓	✓
T408SAR	✓	✓	✓	✓	✓	*	*	✓	✓
T608	✓	✓	✓	✓	✓	*	*	✓	✓
T668	✓	✓	✓	✓	✓	*	*	✓	✓
T908	✓	✓	✓	✓	✓	*	*	✓	✓
K108	✓	✓	✓	✓	*	*	*	✓	✓
C5	✓	✓	✓	✓	✓	*	*	✓	✓

* Available in late 2009, subject to final testing

KENWORTH ELECTRONIC BRAKE CONTROL SYSTEMS

ABS ANTILOCK BRAKING SYSTEM

Prevents wheel lock-up when the vehicle is over braked, often reducing stopping distances. Vehicles can retain directional stability and steerability, even under emergency braking on slippery road surfaces. ABS also reduces the danger of jackknifing in the case of vehicle combinations.

DTC DRAG TORQUE CONTROL

Prevents the driven wheels from compression locking on a slippery surface by raising engine revs to assist with vehicle stability.

EBD ELECTRONIC BRAKE-FORCE DISTRIBUTION

EBD helps maintain appropriate brake force to the braking wheels, reducing the differential wheel speed between all wheels, which optimises the brake force on the appropriate wheels. If the EBD threshold is exceeded, conventional ABS will take over to prevent wheel lock up.

ATC AUTOMATIC TRACTION CONTROL

Prevents wheel spin under acceleration as the drive torque exceeds the drive tyres to road surface adhesion. The ATC system communicates with the engine ECU to reduce engine power or will apply the brake to the drive wheels depending on the low traction event.

ESP ELECTRONIC STABILITY PROGRAM

Helps to restore vehicle stability through the use of ABS, ATC, steering direction and vehicle directional stability information. Steering angle, yaw, suspension pressure and brake application pressure sensors monitor the intended vehicle directional control versus actual vehicle movement. ESP intervenes by applying individual wheel brakes, or reduced engine torque when required to enhance vehicle stability. The system is compatible with multi trailer combinations.

TRM TRAILER RESPONSE MANAGEMENT

Electronic trailer brake actuation (for EBS compatible trailers only) for improved trailer braking response to assist with reduced stopping distances.

ACB ACTIVE CRUISE WITH BRAKES

Helps assist with accident avoidance, by using on board computers and radar to engage the engine and wheel braking systems if other vehicles on the road enter unsafe distances from the truck.

FUPS FRONT UNDERRUN PROTECTION SYSTEM

Factory fit FUPS are available on all Kenworth models, designed to prevent a car from being trapped underneath in the event of a collision. FUPS also helps to protect against any damage to the trucks steering – thus enabling the truck driver to stay in control.

ECE29 CAB STRENGTH

Kenworth has constructed the only test rig in Australia capable of testing to the internationally recognised cab strength standard, ECEr/c29, and have obtained independent certification to these standards across the whole range of Australian built Kenworth's. So you can be secure in the knowledge that all Kenworth cabs meet this international cab strength standard.



"*JANE DEPARTURE*" ALS

