

Smartbrake

Reducing Accidents

Product Code 27122



What is smartbrake?

Smartbrake is an electronic monitoring system that is designed to prevent an unoccupied heavy vehicle from rolling away in the event the hand brake has not been applied or has jumped off. Smartbrake monitors a number of critical parameters within the heavy vehicle. These parameters pertain to the drivers position in the vehicle the vehicles speed the condition of the park brake the door status. Under very specific circumstance this system then applies the heavy vehicles park brake automatically. In the event that Smartbrake activates the handbrake, when the driver returns to the vehicle an audio alarm will prompt him to turn the system off. The driver must then enter his personalised code using a keypad to release the system and continue normally. This feature can also be used as a security feature to prevent unauthorised movement of the vehicle.

Additional interfaces are available to allow monitoring of other vehicle states, such as the forks in a rubbish removal truck and also pump status in a fuel tanker. This will prevent the vehicle from moving by applying the hand brake if the forks are up or the pump is pumping and the hand brake has come off or not be put on. Also data logging module to allow download of Smartbrake activity via USB port.

Technical Specifications

Control Unit

Operating voltage 12-30Vdc
Operating current 90mA @ 12 Vdc Active
15mA @ 12 Vdc idle
Operating temp -20 to +55C

System Air Valve

Valve manufacturer Koganei (Japan)
Valve model number 280-4E2 (12V)

Keypad

12 key numeric keypad

Seat Sensor

Tapeswitch seat sensor strip

Ordering code 27122Kit

Authorised distributor

Please visit Smartbrake web site for list of current installers and distributors or call Smartbrake on the number below.

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