

OFF-ROAD ABS



System Limitations

- The off-road mode is designed for optimum ABS performance for **off-road surfaces only**. During onhighway operation, the normal ABS mode must always be used.
- During the off-road mode, the ABS does not control the vehicle's retarder(s). The retarders continue to function under the driver's control.
- While the off-road mode can improve vehicle control and shorten stopping distances, some steering ability may be reduced on certain surfaces resulting from the momentarily sliding tires.
- Always remember that you are the most important element in the safe operation of your vehicle - ABS is not an excuse to take unnecessary risks.



ABOUT WABCO

WABCO (NYSE: WBC) is a leading global supplier of technologies and services that improve the safety, efficiency and connectivity of commercial vehicles. Founded nearly 150 years ago as the "Westinghouse Air Brake Company," WABCO continues to pioneer breakthrough innovations for advanced driver assistance, braking, stability control, suspension, transmission automation and aerodynamics. WABCO reported sales of \$3.3 billion in 2017 and has 15,000 employees in 40 countries. For more information, visit:

www.wabco-na.com.

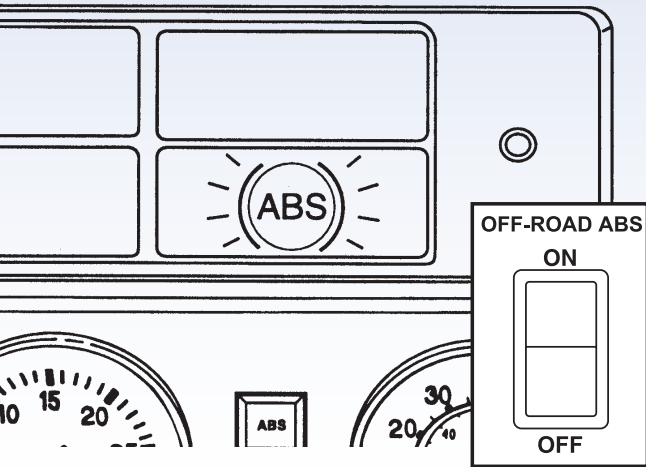
OFF-ROAD ABS

FOR VEHICLES EQUIPPED WITH THE OFF-ROAD ABS FUNCTION/SWITCH.



Driver Tips

For further product details contact your WABCO representative or the WABCO Customer Care Center at 855-228-3203.



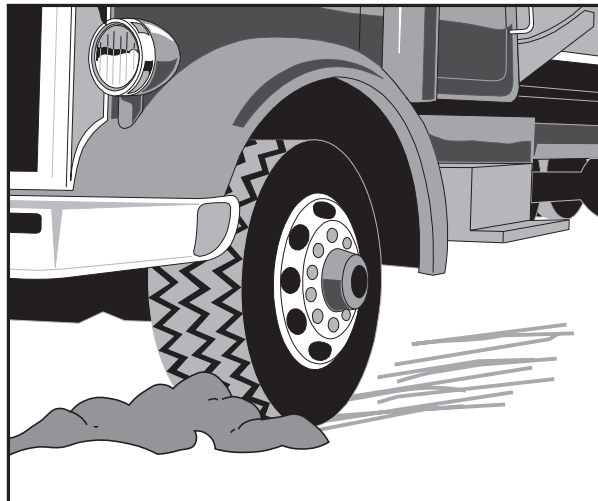
THE OFF-ROAD ABS FUNCTION

Features and Benefits:

- Changes the ABS control limits to allow for a more aggressive ABS function while off road.
- Improves vehicle control and helps reduce stopping distances in off-road conditions or on poor traction surfaces such as loose gravel, sand and dirt.
- Allows retarders to function independently of the ABS function.

HOW THE OFF-ROAD ABS FUNCTION WORKS:

- On vehicles equipped with an off-road switch, the off-road ABS mode is manually selected by the driver. On some vehicles, the off-road mode may be fully automatic.
- At speeds below 25 mph, the ABS function is modified to allow the wheels to lock for repeated short periods.
- Under 10 mph, the ABS function is turned off to allow the wheels to lock fully.
- This modified action allows a wedge of gravel, sand or dirt to build up in front of the momentarily locked wheels which helps slow the vehicle.



Light is off during normal on-highway ABS operation



Light flashes during Off-Road ABS operation

THE ABS INDICATOR LAMP

- The ABS indicator lamp on the dash will flash while the vehicle is in the off-road mode. This alerts the driver that the vehicle's normal ABS function is being modified.
- If the ABS warning lamp comes on and stays on above 4 mph (6 km/h), there is a malfunction. Your vehicle's ABS should be serviced as soon as possible upon completion of your trip.
- Only the ABS in the affected wheel(s) is disabled -that wheel(s) then has normal brakes.