ATC OR STABILITY CONTROL EVENT

Please remember that the ATC and Stability Control system is an aid to you; it is designed to assist you, not to replace you. In the case that one of these events occurs, you are still in control of the vehicle. You may or may not feel the system intervening, but you should not take your hands off the steering wheel. You should continue steering as you normally would do in such situations, and you should continue pushing the accelerator or the brake pedal as you think necessary. The system will recognize those actions and it will adapt to them.

The ATC/Stability Control lamp will come on and stay on during a traction control or stability control event. The lamp will go off when normal driving conditions are resumed.

SAFE VEHICLE OPERATION

Stability Control – or any vehicle control system – is not a reason to take unnecessary risks.

Stability Control helps reduce vehicle instabilities when cornering or sudden changes in direction occur, however, it cannot prevent all instabilities from occurring.

When operating your vehicle, always use safe driving techniques. The driver is always the most important player in safe vehicle operation.

Remember, no safety system can prevent all accidents and there is no replacement for an alert unimpaired driver following safe driving procedures.

OTHER INFORMATION FOR DRIVERS

Stability Enhancement Systems with Integrated ABS, SP-0679
Stability Enhancement Systems DVD, T-0606DVD

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 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 $3.4 billion in 2019 and has almost 14,000 employees in 40 countries. For more information, visit:

WWW.WABCO-NA.COM

For further product details contact your dealer or WABCO Customer Care at +1 855-228-3203.
ROLL STABILITY CONTROL
Roll Stability Control (RSC) is based on the anti-lock braking system (ABS) and is designed to help you manage road conditions that can lead to vehicle rollovers. RSC is integrated into the WABCO ABS that’s installed in this vehicle.

RSC is automatic. It becomes active when the Electronic Control Unit (ECU) senses conditions that could produce an imminent rollover condition – even if you don’t. You will notice a difference in your vehicle when Roll Stability Control is functioning, but you should continue to drive and correct as normal.

ELECTRONIC STABILITY CONTROL
Electronic Stability Control (ESC) combines RSC rollover protection with directional stability to reduce the likelihood of spinout and driftout.

Like RSC, ESC is automatic. It becomes active when the system senses conditions that could produce imminent directional or roll instabilities, often before the driver is aware. You will notice a difference in your vehicle when Electronic Stability Control is functioning, but you should continue to drive as normal and provide any additional needed corrections.

You may again notice a reduction in engine torque and additional deceleration from the retarder, if so equipped. You may also notice brake application on either an individual steer axle or on all brakes, depending on whether the conditions suggest the possibility of a roll or directional control event.

The diagram below compares a lane change maneuver from a dry lane to a slippery lane with and without ESC. Notice that the vehicle with ESC first goes into a roll control event where all brakes are applied to slow the vehicle down in an effort to prevent a potential rollover. The vehicle then goes into a directional control event in an effort to straighten out the vehicle to prevent it from leaving the road as the vehicle without ESC does. ESC greatly reduces the steering effort typically required to correct in an event such as depicted in the diagram.

STABILITY CONTROL INDICATOR LAMP
Stability Control (ESC and RSC), like ABS and Automatic Traction Control (ATC), is automatic. There’s no switch or selection device. An indicator lamp in the dash will let you know which of these will be available when needed.

If both lamps come on at ignition and turn off after approximately three seconds, then your vehicle is equipped with ABS and ATC.

If both lamps come on at ignition and the ATC/ESC/RSC lamp stays on briefly after the ABS lamp goes out, then your vehicle is equipped with ABS, ATC and Stability Control.

NOTE: If the ABS indicator lamp stays on after three seconds, there could be an existing fault in the ABS, ATC or ESC systems. If this happens, drive the vehicle at speeds above 4 mph (6 km/hr) and check for the following:

• If the lamp goes out, the system is OK.
• If the lamp does not go out, there is an existing fault in the system (ABS, ATC or Stability Control). Have the vehicle serviced as soon as possible.