

Anti-Lock Control

Anti-Lock Brake System (ABS) with Traction Control

The ABS consists of the following components:

- Hydraulic Control Unit (HCU)
- ABS module
- Front wheel speed sensors
- Front wheel speed sensor rings
- Rear wheel speed sensors
- Rear wheel speed sensor rings
- Traction control switch

The ABS prevents wheel lock-up by monitoring the wheel speed sensors and actuating the [HCU](#) modulating the brake pressure to prevent wheel lockup. By preventing the wheels from locking up, the driver is able to maintain steering control and stop in the shortest possible distance under most conditions. The traction control system utilizes the same components as the ABS to prevent wheel spin and help maintain vehicle control during acceleration.
