



**HOW IT WORKS:**  
**AUTOMATIC TRACTION CONTROL FOR THE VOLVO FMX**

Volvo Trucks' new Automatic Traction Control activates the all-wheel drive only when needed, which saves fuel and improves driveability. If a rear wheel loses traction on a slippery or soft surface, the system instantly engages drive to the front axle.

**1** If a wheel begins to slip, it is immediately detected by speed sensors on the wheel.



**2** Within half a second, a dog clutch activates the all-wheel drive while the truck is still moving. As a result, the truck can continue driving without losing either torque or speed.



**3** The truck's drive to the front axle remains engaged until the driver eases off the accelerator.