



Eaton IntelliTrac™

Hydraulic Power, Precision Control

IntelliTrac™ is Eaton's new electronically controlled limited slip differential, providing fully variable torque distribution from open to full-lock. Powerful hydraulic actuation and precision electronic controls enable industry leading 100-millisecond response time.

This enhances vehicle stability control by redirecting power to the wheels with traction and maintaining vehicle momentum in advance of brake and throttle interventions from Stability Control.

Seamlessly Elevates Driver Confidence and Comfort



Trailer Stability:

Counters unwanted oversteer in turns, shifting torque to the inside wheel



Snow/Ice Traction:

Proportions torque left-right optimizing traction & stability and reducing ESC interventions that lose momentum



Beach/Dune Sand:

Approaching full lock across axle to eliminate "digging" one tire in soft dry sand

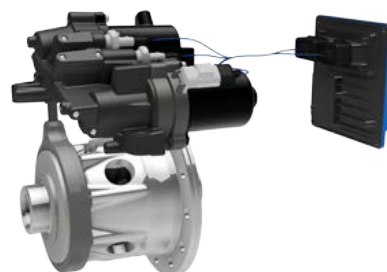


Slippery Inclines:

Capable of full lock across axle like a pure Locker for extreme performance at full load



Powering Business Worldwide



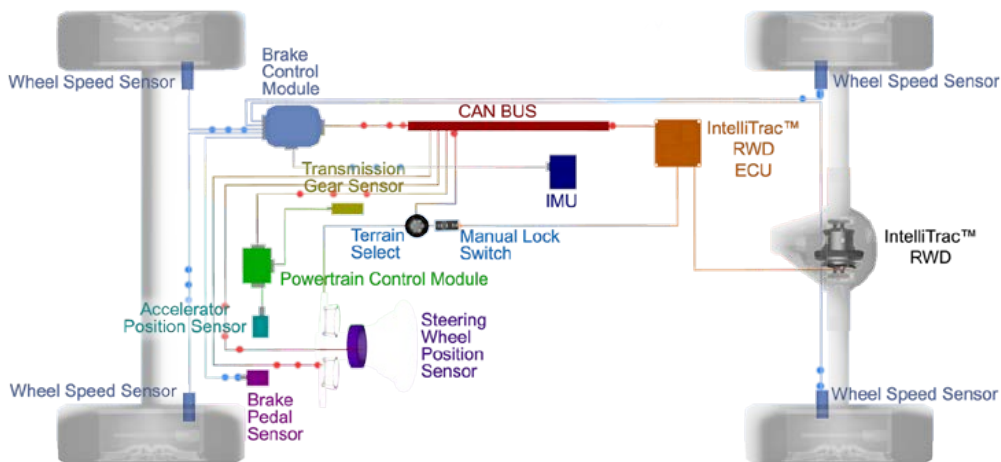
An Active, Infinitely Variable Limited Slip Differential



IntelliTrac™ Specifications

- Fully variable torque distribution: from open to fully locked
- Leverages existing vehicle sensors to monitor driver input and vehicle response
- Works with and enhances the Electronic Stability Control System
- Manages torque distribution to optimize stability at all speeds
- Improves handling dynamics and drivability
- Improves trailer tow stability
- Neutralizes trailer-induced over steer

Seamlessly Integrates into the Electronic Stability Control System



Eaton
26101 Northwestern Highway
Southfield, MI 48076 USA
800-328-3850
Eaton.com
EDSC0200 0717

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