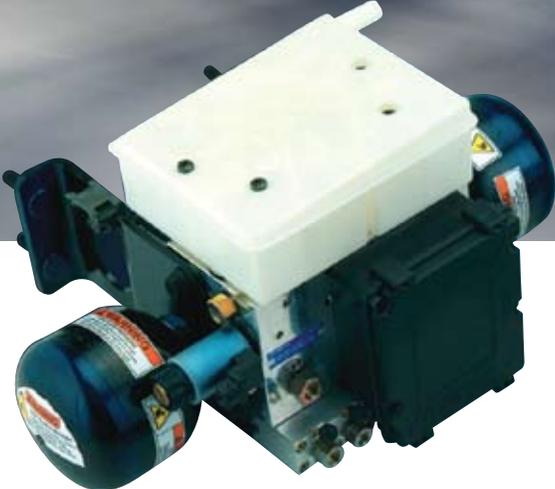


# Hydraulic Braking Systems



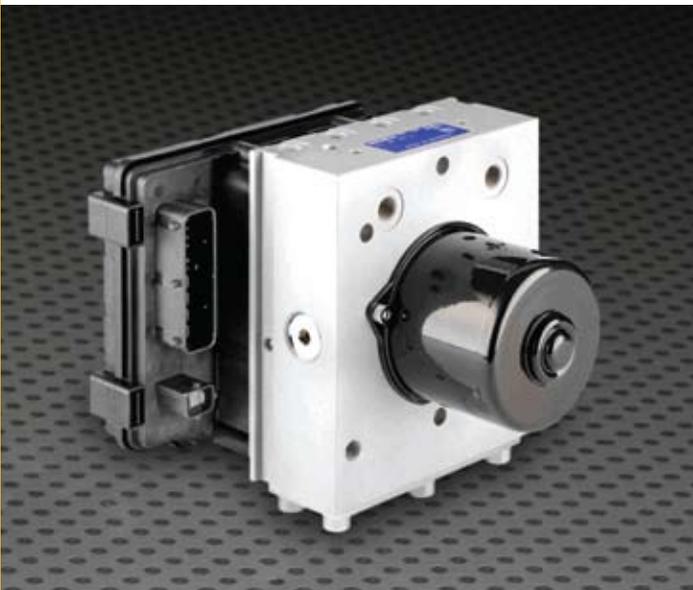
### **Hydraulic braking that really delivers.**

No one knows hydraulic braking like the company who pioneered its development. That's why Meritor WABCO's proven hydraulic braking system gives you the confident stopping power that no one else can deliver.

Meritor WABCO first introduced Hydraulic ABS (HABS) for medium-duty trucks and buses back in 1999. The reaction was overwhelmingly favorable. Since then, we've added RVs, fire/emergency vehicles and a wide range of military vehicles. As the market has grown dramatically, we have continually updated our industry-leading performance with new-generation technology.

In 2004 we introduced the Hydraulic Power Brake (HPB), which provided a quantum leap in medium-duty stopping power that continues to make impressive gains among leading truck OEMs and fleets.

Today, as new federal regulations are put into place that will significantly decrease stopping distances, we are prepared, like no other company, to help our customers meet every challenge. With a new generation of Meritor WABCO hydraulic braking systems and components that provide the high-performance braking solutions our customers need to get the job done.



### **Meritor WABCO Hydraulic ABS. The original.**

Meritor WABCO is the Hydraulic ABS of choice for medium-duty trucks, buses, motor homes and military vehicles. In all kinds of road conditions, Meritor WABCO HABS provides superior control for medium-duty vehicles through electronic wheel speed monitoring and management that help prevent wheel lock and maintain the vehicle's course. Since each wheel is monitored independently, control is maintained even when one surface is dry and the other is wet or frozen.

This next-generation HABS brings heavy-duty integrity to the medium-duty market. It features an integrated modulator valve assembly/Electronic Control Unit (ECU), plus simplified, higher-reliability wiring harness arrangements and new PC-based diagnostic capabilities. For application flexibility, compact designs are available in various configurations.

The four-channel modulator assembly can control each wheel individually for optimum performance. Standard blink code information as well as advanced PC diagnostics are provided to easily perform system functionality verification. The ECU integrates advanced features such as Electronic Brake Force Distribution (EBD) for a more balanced application of braking force, while providing complete compatibility with other Meritor WABCO hydraulic braking system components to comprise the category's only complete system.

### ***Meritor WABCO Hydraulic ABS features:***

- Compact modulator with integrated ECU
- Frame-mounted weathertight design
- Four-channel ABS
- Hardwired ABS warning light
- Blink code via ABS warning light
- CAN SAE J1587 interface
- Internal pump relay
- CAN SAE J1939 interface
- Electronic Brake Force Distribution (EBD)
- Rough-road signal



## **Hydraulic Power Braking. Nothing else even comes close.**

Well beyond the scope of ABS, our advanced Hydraulic Power Braking system provides complete braking system and vehicle control for Class 4-7 vehicles (includes medium-duty trucks and buses, RVs and fire/emergency vehicles) that are equipped with hydraulic brakes.

HPB provides proven “best in class” stopping distance and pedal feel. Unlike conventional hydraulic braking systems, HPB does not require an external source to provide a power assist to achieve a low pedal effort.

HPB also provides braking control functions such as ABS, Automatic Traction Control (ATC), Electronic Brake Force Distribution (EBD) and optional auto-apply electronic parking brake control.

HPB can be customized to the needs of various OEM and fleet applications. Future features can include Electronic Stability Control (ESC), hill holder, four-wheel park and reverse detection.

When combined with the Meritor® Quadraulic™ hydraulic disc brake, unprecedented stopping power results.

### ***Meritor WABCO Hydraulic Power Brake features:***

- Significantly improved pedal feel
- Shorter stopping distances
- Unique electronic parking brake option with automatic application and “drive away” protection
- Standard anti-lock braking system (ABS)
- Automatic Traction Control option (not available on competitive bus systems)
- Standard Electronic Brake Force Distribution (EBD)
- Optional key switch interlock

## **We’ve got your hydraulic braking needs covered.**

Meritor WABCO braking systems and components are fully covered by our complete warranty. And fully supported by our OnTrac online warranty claim system. For complete details, see [meritorwabco.com](http://meritorwabco.com) and download a copy of our current warranty brochure.

## **Innovation that delivers.**

We’ve supplied more ABS to the North American truck and trailer market than any other manufacturer. Our technology leadership continues to be first to market with many important new braking system technologies.

The Meritor WABCO track record of innovation is unrivaled – from ABS to Stability Enhancement to Collision Safety Systems...and beyond.

Even more important, we’re known for being a reliable business partner delivering a competitive advantage for our customers...day in and day out. And we’re ready to deliver for you.

**Meritor WABCO  
Pyramid of Safety**

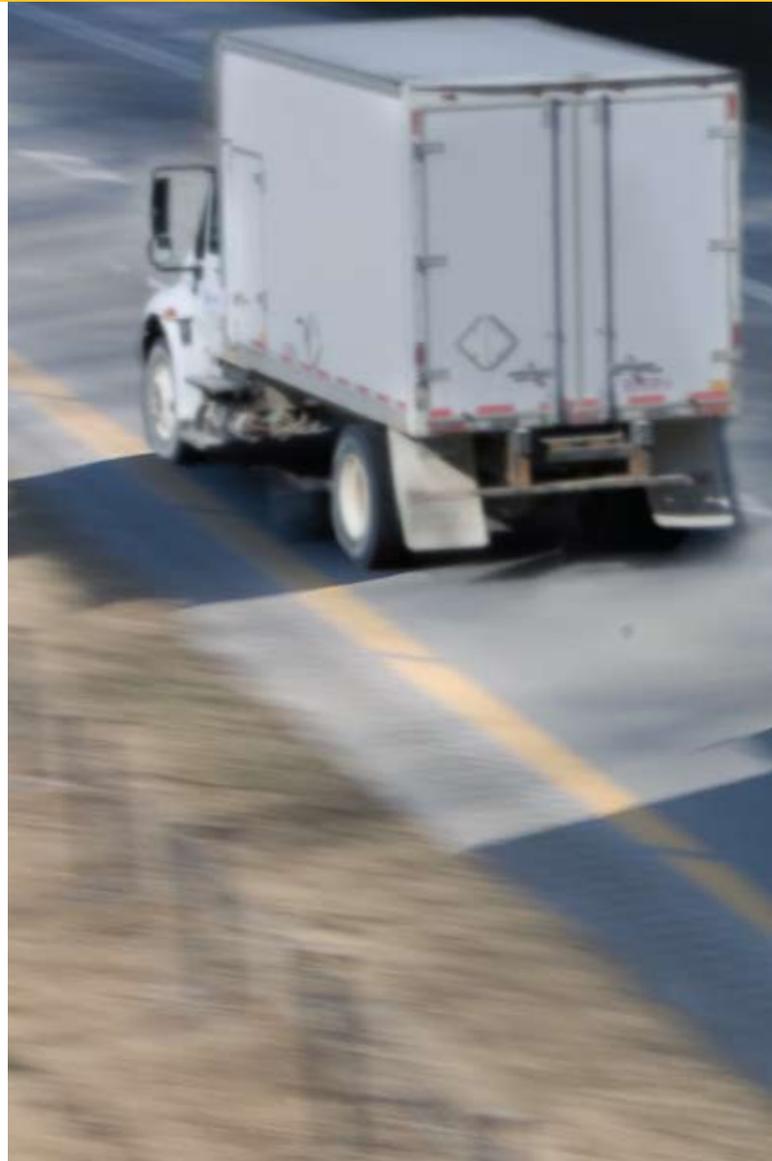


## **People that deliver.**

Outstanding performance isn’t limited to just our products. It also comes from our people. All Meritor WABCO commercial vehicle products are backed by comprehensive world-class service and support – provided throughout North America by our industry-leading customer service team.

For more information, call our customer service team at 800-535-5560 or visit [meritorwabco.com](http://meritorwabco.com).

# MERITOR WABCO



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