



ABS MADE EASY!



AQ960503 - Kit Contents:

- 6-Port ABS Relay Valve with ECU
- 6.0 Meter Power Cord Extension (1)
- 3.0 Meter Sensor Extensions (2)
- E-Odometer Ready
- Installation Instructions (L31203)
- PLC Select Manual (L30041)

Note: Trailers built before 1998 may require Adapter Receptacle Kit Part Number "AQ15473"

Replaces/Upgrades: Meritor/WABCO, Bendix®, Wabash, Bosch, Midland, and Haldex Systems

PLC Select ABS Universal 2S/1M Trailer Replacement Kits

Part Number "AQ960503" Kit
Multiple Axle Application with 3.0 Meter Sensor Extensions (Replaces most WABCO installations)

Part Number "AQ960505" Kit
Single Axle Application with 2.5 Meter Sensors & Clips (Dolly installations)

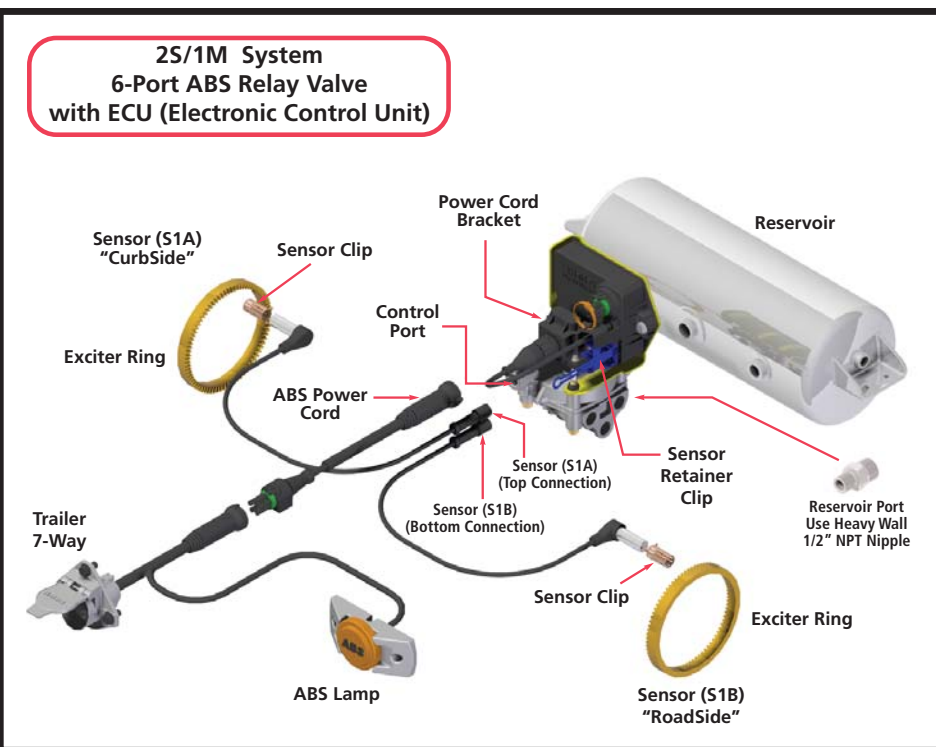
Part Number "AQ960510" Kit
Multiple Axle Application with 2.0 Meter Sensor Extensions (Replaces Bendix® 802997 Kit)

Part Number "AQ960514" (MBS-Premium) Kit
Multiple Axle Application with 2.5 Meter Sensors & Clips and Premium Installation Hardware (Replaces Wabash National MBS1 / MBS1-P / MBS2 ABS Systems)
Note: MBS2 Systems require separate Exciter Wheel End Upgrade Kit: "AQ15457" or "AQ15458"

Part Number "AQ960515" (MBS-Lite) Kit
Multiple Axle Application with 2.5 Meter Sensors & Clips (Replaces Wabash National MBS1 / MBS1-P / MBS2 ABS Systems)
Note: MBS2 Systems require separate Exciter Wheel End Upgrade Kit: "AQ15457" or "AQ15458"

Installs in "5" easy steps!

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| <h3>Step 1</h3> | | <p>Install the new Haldex 6-Port ABS Relay Valve with ECU assembly.</p> |
| <h3>Step 2</h3> | | <p>Reconnect Service Brake Lines to 6-Port Relay Valve. Plug extra ports.</p> |
| <h3>Step 3</h3> | | <p>Reconnect the control line (Service) to the control port.</p> |
| <h3>Step 4</h3> | | <p>Connect sensors. "CurbSide" on top, "RoadSide" on bottom of ECU connections.</p> |
| <h3>Step 5</h3> | | <p>Install ABS power cord into the ECU. Secure with attached tie strap. Insert blue sensor retainer clip.</p> |



INSTALLING THE NEW HALDEX ABS SYSTEM

CAUTION: Always follow your company's safety procedure when working on a vehicle. Disconnect electrical power and remove air pressure from the trailer, and drain the reservoir tank. Remove the old system. Inspect all fittings, hoses, and air lines prior to installing the new ABS system; repair or replace as necessary.

Note: Haldex highly recommends a light application of "dielectric grease" to all electrical connections during assembly.

1. Install the new Haldex 6-Port ABS Relay Valve with ECU PLC Select assembly on the air tank utilizing a "Heavy Wall" plated nipple in reservoir. Kit "AQ960514" & "AQ960515" can be frame mounted using the pre-installed "Special" mounting bracket.
2. Reconnect the air delivery hoses to the delivery ports. Plug unused delivery ports.
3. Reconnect the control line to the control port on the front of the new valve.
4. Connect the "CurbSide" sensor or sensor extension if used to the "Upper Sensor Terminal" marked (S1A) on the ECU.
5. Connect the "RoadSide" sensor or sensor extension if used to the "Lower Sensor Terminal" marked (S1B) on the ECU.
6. Install "Blue Sensor Retainer Clip" to both sensors or extension cables.
7. Install the new ABS power cord into the ECU. Secure power cord to power cord bracket with the attached tie strap. Other power cord lengths are available if required.

"See ABS Catalog L20243 for additional information on Haldex ABS Products."



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L60055 US Rev. 12/12 2.5M WAT