

Anti-Lock Braking System (ABS)

Aftermarket Kit Product Offering

A white tanker truck is driving away from the viewer on a snowy road. To the left of the road is a large, curved concrete pipe. The background is a snowy landscape with trees.

Haldex

2S/1M Multiple Axle Application/ Primarily New Trailer



AQ960208

2S/1M
FFABS Valve Kit

Valve Specifications

- 4-Port FFABS Spring Brake Priority
- Dual Nipple 1/2" and 3/4"
- 12 Volt
- 3/8" Ports

Kit Contents

- Valve/ECU Assemblies
- 20M Power Cord With 12M ABS Lamp Lead
- Two - 2.5M Full Sensors (90°), Clips and Retaining Sleeve



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AQ960802

2S/1M
FFABS Valve Kit

Valve Specifications

- 4-Port FFABS Spring Brake Priority
- Dual Nipple 1/2" and 3/4"
- 12 Volt
- 3/8" Ports

Kit Contents

- Valve/ECU Assemblies
- 20M Power Cord With 12M ABS Lamp Lead
- 2.5M Sensor Extension
- Clips
- ABS Light Kit



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AQ961402

2S/1M
FFABS Valve Kit

Valve Specifications

- 4-Port FFABS Spring Brake Priority
- Dual Nipple 1/2" and 3/4"
- 12 Volt
- 3/8" Ports

Kit Contents

- Valve/ECU Assemblies
- 2.5M Sensor Extension
- Clips



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AQ961404

2S/1M
FFABS Valve Kit

Valve Specifications

- 4-Port FFABS Spring Brake Priority
- Dual Nipple 1/2" and 3/4"
- 12 Volt
- 3/8" Ports

Kit Contents

- Valve/ECU Assemblies
- 6.0M Power Cord Extension
- 2.5M Sensor Extension
- Clips



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AQ961405

2S/1M
FFABS Valve Kit

Valve Specifications

- 4-Port FFABS Service Brake Priority
- Dual Nipple 1/2" and 3/4"
- 12 Volt
- 3/8" Ports

Kit Contents

- Valve/ECU Assemblies
- 5.0M Power Cable
- Two - 2.0M Sensor Extensions
- ABS Light Kit



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AQ961406

2S/1M
FFABS Valve Kit

Valve Specifications

- 4-Port FFABS Service Brake Priority
- Dual Nipple 1/2" and 3/4"
- 12 Volt
- 3/8" Ports

Kit Contents

- Valve/ECU Assemblies
- 5.0M Power Cable
- Two - 2.5M Full Sensors (90°), Clips and Retaining Sleeve
- ABS Light Kit



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2S/1M Multiple Axle Application/ Primarily Competitive Retrofit



AQ960503

(WABCO)

2S/1M ABS
Relay Valve Kit

Valve Specifications

- 6-Port
- 1/2" Reservoir Port
- 12 Volt
- 3/8" Control Port
- 3/8" Delivery Port
- Requires Separate Spring Brake Control Valve*

Kit Contents

- Valve/ECU Assemblies
- 6.0M Power Cord Extension
- 3.0M Sensor Extension



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AQ960510

(Bendix®)

2S/1M ABS
Relay Valve Kit

Valve Specifications

- 6-Port
- 1/2" Reservoir Port
- 12 Volt
- 3/8" Control Port
- 3/8" Delivery Port
- Requires Separate Spring Brake Control Valve*

Kit Contents

- Valve/ECU Assemblies
- 6.0M Power Cord Extension
- 2.0M Sensor Extension



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AQ960514

(MBS WNC-MAX**)

2S/1M ABS
Relay Valve Kit

Valve Specifications

- 4-Port
- 1/2" Reservoir Port
- 12 Volt
- 3/8" Control Port
- 3/8" Delivery Port
- Special Mounting Bracket
- Requires Separate Spring Brake Control Valve*

Kit Contents

- Valve/ECU Assemblies
- 6.0M Power Cord Extension
- 2.5M Full (90°) Sensors, Clips and Retaining Sleeve
- Miscellaneous Hardware Required for Installation



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AQ960515

(MBS WNC-LITE**)

2S/1M ABS
Relay Valve Kit

Valve Specifications

- 6-Port
- 1/2" Reservoir Port
- 12 Volt
- 3/8" Control Port
- 3/8" Delivery Port
- Special Mounting Bracket
- Requires Separate Spring Brake Control Valve*

Kit Contents

- Valve/ECU Assemblies
- 6.0M Power Cord Extension
- 2.5M Full (90°) Sensors, Clips and Retaining Sleeve
- Miscellaneous Hardware Required for Installation



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2S/1M Single Axle or Dolly Application/ Primarily New Trailer



AQ960505

2S/1M ABS
Relay Valve Kit

Valve Specifications

- 2-Port
- 1/2" Reservoir Port
- 12 Volt
- 3/8" Control Port
- 3/8" Delivery Port

Kit Contents

- Valve/ECU Assemblies
- 6.0M Power Cord Extension
- 2.5M Full (90°) Sensors, Clips and Retaining Sleeve
- Miscellaneous Hardware Required for Installation



DOLLY



SINGLE AXLE

* Spring Brake Control Valve Such as Haldex N34031A/KN26120

** MBS2 Trailers require additional kit AQ15457 or AQ15458 to upgrade Wabash in-axle sensor design to conventional sensor and exciter design

2S/1M Upgrade Kits – Dolly, Single, Tandem, Tri-Axle



AQ960502

2S/1M ECU
Upgrade Kit, A8

ECU Design

- PLC Select

Kit Contents

- PLC Select ECU and Bracket
- 2.0M Power Cord Extension
- 3.0M Sensor Extension
- Power Cord End Kit



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SINGLE AXLE



AQ964110

2S/1M ECU
Upgrade Kit, A7

ECU Design

- PLC Select

Kit Contents

- PLC Select ECU and Bracket
- 1.0M Power Cord Extension
- 0.5M Sensor Extension



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TRI-AXLE



AQ964111

4S/2M ECU
Upgrade Kit

ECU Design

- 2M PLC Select

Kit Contents

- PLC Select 2M ECU and Bracket
- 2.0M Power Cord Extension
- 1.0M Sensor Extension
- Power Cord End Kit
- Valve Relay Cable



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TRI-AXLE



AQ961110

Universal ABS
Service Kit

Kit Contents

- Loom Assembly
- Power Cord Terminal Kit
- 2.0M 90° Sensor Body with Clip
- 0.5M 90° Sensor Body with Clip
- 0.5M Straight Sensor Body with Clip
- ABS Light Kit
- 2.0M Sensor Cable Lead Extension
- Retainer
- Retaining Clip 3/8" to 1/2" hose

Related ABS Parts and Kits



KN26120

Trailer Brake
Control Valve

- Spring Brake Priority



AQ15855

PLC ABS Infocenter
and Cable Kit

Kit Contents

- Plug 2-Pin Connector into Trailer Power Cord Adapter at Nose Box
- Workshop tool only – not to be vehicle mounted



AQ40525

Trailer ABS
Solenoid Kit

Kit Contents

- Mounting Hardware
- Check Ball
- DIN Solenoid
- Adapter Cable
- 12 Volt 24MM Electrical Connector



AL364431

Info Center 2
for ITCM

- Can be mounted on Trailer
- Dual Nipple 1/2" and 3/4"
- Use CAN cable to ITCM

4S/2M ITCM Multiple Axle Application/ New Trailer and Retrofit



AQ965001

4S/2M ITCM
FFABS Valve Kit, A7

Valve Specifications

- 4-Port FFABS Spring Brake Priority
- 6-Port ABS Relay

Kit Contents

- Valve/ECU Assemblies
- 6.0M Power Cord Extension
- 2.0M Relay Valve Cable
- 1.5M and 2.5M Sensor Extensions
- Second 6-Port ABS Relay Valve
- Quick Release Valve
- Hose Clips, Cable Grips



TRI-AXLE



AQ965002

4S/2M ITCM
Relay Valve Kit, A7

Valve Specifications

- 2-Port ABS Relay Reservoir Mount

Kit Contents

- Valve/ECU Assemblies
- 6.0M Power Cord Extension
- 2.0M Relay Valve Cable
- 1.5M and 2.5M Sensor Extensions
- Second 2-Port ABS Relay Valve
- Hose Clips, Cable Grips



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AQ965003

4S/2M ITCM
Relay Valve Kit, A7

Valve Specifications

- 6-Port ABS Relay Reservoir Mount

Kit Contents

- Valve/ECU Assemblies
- 6.0M Power Cord Extension
- 2.0M Relay Valve Cable
- 2.0M and 3.0M Sensor Extensions
- Second 6-Port ABS Relay Valve
- Hose Clips, Cable Grips



TRI-AXLE



AQ965004

4S/2M ITCM
FFABS Valve Kit, A7

Valve Specifications

- 2-Port FFABS Spring Brake Priority
- 2-Port ABS Relay

Kit Contents

- Valve/ECU Assemblies
- 6.0M Power Cord Extension
- 2.0M Relay Valve Cable
- 1.5M and 2.5M Sensor Extensions
- Second 2-Port ABS Relay Valve
- Hose Clips, Cable Grips



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AQ965005

4S/2M ITCM
FFABS Valve Kit, A7

Valve Specifications

- 4-Port FFABS Service Brake Priority
- 6-Port ABS Relay

Kit Contents

- Valve/ECU Assemblies
- 6.0M Power Cord Extension
- 2.0M Relay Valve Cable
- 1.5M and 2.5M Sensor Extensions
- Second 6-Port ABS Relay Valve
- Quick Release Valve
- Hose Clips, Cable Grips



TRI-AXLE



AQ965006

4S/2M ITCM
FFABS Valve Kit, A7

Valve Specifications

- 2-Port FFABS Service Brake Priority
- 2-Port ABS Relay

Kit Contents

- Valve/ECU Assemblies
- 6.0M Power Cord Extension
- 2.0M Relay Valve Cable
- 1.5M and 2.5M Sensor Extensions
- Second 2-Port ABS Relay Valve
- Hose Clips, Cable Grips



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Haldex ABS products optimize trailer function, safety and performance.

Haldex offers a full line of Anti-Lock Braking Systems (ABS) products including:

- Haldex exclusive Full Function ABS Valve (FFABS)
- ABS Relay Valve
- PLC Select® technology
- Select Low/High (SLH) protocol
- Intelligent Trailer Control Module (ITCM) including Controller Area Network (CAN) bus



Whether you need a 2S/1M single channel or 4S/2M multi-channel, the Haldex ABS product offering has the right system for any trailer configuration.

To learn more about the Anti-Lock Brake System (ABS) Products, contact your Haldex Sales Professional.



haldex.com



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For additional contact information or to learn more about Haldex, please visit haldex.com

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