



# KNORR & BRAKE COMPONENTS

CATALOGUE

CURRENT AS OF FEBRUARY 2024





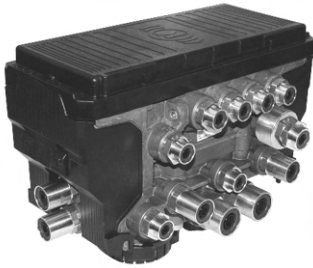


# TABLE OF CONTENTS

<b>1</b>	EBS Brake Modules / Sensors
<b>2</b>	EBS Main Cables
<b>3</b>	ABS Brake Modules / Sensors
<b>4</b>	ABS Main Cables & Harness / Trailer Road Train Module
<b>5</b>	Plugs, Sockets & Suzi Coils
<b>6</b>	Suzi Coils / Couplings
<b>7</b>	Ilvi Electronic Intelligent Leveling Control System Air Suspension Only
<b>8</b>	Ilvi Electronic Intelligent Leveling Control System Air Suspension Only
<b>9</b>	Ilvi Electronic Intelligent Leveling Control System
<b>10</b>	MLSF Mechanical Load Sensing Function
<b>11</b>	MLSF Mechanical Load Sensing Function
<b>12</b>	MLSF Mechanical Load Sensing Function / Pneumatic Ride Height Valves
<b>13</b>	Park Shunt & Yard Release Valves / Ratio Valve
<b>14</b>	Spring Break Control Valve / Line Filters / Charging Vavles
<b>15</b>	Relay Valves

BRAKE SYSTEMS

# EBS BRAKE MODULES



### TEBS G2.1 BRAKE MODULE

<b>CODE</b>	179993
<b>DETAILS</b>	Same as G2.0 but now has an aluminium block fitted with Anti Compounding.



### TEBS G2.2 BRAKE MODULE

<b>CODE</b>	189022
<b>DETAILS</b>	No ports out the side. All ports now out the front of the ECU.



### THIRD MODULE

<b>CODE</b>	189023
<b>DETAILS</b>	No ports out the side. All ports now out the front of the ECU.

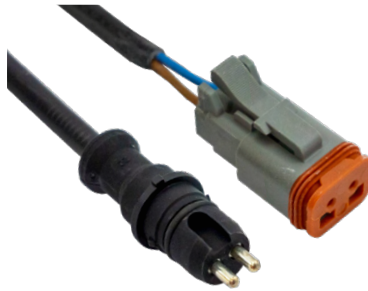
BRAKE SYSTEMS

# EBS SENSORS



### TIM MODULE SENSOR EXTENSIONS

<b>CODE</b>	170571
<b>DETAILS</b>	A TIM module can be fitted to an G2.X system and is commonly fitted to MTE Trailers. This module is connected to the diagnostic port.



### WHEEL SPEED SENSOR EXTENSIONS

(Example photo, all look similar).

CODE	DETAILS
170572	3m
300258	4m
179995	6m



### WHEEL SPEED SENSOR EXTENSIONS

(Example photo, all look similar).

CODE	DETAILS
170222	3m
170226	10m, to go to front ABS sensors.



BRAKE SYSTEMS

# EBS MAIN CABLES



### STOP LIGHT BACKUP CABLE

CODE	189020
DETAILS	G2.2 twin core stop light backup for diagnostic harness.



### MAIN POWER CABLE

CODE	189024
DETAILS	Power Cable open end 15mtrs.



### SPLITTER CABLE

CODE	179925
DETAILS	G2.0, G2.1 Diagonistic splitter cable.



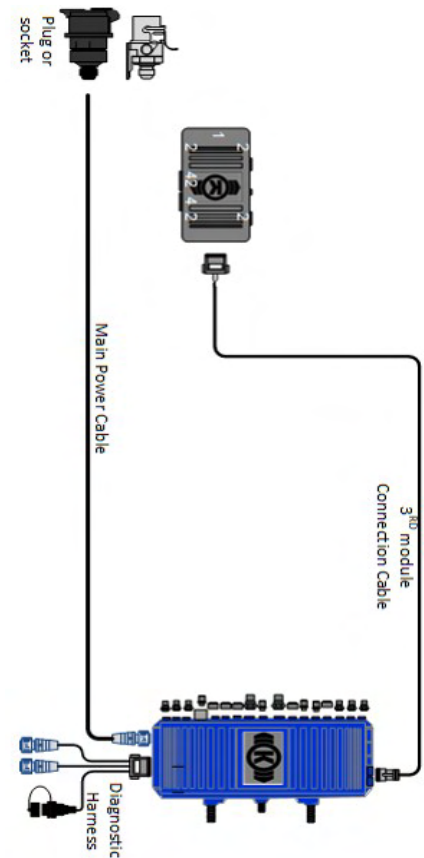
### THIRD MODULE CONNECTION CABLE

CODE	DETAILS
170595	Connection cable, 10m, pins to be inserted into diagnostic harness.
173638	12m Connection Cable.



### DIAGNOSTIC CABLE

CODE	DETAILS
189019	G2.2 ILVL & D iagnostic cable.
179003	G2.2 Diagnostics harness w/ stop light backup.



BRAKE SYSTEMS

# ABS BRAKE MODULES



**KB4TA ABS BRAKE MODULE**

<b>CODE</b>	170412
<b>DETAILS</b>	Used in spring suspended trailers.



**THIRD MODULE**

<b>CODE</b>	<b>DETAILS</b>
170596	3rd Modulator

BRAKE SYSTEMS

# ABS SENSORS



**SPECIFICATIONS** (in order from left to right, as above).

<b>CODE</b>	050395	50506	61790
<b>DETAILS</b>	Alion 90° ABS Sensor.	Wabco 90° ABS Sensor, 1m Tall.	Alion Straight ABS Sensor.



BRAKE SYSTEMS

# ABS MAIN CABLES & HARNESS



**MAIN POWER CABLE**

CODE	DETAILS
170428	17.5m



**DIAGNOSTIC HARNESS**

CODE	DETAILS
170594	For KB4TA



**ABS TRAILER INVERTER**

CODE	DETAILS
170570	12-24V with bayonet plugs.

BRAKE SYSTEMS

# TRAILER ROAD TRAIN MODULE



**PNEUMATIC PRESSURE TRANSDUCER**

CODE	DETAILS
170592	Pressure Transducer



**PRESSURE TRANSDUCER HARNESS**

CODE	DETAILS
170593	Transducer Harness



**TRM UNIT & DUST CAP**

CODE	DETAILS
179900	Dust Cap for TRM
170590	B-Train Unit



**FEMALE TO FEMALE**

CODE	DETAILS
179907	0.5m Power Cable
170591	8m TRM Power Cable



**FEMALE TO MALE**

CODE	DETAILS
179902	10m TRM Power harness



**FEMALE TO OPEN END CABLE**

CODE	DETAILS
189024	15m G2 Power Cable



**EBS SOCKET TO FEMALE BAYONET**

CODE	DETAILS
170881	4m TRM power cable

BRAKE SYSTEMS

# PLUGS, SOCKETS & SUZI COILS



**SPECIFICATIONS** (in order from left to right, as above).

CODE	170255	434124	170254	170022
DETAILS	24V Crimp Type Terminals.	24V Screw Type Terminals.	12V Crimp Type Terminals.	12V Crimp Type Terminals.



**NARVA 12/24V  
7 PIN EBS PLUG**

CODE	170046
DETAILS	EBS Plug, Multi-Volt, Screw Type.



**NARVA 24V ABS/EBS  
7 PIN FEMALE SOCKET**

CODE	170047
DETAILS	EBS Socket, Multi-Volt, Screw Type.



**EBS DIAGNOSTIC TESTER**

CODE	170256
DETAILS	Multi-Volt, EBS Diagnostic tester.



**MULTIVOLT EBS PLUG**  
(in order from left to right, as above).

CODE	170239	170224
DETAILS	Crimp Type Terminals.	Screw Type Terminals.



**MULTIVOLT  
EBS ABS SUZI COIL**

CODE	DETAILS
170044	4.5m
170224	5.2m





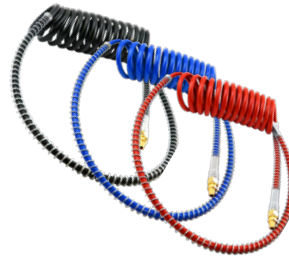
**RED & BLUE SUZI COIL SET**

<b>CODE</b>	180190
<b>DETAILS</b>	4m Long with Short Tail.



**RED & BLUE SUZI COIL SET**

<b>CODE</b>	180140
<b>DETAILS</b>	5m Long with Short Tail. Commonly used on house trailers.



**SUZI COIL TRIO LONG TAIL SET**

<b>CODE</b>	180170
<b>DETAILS</b>	Red, blue and black Suzi Coil Set with long tails.



**YELLOW SUZI COIL**

<b>CODE</b>	180134
<b>DETAILS</b>	4m Long.
<b>CODE</b>	180607
<b>DETAILS</b>	5m Long.

**BRAKE PARTS**  
**COUPLINGS**



**DUOMATIC TRUCK BODY FEMALE**

CODE	DETAILS
170031	Wabco

When used on the front of a semi trailer internal valves must be removed or drilled.

Wabco P/N:  
452/802/00/0



**DUOMATIC TRAILER TAIL MALE**

CODE	DETAILS
170026	Wabco

Duomatic Trailer 1/4 NPT.

Wabco P/N:  
452/804/001/0

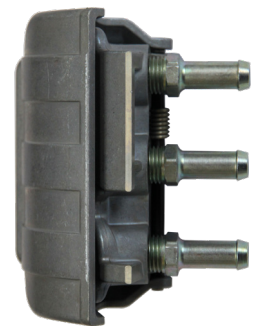


**TRIOMATIC TRUCK BODY FEMALE**

CODE	DETAILS
170041	Wabco

When used on the front of a semi trailer internal valves must be removed or drilled.

Wabco P/N:  
452/806/000/0



**TRIOMATIC TRUCK BODY MALE**

CODE	DETAILS
170036	Wabco

Triomatic Trailer 1/2.

Wabco P/N:  
452/808/002/0

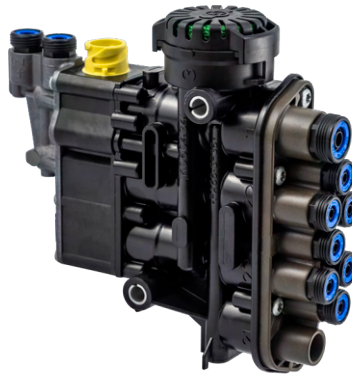
BRAKE SYSTEMS

# ILVL ELECTRONIC INTELLIGENT LEVELING CONTROL SYSTEM AIR SUSPENSION ONLY



**ILVL PNEUMATIC PUSH BUTTONS**

CODE	DETAILS
170583	Manual Backup



**ILVL VALVE**

CODE	DETAILS
170581	Pneumatic Backup.



**G2.2 ELECTRONIC SENSOR LINKAGE KIT**

CODE	DETAILS
170582	120-240mm, Comes with Rubber Link.



**G2.2 ILVL RIDE HEIGHT SENSOR**

CODE	DETAILS
732525	Similar to sensor used for MLSF. Is it on Air Suspension? <b>Yes</b> correct sensor. <b>No</b> go to MLSF page.



**HEIGHT CONTROL LINK ARM KIT**

CODE	DETAILS
730511	



**REDUCING PUSH LOCK TEE**  
(Example photo, all look similar).

CODE	DETAILS
189981	8mm
189982	12mm
189983	Medium T-Unit





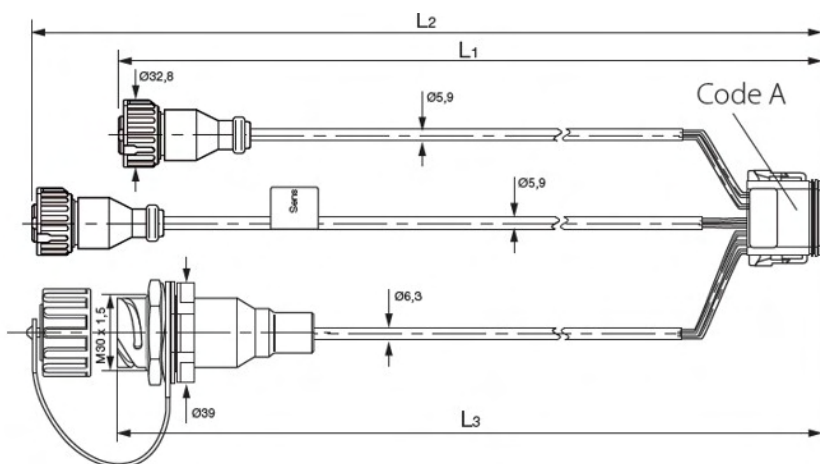
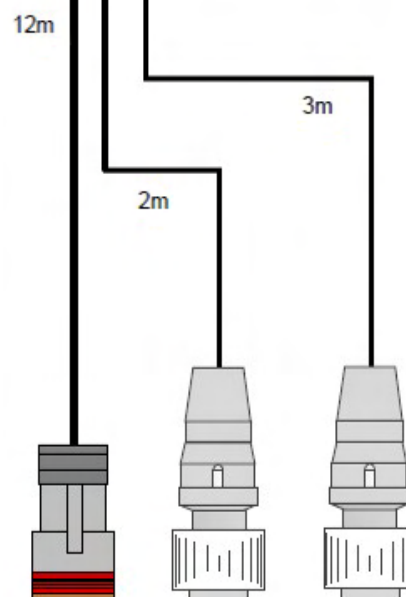
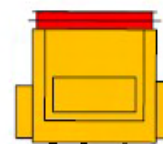
**P BOOT KIT**

CODE	DETAILS
170588	Knorr



**3RD MODULE CONNECTION CABLE**

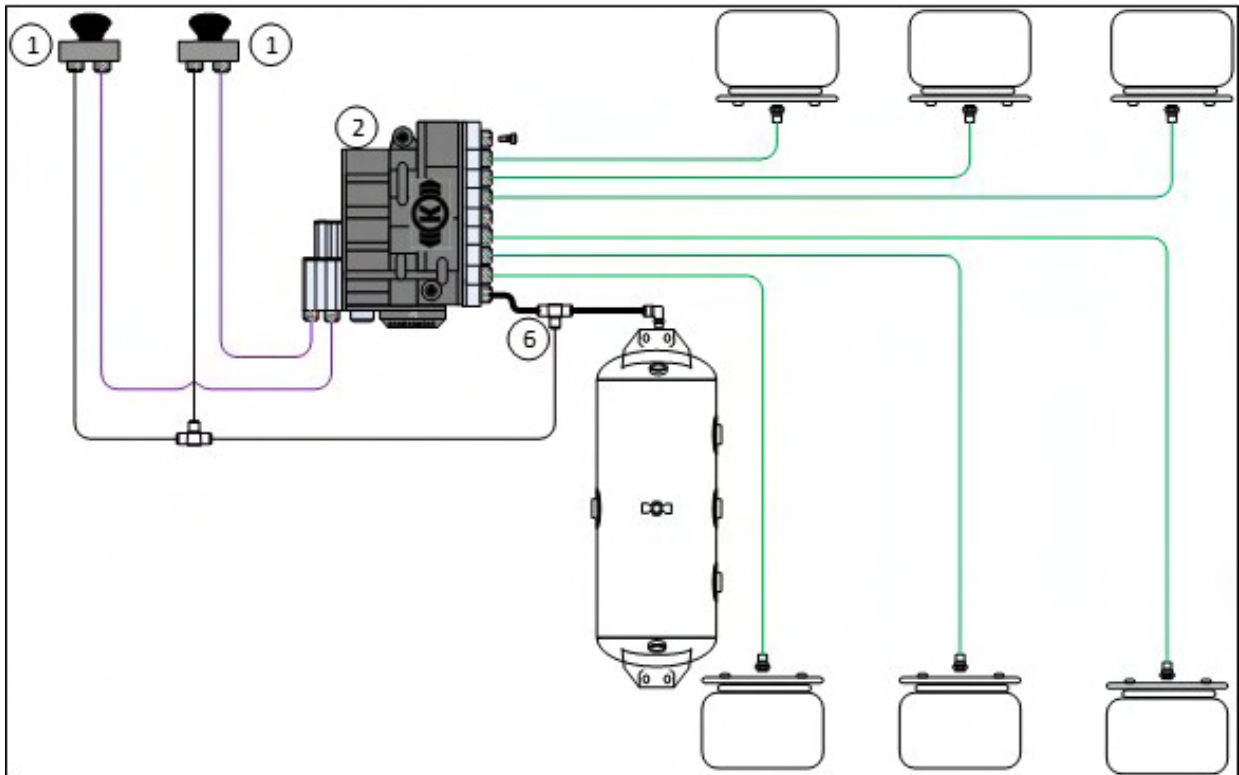
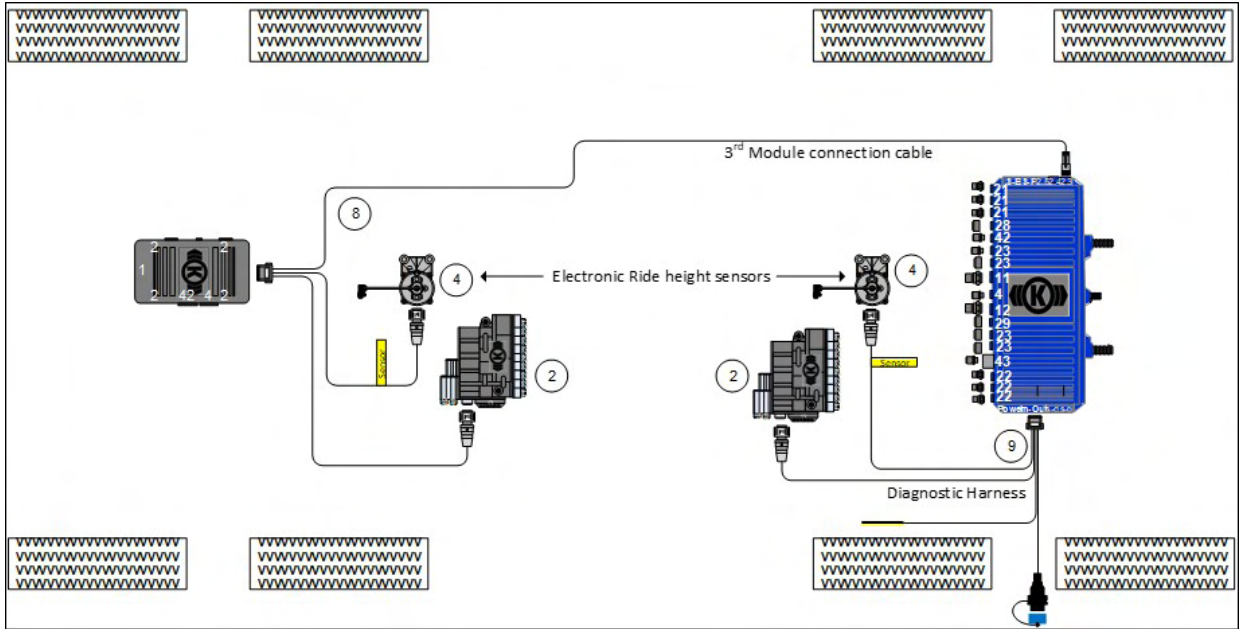
CODE	DETAILS
170337	12m with iLvl Harness.



**DIAGNOSTICS HARNESS WITH ILVL**

CODE	DETAILS
189019	If stop back up cable is required use #189019 and #189020 cable.

# ILVL ELECTRONIC INTELLIGENT LEVELING CONTROL SYSTEM



# MLSF MECHANICAL LOAD SENSING FUNCTION



**ELECTRONIC SPRING DEFLECTION SENSOR**

CODE	DETAILS
170883	TEBS G2



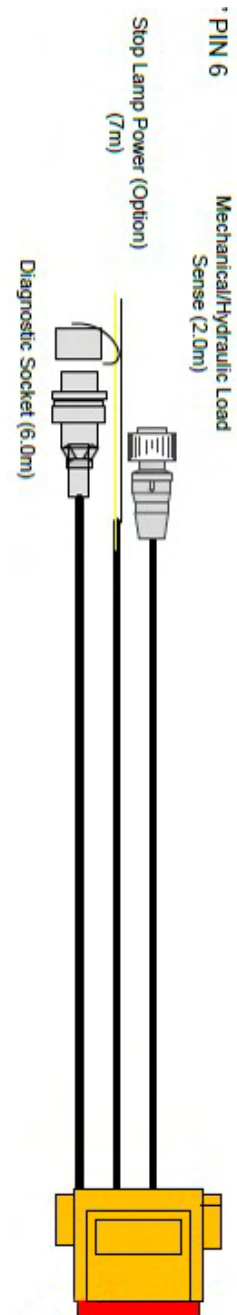
**HEIGHT CONTROL LINK ARM KIT**

CODE	DETAILS
730511	350mm



**LINKAGE ROD**

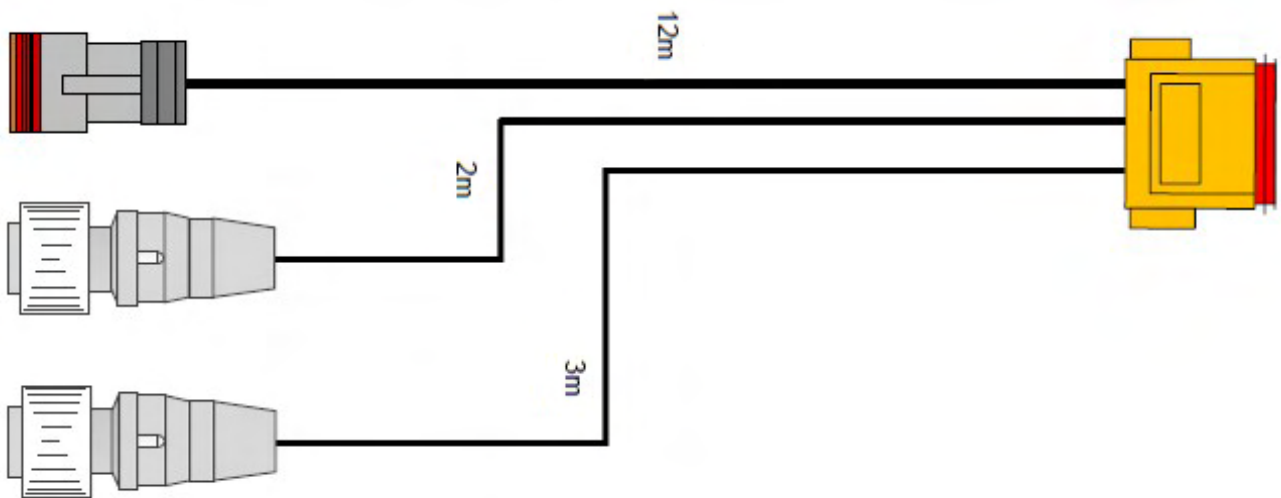
CODE	DETAILS
170589	6mm



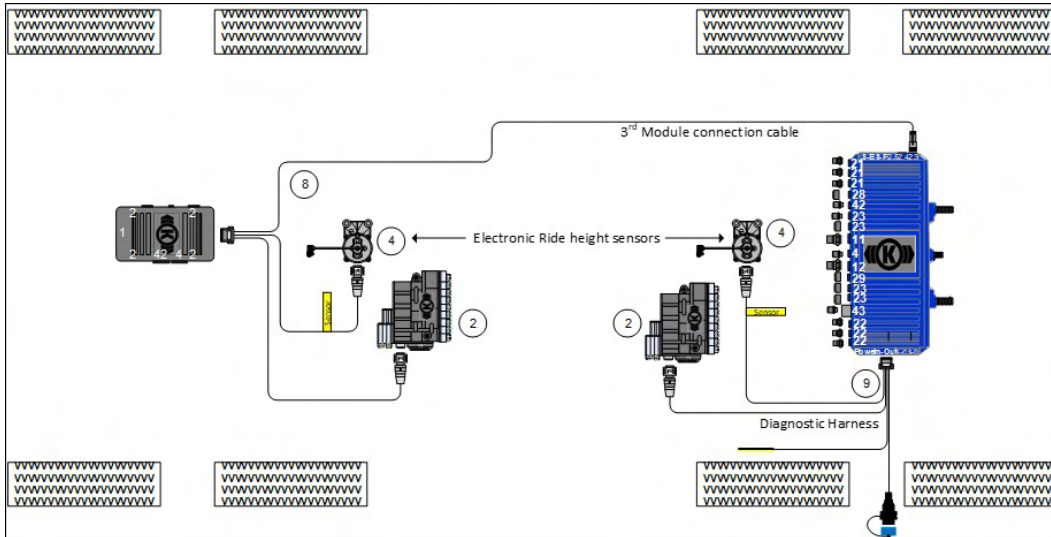


### MLSF KIT

CODE	DETAILS
170587	For rear of trailers.

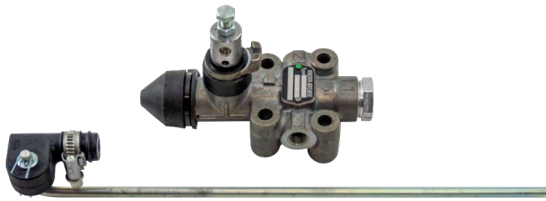






## BRAKE PARTS

# PNEUMATIC RIDE HEIGHT VALVES



**PNEUMATIC RIDE HEIGHT VALVE**

CODE	DETAILS
730510	Linkage kit #730511.



**PNEUMATIC RIDE HEIGHT VALVE**

CODE	DETAILS
730421	Linkage kit #011418. With air suspension dump.



**PACIFIC PNEUMATIC RIDE HEIGHT VALVE**

CODE	DETAILS
730406	Linkage kit #730407. With air suspension dump.

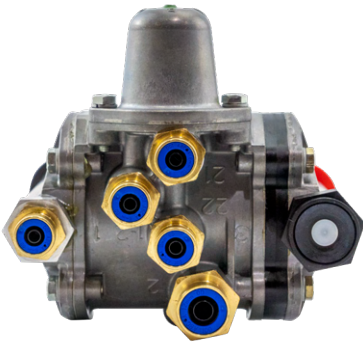


**LEVER CONTROL VALVE**

CODE	DETAILS
170086	Linkage kit #011418. With air suspension dump.

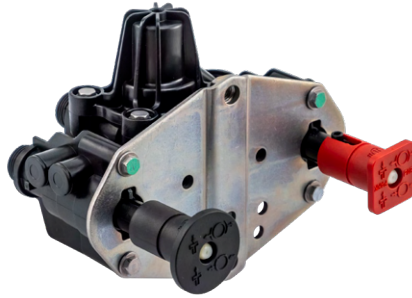
BRAKE SYSTEMS

**PARK SHUNT & YARD RELEASE VALVES**



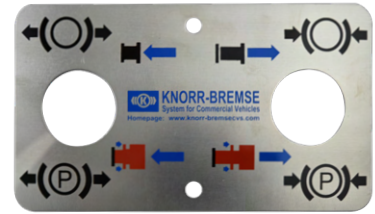
**KNORR BREMSE  
PARK SHUNT VALVE**

CODE	DETAILS
170429	Only used on KB4TA or G2.0 EBS.



**KNORR BREMSE  
PARK SHUNT VALVE**

CODE	DETAILS
25700	Used on G2.1 and G2.2 systems only.



**KNORR BREMSE  
PARK SHUNT FACE PLATE**

CODE	DETAILS
170436	Suits #025700 and #170429.

BRAKE PARTS

**RATIO VALVE**



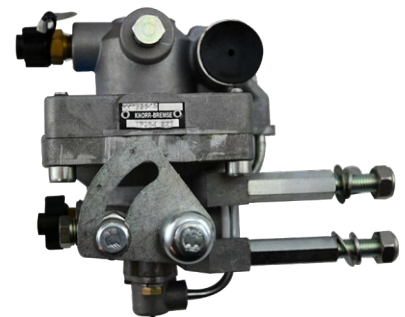
**BENDIX PP-1  
YARD RELEASE VALVE**

CODE	DETAILS
170385	Can use #170388 in place of #170385.



**ABC PP-1  
YARD RELEASE VALVE**

CODE	DETAILS
170388	Can use #170385 in place of #170388.



**KNORR BREMSE RATIO VALVE**

CODE	DETAILS
171102	Used on trailer with KB4TA or conventional brake systems.
171105	Ratio Setting Kit

BRAKE SYSTEMS

**SPRING BRAKE CONTROL VALVE**



**SR-5 SPRING BRAKE CONTROL VALVE**

CODE	DETAILS
170135	Bendix

If there is a hole in the web this valve is an SR-5 and not an SR-2.  
 If hole in web is not there check for number on the valve to confirm if you need an SR-5 or an SR-2 valve.

**SR-5 SPRING BRAKE CONTROL VALVE**

CODE	DETAILS
170580	Pacific

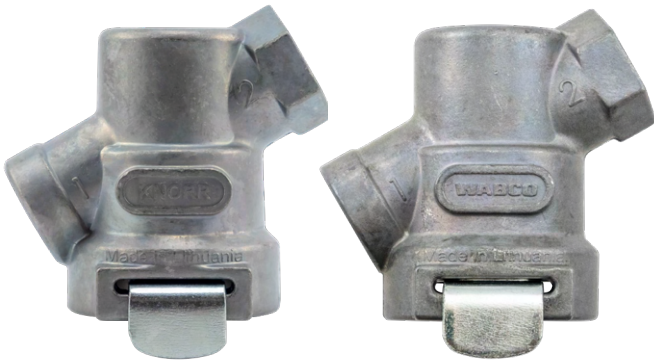
If there is a hole in the web this valve is an SR-5 and not an SR-2.  
 If hole in web is not there check for number on the valve to confirm if you need an SR-5 or an SR-2 valve.

**SPRING BRAKE CONTROL VALVE**

CODE	DETAILS
170066	Sealco

BRAKE SYSTEMS

**LINE FILTERS**



**LINE FILTERS**

CODE	189021	170079
DETAILS	Knorr	Wabco

BRAKE SYSTEMS

**CHARGING VALVES**

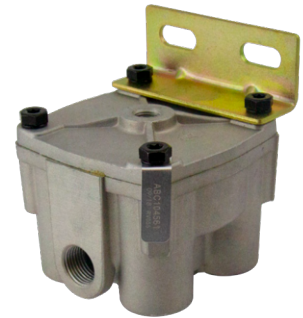


**KNORR BREMSE CHARGING VALVE**

CODE	179915
DETAILS	Charging Valve

BRAKE SYSTEMS

**RELAY VALVES**



**R-12P PILOT RELAY**

<b>CODE</b>	170417	170123
<b>DETAILS</b>	Bendix	Pacific
<b>DETAILS</b>	Used on rows of 8 and hydraulic suspension trailers.	

**R-12 RELAY - 5.5PSI CRACK**

<b>CODE</b>	174561	170218
<b>DETAILS</b>	Bendix	Pacific. Also used for R-12 Relay - 4.0psi Crack.
<b>DETAILS</b>	Used on rows of 8 and hydraulic suspension trailers. Tag or washer stamped with 4.0 or 5.5 this is the crack pressure of the valve.	



**R-12 RELAY - 4.0PSI CRACK**

<b>CODE</b>	170128	170121
<b>DETAILS</b>	Bendix	Pacific
<b>DETAILS</b>	Used on standard trailers to speed up spring brake release. Tag or washer stamped with 4.0 or 5.5 this is the crack pressure of the valve.	

**EUROPEAN STYLE RELAY**

<b>CODE</b>	179994
<b>DETAILS</b>	Knorr Bremse
<b>DETAILS</b>	Used on standard trailers to speed up spring brake release. Tag or washer stamped with 4.0 or 5.5 this is the crack pressure of the valve.





