

# UP2DATE

## SPECIAL TOOLS & AUXILIARY TOOLS COMPREHENSIVE SOLUTIONS FROM KNORR-BREMSE

**Knorr-Bremse TruckServices supplies vehicle owners, workshops and dealers with high-quality products and service solutions for commercial vehicles of all types and ages.**

This ensures that every commercial vehicle is ready for use again as quickly and in as perfect condition as possible.

In order to make servicing not only safer and faster, but also more cost-effective, Knorr-Bremse TruckServices is continuously extending its offer of special tools and auxiliary tools for maintenance.

The following pages give an overview of these tools and, where available, additional information to further documentation.

### At a glance

- › Workshop solutions inspired by market feedback
- › Developed in cooperation with leading companies producing special tools
- › Easier, safer, faster and more cost-effective maintenance
- › Continuous expansion of tool program



## SPECIAL TOOLS & AUXILIARY TOOLS

### CLUTCH COMPRESSOR TOOL CASE **K052066K50**

Doc. Service Manual: Y179440-# / Y272764-#  
Doc. Installation Instructions: Y059625-#  
Doc. Kit Leaflet Z097561-#

Suitable for Knorr-Bremse Clutch Compressors

- › Safe and optimal service of the Clutch
- › All essential tools combined in one Tool Case for fast and easy handling
- › Special tools, simplifying work steps
- › Maintenance of all Knorr-Bremse Clutch Compressor applications
- › Detailed repair instructions available online

The special tools from Knorr-Bremse support you in the following service actions:

- › Mounting and dismounting of the Clutch
- › Replacing the actuation piston
- › Mounting the output shaft

### **K052066K50**

Doc. Up2Date Y282362-#



### TEBS TOOL CASE **K148897K50**

Doc. Service Instructions: Y274021-#

Suitable for Knorr-Bremse Trailer EBS Modules

- › Fast releasing of all electronic connectors on Trailer EBS modules (power supply, additional functions, wheel speed sensors)
- › Tool for bayonet nut releasing comes with a square key, making it possible to use a standard ratchet
- › All other tools come with an ergonomically designed, two-component handle for ease of handling
- › Detailed repair instructions available online

The special tools from Knorr-Bremse support you in the following service actions:

- › Releasing the electrical connectors from the Trailer EBS Module
- › Releasing and tightening the power supply connector (bayonet nut)

Also available as single unit:

- › K141323N50 - TEBS extraction tool for 4/6 pole plug
- › K141324N50 - TEBS extraction tool for 12 pole plug
- › K141325N50 - TEBS extraction tool for 2 pole plug
- › K141326N50 - TEBS extraction tool for bayonet nut connector

### **K148897K50**

Doc. Up2Date Y286261-#



# = For the latest revision please refer to the website:

[truckservices.knorr-bremse.com](http://truckservices.knorr-bremse.com)

## SPECIAL TOOLS & AUXILIARY TOOLS

### AIR DISC BRAKE TOOL CASES

#### K158880K50 \*

Doc. Service Manual: C16352-#, Y006471-#, Y081564-#, Y173241-#, Y416977-#  
Contains all the special tools required for professional repair of Knorr-Bremse Air Disc Brakes types SB6/SN6/SB7/SN7/SK7/SM/SL7/ST7/SyD7

- › Compact case to facilitate repair and maintenance
- › Robust design for every days workshop work
- › Perfectly organized & easy to transport
- › Detailed repair instructions available online

#### NEW K209211K50

Supplementary Tool Kits for Air Disc Brakes with Double Roller Bearing cartridge (in addition to K158880K50)

Suitable for Knorr-Bremse Brakes types SN6/SN7/SK7/SM7/SL7

#### K039062K50

Suitable for Knorr-Bremse 19,5" & 22,5"

Contains all the special tools required for professional repair of Knorr-Bremse Air Disc Brakes types SN6, SN7, SK7, SM/SL7, ST7

#### K037001

Doc. Service Manual: Y015044-#

Suitable for Knorr-Bremse 17,5" Air Disc Brakes

Contains all the special tools required for professional repair of Knorr-Bremse Air Disc Brakes type SN5

#### II37951004

Doc. Service Manual: C16352-#

Suitable for Knorr-Bremse 17,5" Air Disc Brakes

Contains all the special tools required for professional repair of Knorr-Bremse Air Disc Brakes type SB5

#### K046291K50

Doc. Kit Leaflet Z057900-#

Supplementary set (in addition to K016947)

Suitable for Knorr-Bremse 22,5"

Air Disc Brakes types SK7, SM/SL7, ST7

### Supplementary Tool Kits for Air Disc Brakes

#### K172453K50 \*\*

Doc. Service Instructions: Y326883-#

Suitable for WABCO Air Disc Brakes applications

types PAN 19-1, PAN 19-1 plus, PAN 22-1 and PAN 25

#### K172454K50 \*\*

Doc. Service Instruction: Y326882-#

Suitable for Haldex Air Disc Brake applications

DBT 19 LT (Modul T) & DBT 22 LT (Modul T)

\* Replaces Tool Case K039062K50 and II37951004

\*\* In addition to K158880K50

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#### K158880K50

Doc. Up2Date Y344161-#



#### K209211K50

Doc. Up2Date Y444902-#



#### K037001



#### K172453K50 & K172454K50

Doc. Up2Date Y344230-#



## SPECIAL TOOLS & AUXILIARY TOOLS

### DIGITAL TESTING DEVICE FOR WEAR-POTENTIOMETERS **K154433N50**

Doc. User Manual: Y119119-#

Suitable for Knorr-Bremse Air Disc Brakes with continuous or black/white potentiometers

- › Testing of potentiometer functionality on Knorr-Bremse Air Disc Brakes
- › Checking the wear condition of the Brake Pads and Discs

**K154433N50**



### SPECIAL TOOL BAYONET-RING **K162153K50**

Doc. Service Instructions: Y162789-#

Doc. Service Instructions: Y314790-#

Suitable for Knorr-Bremse Bayonet Cartridges

- › Easy and quick releasing and also tightening of the bayonet ring of Bayonet Cartridges
- › Intuitive handling
- › Simplification of everyday tasks in the workshops

**K162153K50**

Doc. Up2Date Y314774-#



### ACTUATOR MAINTENANCE GAUGE **K108806K50**

Doc. Service Instructions: Y302415-#

Video: Y193970-#

Suitable for Knorr-Bremse Brake Actuators

- › Leads to quick service decisions
- › Reduction of downtime
- › Enables a quick and easy check of the height of the Actuator's seal and push rod
- › Ensures orientation of Actuator corresponds exactly with original installation

**K108806K50**

Doc. Up2Date Y306344-#



### BRAKE DISC MEASURING GAUGE **K146719K50**

Doc. Service Instructions: Y302366-#

Video: Y257110-#

Suitable for Brake Discs for Knorr-Bremse Air Disc Brake applications

- › Quick monitoring of the wear condition of all 17.5", 19.5" and 22.5" Brake Discs
- › Reduction of downtime
- › Supports quick identification of the current wear condition of a Brake Disc without removing the wheel

**K146719K50**

Doc. Up2Date Y306333-#



### NEW ADJUSTER INDICATOR TOOL SET **K219632K50**

For functional testing of the Pneumatic Disc Brake Adjuster

Five colour coded adapters: suitable for Pneumatic Disc Brakes for Knorr-Bremse, WABCO, Haldex and Meritor applications.

Quantity per indicator type: 2 pcs



Animation link [here](#)

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**K219632K50**

Doc. Up2Date Y458348-#



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NEW

## SPECIAL TOOLS & AUXILIARY TOOLS

### RELEASE TOOLS FOR RAUFOSS COUPLINGS/TUBE RELEASE

#### RELEASE TOOL KIT **2600970**

Combines all below mentioned Release Tool Professional / Metal for a quick and safe loosening of pipes from push-to-connect fittings and releasing tubes of different pipe sizes.

Contents of the Release Tool Kit are listed in the column below headed "Metal" (also available as separate parts):

Release Tool Professional Metal and Standard/Plastic

Tool Part Number		Tube	Thread
Metal	Plastic		
96606020	96606010	6x1.0	1/4"
96608020	96608010	8x1.0	
96610020	96610010	10x1.0; 10x1.25; 10x1.5	3/8"
96612020	96612710	12x1.5	1/2"
96615020	96615010	15x1.5	
96616020	96616010	16x2.0	5/8"

#### **2600970**

Doc. Up2Date Y356588-#



METAL / PLASTIC



#### RELEASE BOLT **K040394K50**

Doc. Product Data: Y011369-#

Suitable for double-diaphragm Spring Brakes in Trailer application

- › Supports winding-off of the power spring in case of failure in the air system

#### **K040394K50**



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**KEEP IT RUNNING**

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If service work is carried out on a vehicle based on information provided herein, it is the responsibility of the workshop to ensure the vehicle is fully tested and in full functional order before the vehicle is returned into service. Knorr-Bremse accepts no liability for problems caused as a result of appropriate tests not being carried out.

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