

Core Returns Guide

Bremsen Technik Reman Returns Guide
www.btreman.com | +44 (0) 2476 362523



Bremsen Technik
R E M A N

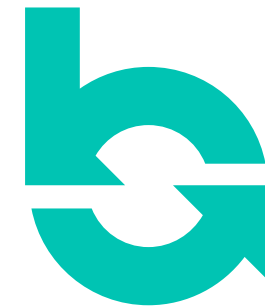
Introduction

Remanufacturing offers a cost effective and sustainable alternative to a new product whilst maintaining the level of quality and reliability that is required. A remanufactured component from BT Reman offers OE equivalent performance at a much lower cost with added savings for the environment on raw materials and energy.

Unlike purchasing a brand new unit, purchasing a remanufactured unit requires a customer to return the equivalent 'old unit' in exchange. This is a crucial step in the remanufacturing process in order to ensure an efficient supply chain.



To ensure our customers receive the maximum level of service and availability, efficient return of high quality core is crucial. For this reason we have created this 'Core Returns Guide' to help you understand and follow the process.



Bremsen Technik
R E M A N

Index

- Core returns policy
- Core Returns Acceptance Criteria
- Core Returns Process
- How to identify your caliper product group
- Contact Us

Core Returns Policy

- Cores **must be returning within 6 months of purchase (invoice date)** in order to be eligible for surcharge credit. Cores returned after 6 months will be eligible to a 50% credit and a 0% credit if the core is returned after 12 months.
- Caliper and surcharge will be invoiced separately.
- Returned cores will be valued **based on the original core surcharge value**. Caliper surcharge varies from **£100 to £200** depending on manufacturer and steering box surcharge is valued from £300.*
- Core returns will be credited and allocated against the original invoice number - *if no invoice number is provided by the customer, the oldest available unit will be credited*
- Only cores which meet the BT Reman Core Returns Acceptance Criteria will be accepted.
- All returns should be **packaged in accordance with our Core Returns Acceptance Criteria**.
- Shipment of cores to BT Reman constitutes acceptance of the above terms.

All customers will receive a monthly core statement at the start of each month. You can request an updated statement throughout the month by contacting Customer Services on sales@btreman.co.uk.

BT Reman will offer each customer within Mainland UK one free of charge collection or shipment per month for a minimum of 3 units, except under special circumstances that are agreed in advance of shipment.

* Core returned that is not like for like and agreed at the discretion of BT Reman will be allocated against an invoice of appropriate value as chosen by BT Reman.

Acceptance Criteria

- 1 The unit that is being returned **must be equivalent to** that which has been purchased. The **model of the returned caliper core must be the same** however the part number may differ. A similar model may be accepted at the discretion of BTR (e.g. if it is the same manufacturer) however this should be checked with our customer services team before the return is made.

Please note - Where a customer requests a **'double booted' caliper in favour of a 'single booted' caliper** we must receive a 'double booted' unit in return.

If the caliper being supplied **includes a carrier**, then the unit that is being returned must also include a carrier.

- 2 The unit that is being returned **must be appropriately prepared and packaged**. Brake Fluid should be **drained** from hydraulic calipers and inlets should be **plugged**. We request all calipers are **returned in a sealed bag**. Any sharp edges or corners must be removed or covered to prevent injury. Where possible, a unit should be returned in original packaging. Customers are responsible for ensuring the unit is received in good condition.

- 3 A returned caliper **must be complete** (not disassembled) and it must **not have any missing parts**.

- 4 Damaged units will not be accepted. The caliper body **must not be cracked, broken or deformed** in any way.

- 5 All units **must be returned within your standard payment term** to avoid surcharge payment; and within **6 months from date of invoice** to be eligible for surcharge credit.

Returns Process

Do you have **old core** ready to return to us for Surcharge Credit?

In **5 easy steps** we can help you get this back to us so we can credit your account.

Clearly **identify your old core** matching it to the outstanding surcharge statement received from BT Reman.

Package core appropriately in line with the BT Reman acceptance criteria and your chosen courier standard and **return to BT Reman for inspection**. Local collection service may be available, please contact us to discuss options.

Segregate

1

Paperwork & Contact

2

3

4

Inspection & Credit

5

Identify & Inspect

Despatch & Return

Segregate all of your old core into **categories**: Meritor, Knorr, Brembo etc

Create the appropriate **returns paperwork** against the original invoice number. **Contact BT Reman** to let us know what is being returned

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+44 (0) 2476 369835
oldcore@btreman.com

On receipt of goods, **BT Reman will check and verify old core** and if applicable **a credit will be raised** as per the core returns policy. *

* Core returned that is not like for like and agreed at the discretion of BT Reman will be allocated against an invoice of appropriate value as chosen by BT Reman

Caliper Identification Guide

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Bremsen Technik
R E M A N

Identification

Girling Front (Hydraulic)

Manufacturer | Meritor

BTRLRG520 / BTRLRG521

 Threaded holes for pad retention




Identification

Girling Rear (Hydraulic)

Manufacturer | Meritor

BTRLRG626 / BTRLRG627

 Three holes – pad plate retaining holes




Identification

Brembo Front (60mm | Hydraulic)

Manufacturer | Brembo

BTR122576008 / BTR122576009

 Holes for pad retaining two pins




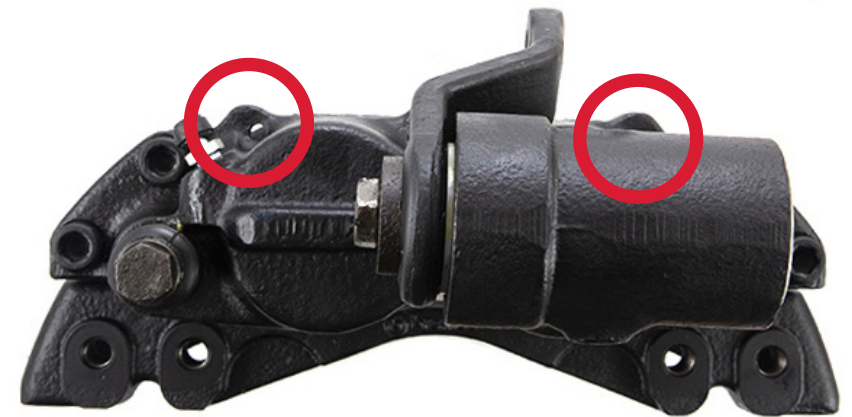
Identification

Brembo Rear (60mm | Hydraulic)

Manufacturer | Brembo

BTR122577016 / BTR122577026

 Holes for pad retaining two pins




Identification

DUCO Axial Standard (D-DUCO)

Manufacturer | Meritor

BTRLRG536 / BTRLRG537

 D-DUCO Axial defined by 8 endplate bolts

 Adjuster hole same side as large bore





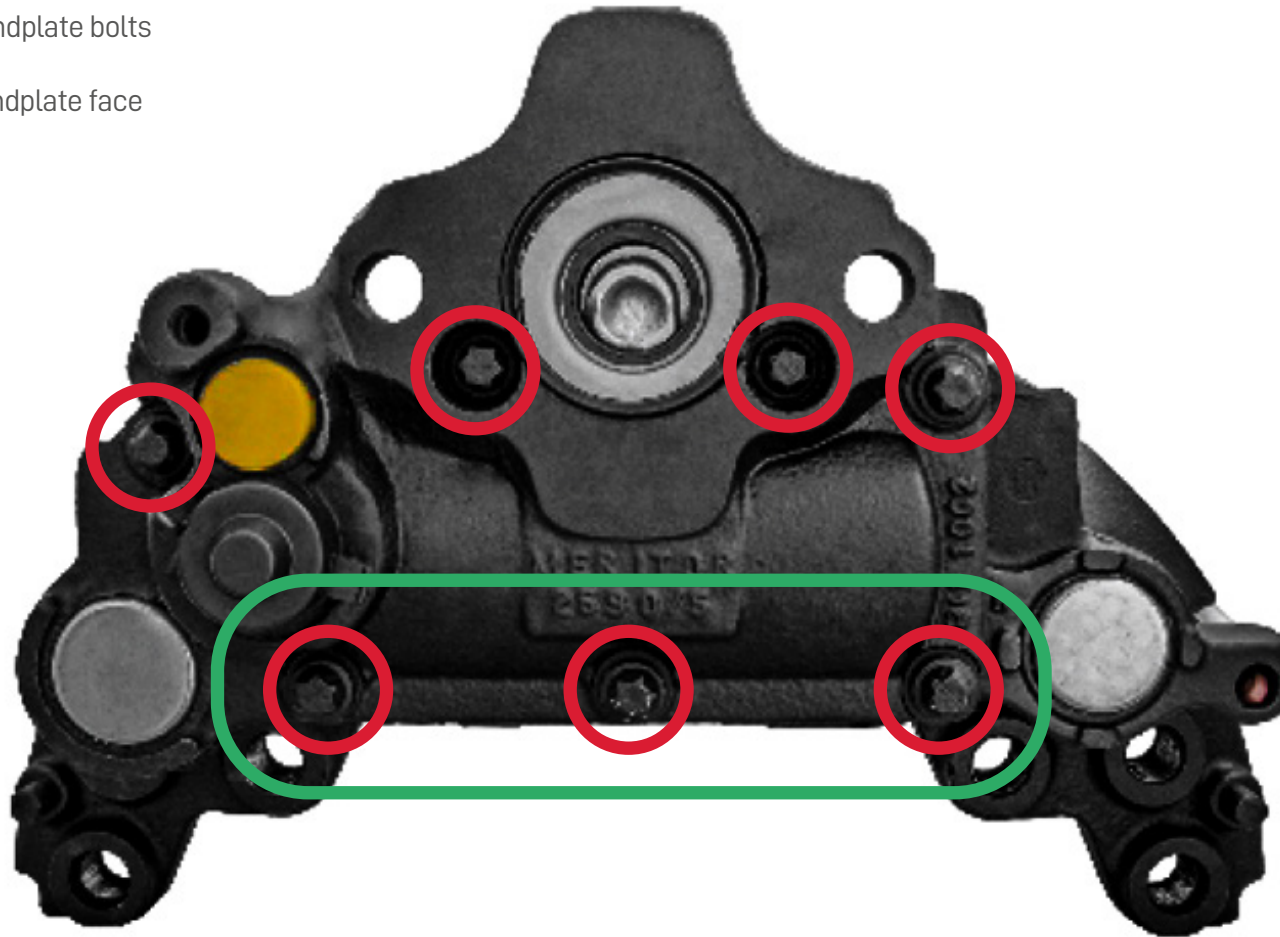
Identification

DUCO Axial Standard (C-DUCO & LE-DUCO)

Manufacturer | Meritor

BTRLRG650 / BTRLRG651 / BTRLRG560 / BTRLRG561

-  DUCO Axial defined by 7 endplate bolts
-  3 of 7 bolts at bottom of endplate face




Identification

DUCO Axial Flip (D-DUCO)

Manufacturer | Meritor

BTRLRG596 / BTRLRG597

 D-DUCO Axial flip defined by 8 endplate bolts

 Adjuster hole opposite side as large bore



Identification

DUCO Radial
Manufacturer | Meritor

BTRLRG598 / BTRLRG599

 DUCO Axial defined by 8 endplate bolts

 Radial endplate is perpendicular




Identification

C-LISA & D-LISA

Manufacturer | Meritor

BTRLRG630 / BTRLRG631 / BTRLRG592 / BTRLRG593

 LISA family defined by 6 endplate bolts



Identification

ELSA1

Manufacturer | Meritor

BTRLRG570 / BTRLRG571 / BTRLRG590 / BTRLRG591

○ ELSA1 family defined by 9 endplate bolts



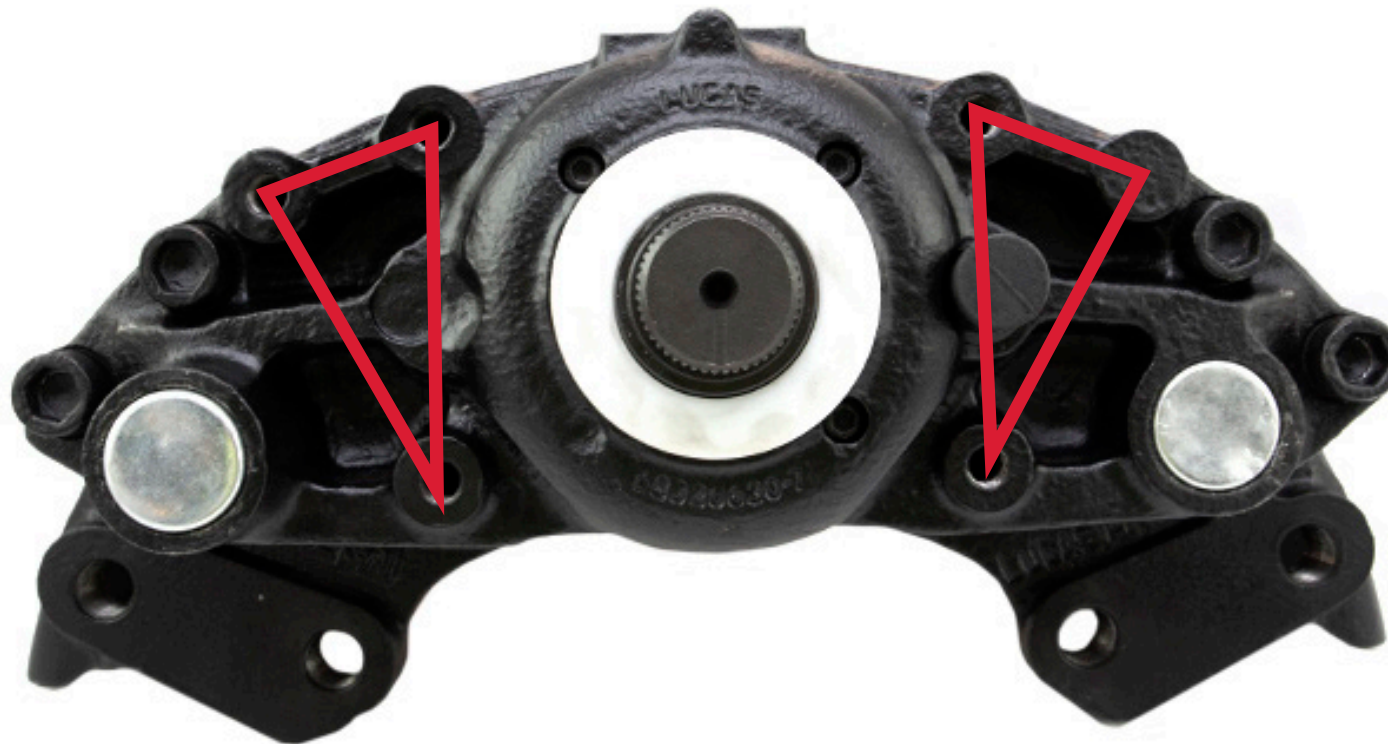
Identification

D3

Manufacturer | Meritor

BTRLRG524 / BTRLRG525

○ D3 family defined by triangular machining formation on housing face



Identification

ELSA 2
Manufacturer | Meritor

BTRLRG572 / BTRLRG573

- ELSA2 family defined by 4 socket head bridge bolts
- Rectangular housing face





Identification

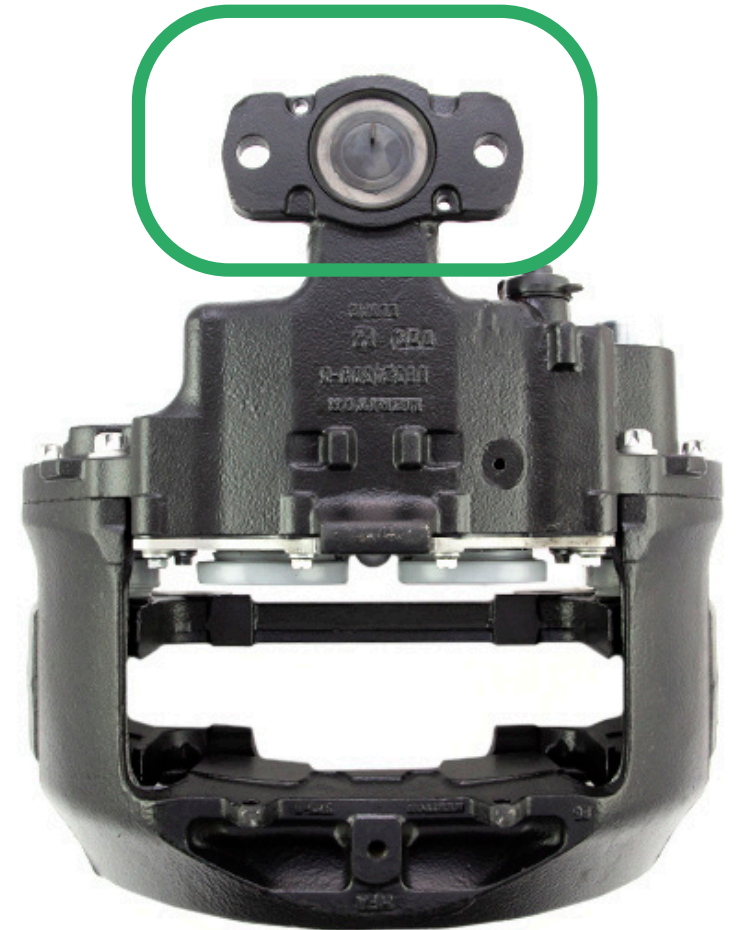
ELSA 2 (Radial)

Manufacturer | Meritor

BTRLRG669 / BTRLRG670

 ELSA2 family defined by 4 socket head bridge bolts

 Radial housing is perpendicular



Identification

ELSA 195
Manufacturer | Meritor

BTRLRG702 / BTRLRG703

 ELSA195 family defined by 4 Torx head bridge bolts



 Rosette housing face

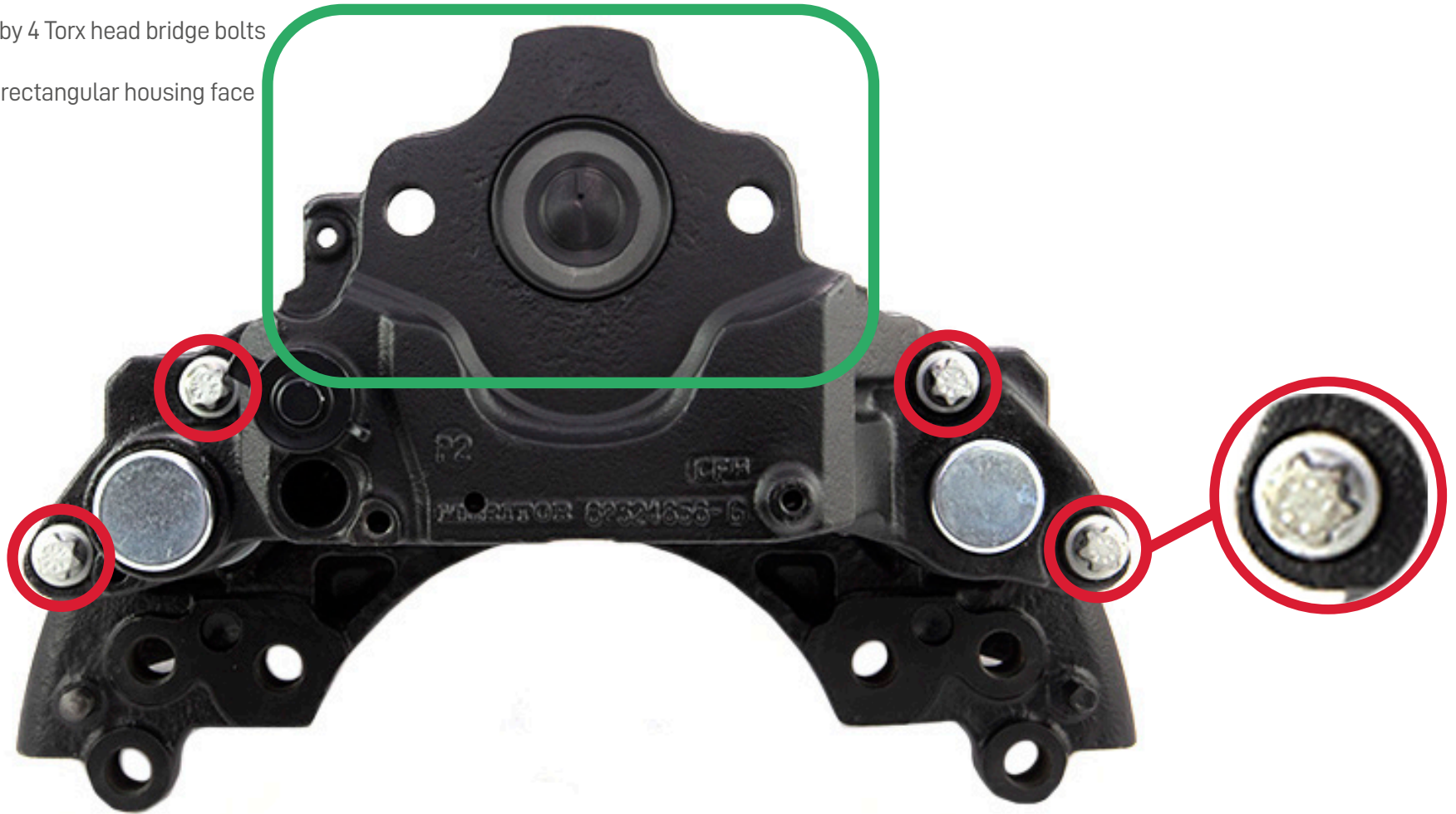


Identification

ELSA 225
Manufacturer | Meritor

BTRLRG728 / BTRLRG729 / BTRLRG736 / BTRLRG737

-  ELSA225 family defined by 4 Torx head bridge bolts
-  Rosette housing face or rectangular housing face





Identification

ELSA 225 (Radial)

Manufacturer | Meritor

BTRLRG726 / BTRLRG727

-  ELSA225 family defined by 4 Torx head bridge bolts
-  Rosette housing face or rectangular housing face
Radial housing is perpendicular




Identification

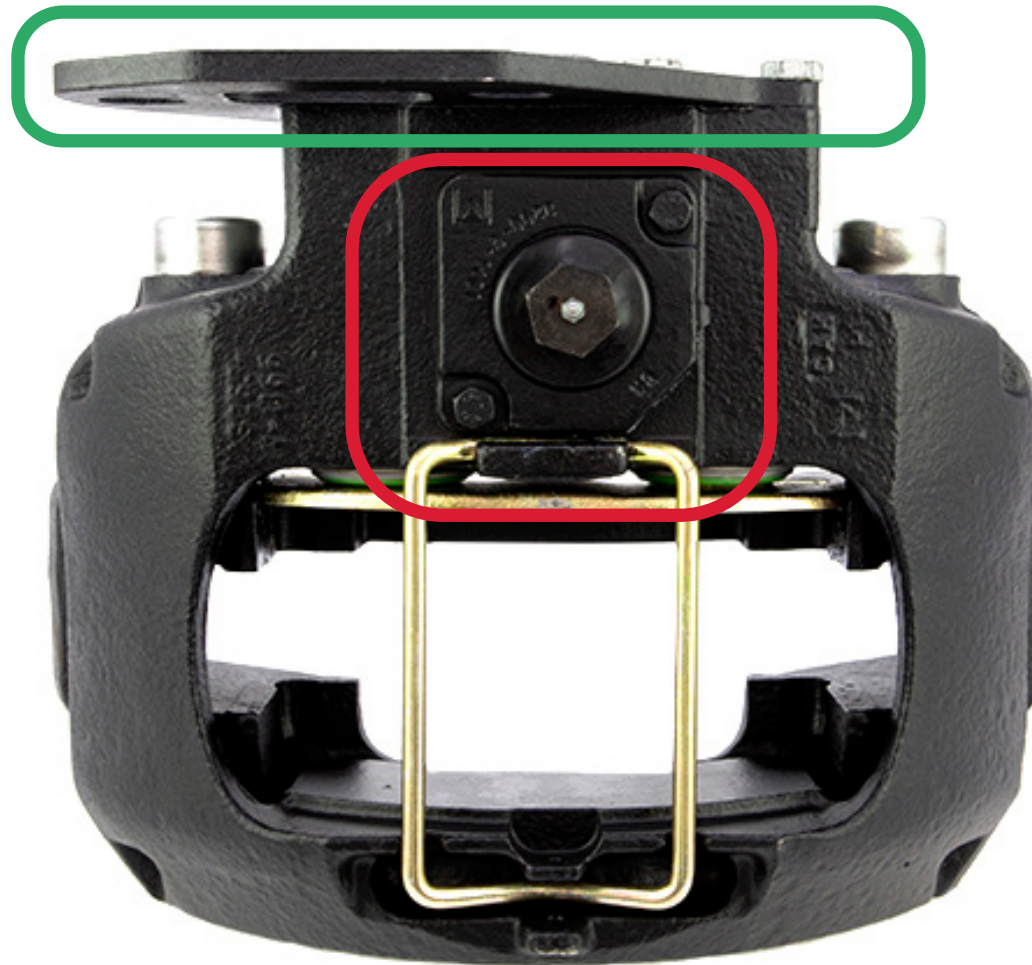
DX175 / 195

Manufacturer | Meritor

BTR15224836 / BTR15224837

 DX175/195 family defined by top cover and op-shaft

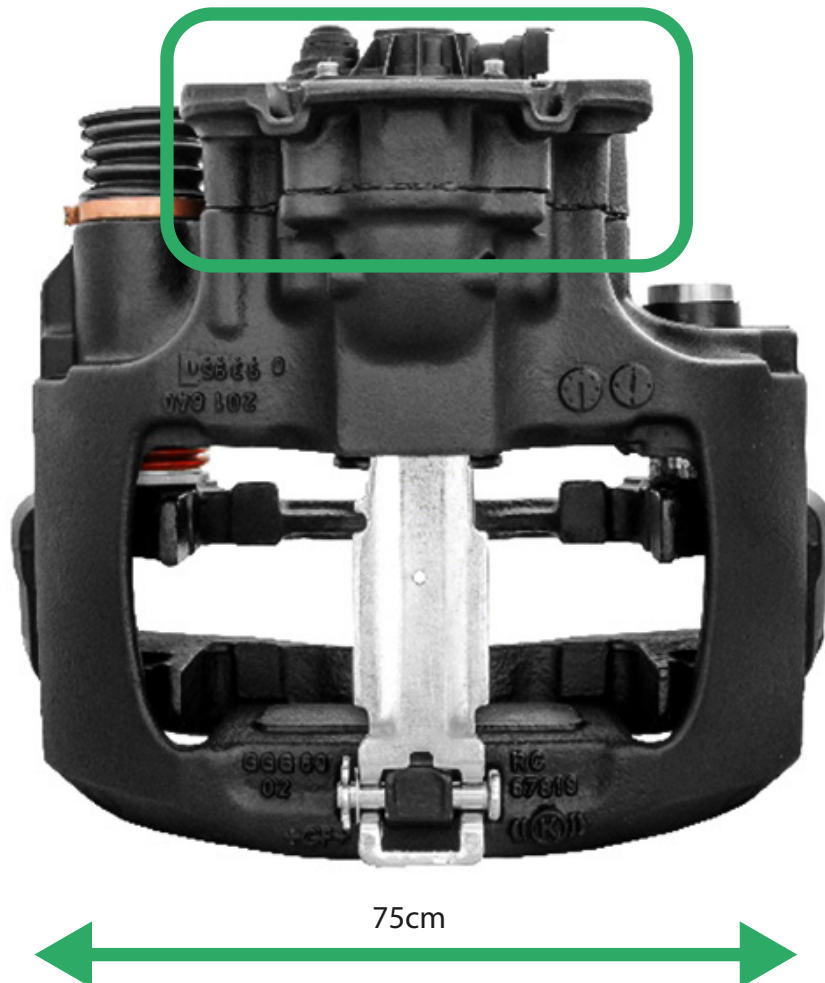
 DX195 end plate






Identification

SB5
Manufacturer | Knorr

BTRSB5003 / BTRSB5013





-  Fitted to 17.5 inch wheel
-  Separate back plate bolted from rear
-  Square electrics



Identification

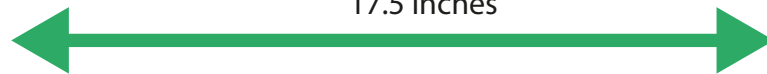
SN5
Manufacturer | Knorr

BTRSN5002 / BTRSN5012

-  Unique tappet shape
-  Square electrics



17.5 inches




Identification

SB6
Manufacturer | Knorr

BTRSB6401RC / BTRSB6411RC

 Knorr S6 family defined by plastic/metal cover with/without potentiometer

 Casting measurement = 35.5 cm



Knorr endplate detail SB




Identification

SN6
Manufacturer | Knorr

BTRK013173 / BTRK013174

 Knorr S6 family defined by plastic/metal cover with/without potentiometer

 Casting measurement = 35.5 cm



Knorr endplate detail SN



Identification

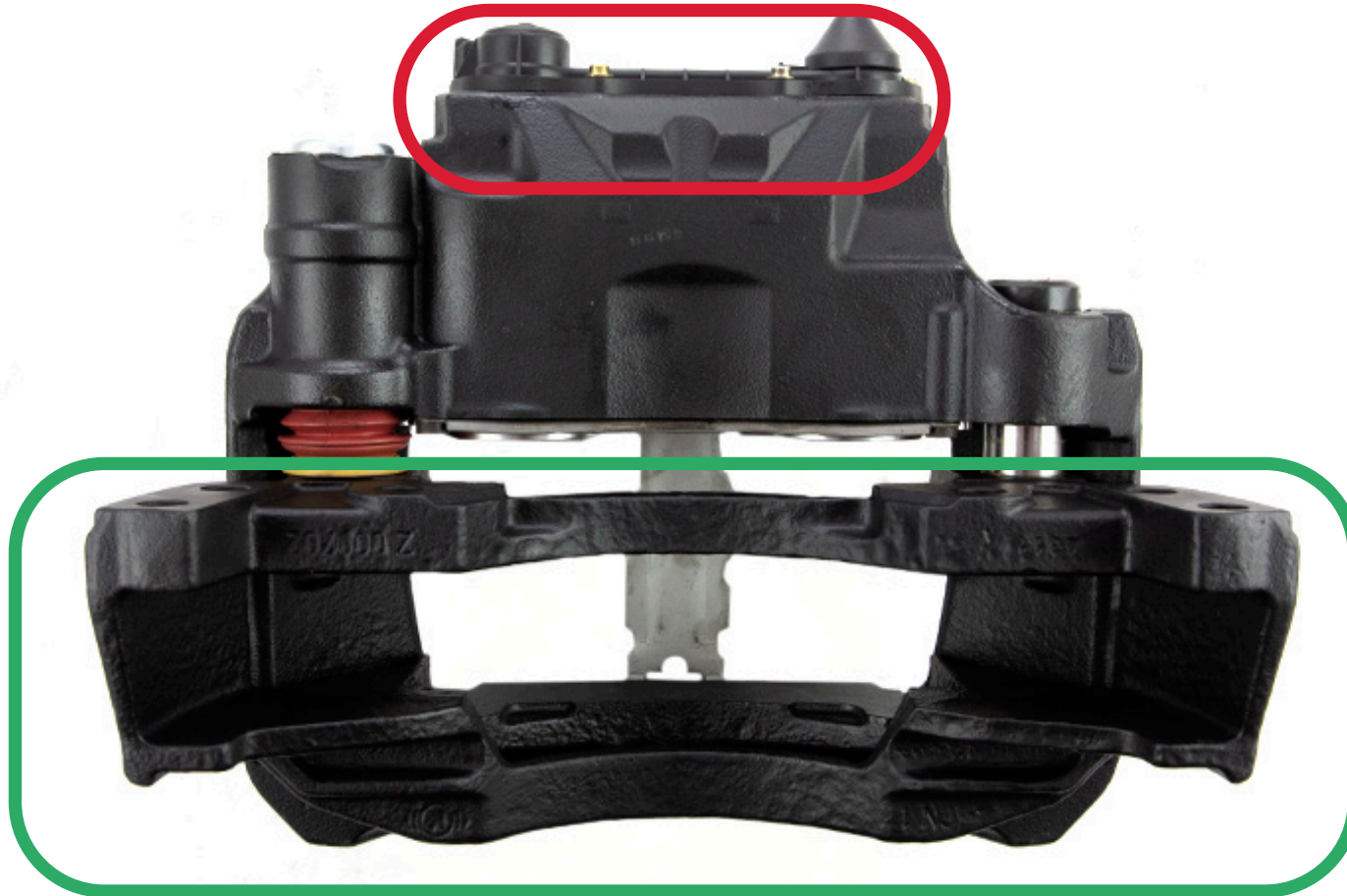
SB6 / SN6 (With Carrier)

Manufacturer | Knorr

BTRSB6548 / BTRSB6558

 Knorr S6 family defined by plastic/metal cover with/without potentiometer



 Includes Carrier



Identification

SK7
Manufacturer | Knorr

BTRK012633 / BTRK012634 / BTRK001908 / BTRK001909

-  Knorr SK7 family defined by plastic/metal cover with/without potentiometer
-  Casting measurement = 37.5 cm





Knorr endplate detail SK

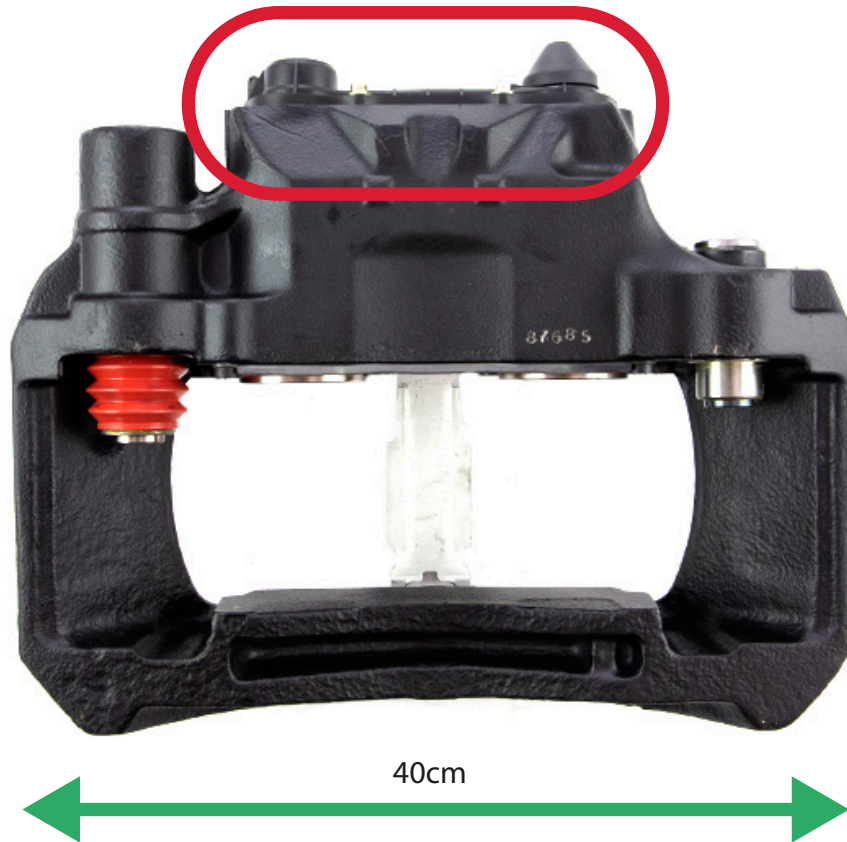


Identification

SB7 / SN7
Manufacturer | Knorr

BTRK003781 / BTRK003782

-  Knorr S7 family defined by plastic/metal cover with/without potentiometer
-  Casting measurement = 40 cm



Knorr endplate detail SB7/SN7




Identification

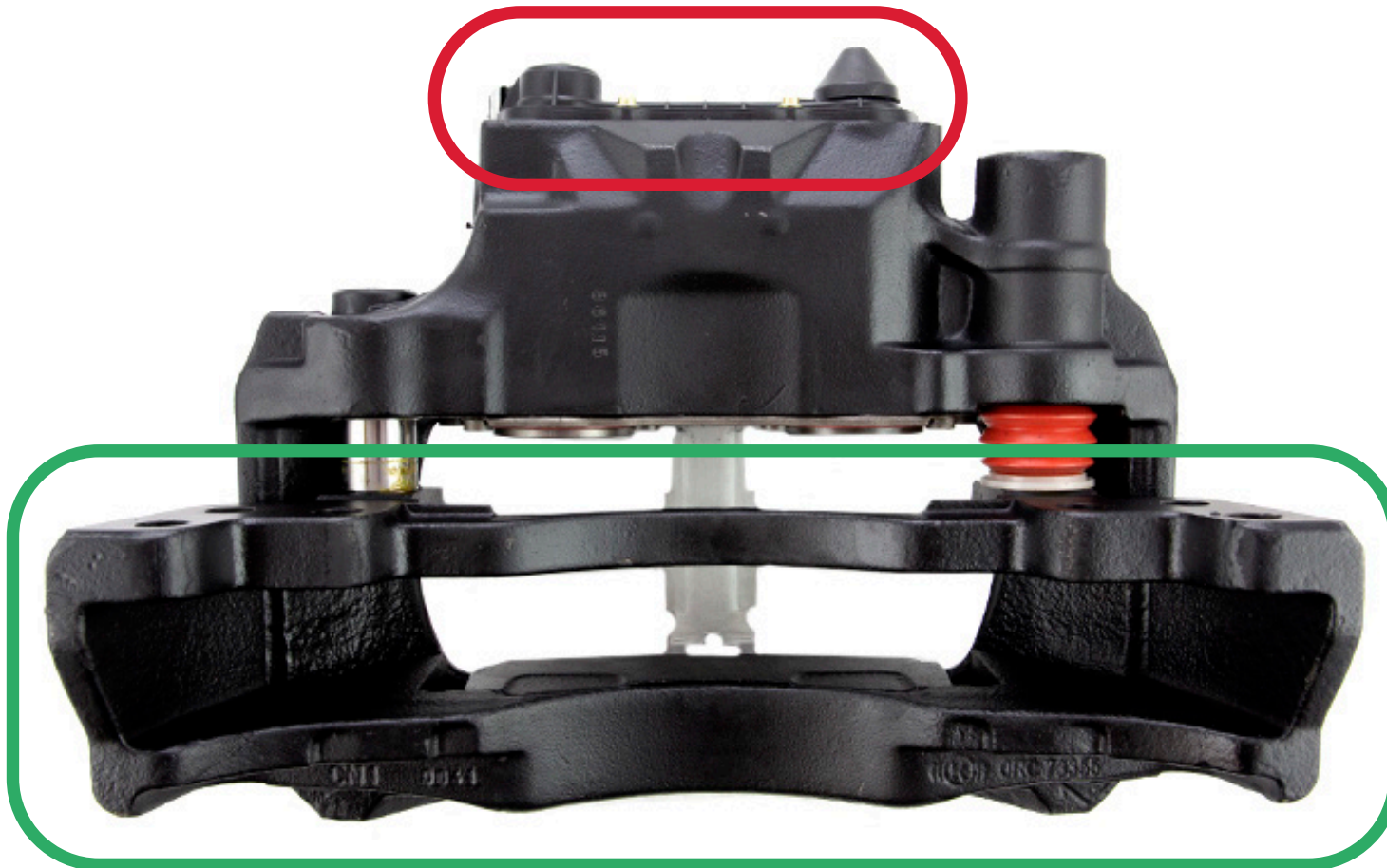
SB7 / SN7 (With Carrier)

Manufacturer | Knorr

BTRK002444 / BTRK002445

 Knorr S7 family defined by plastic/metal cover with/without potentiometer

 Includes Carrier




Identification

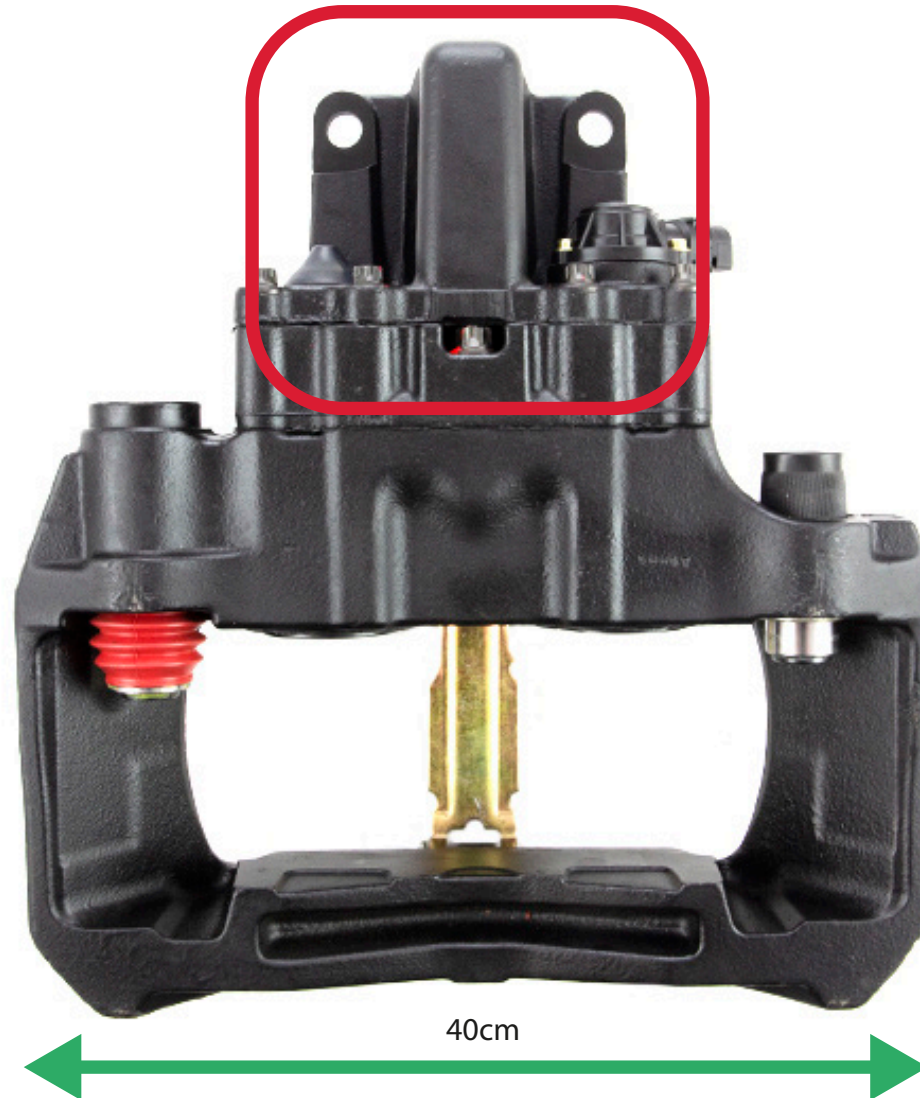
SB7 (Radial)

Manufacturer | Knorr

BTRK002968 / BTRK002969

 Radial endplate is perpendicular


 Casting measurement = 40.cm



Identification

SL (SL7)
Manufacturer | Knorr

BTRK052380 / BTRK052381

 Counter sunk hole next to large guide pin

 Mono block



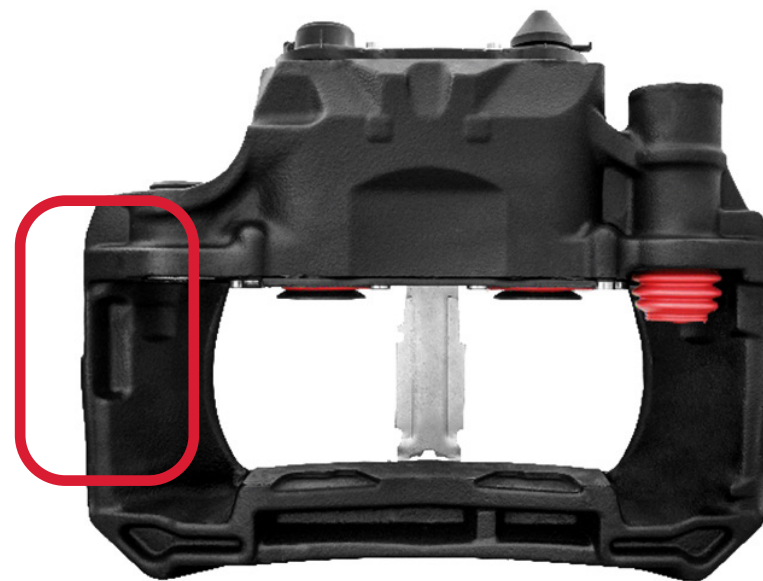
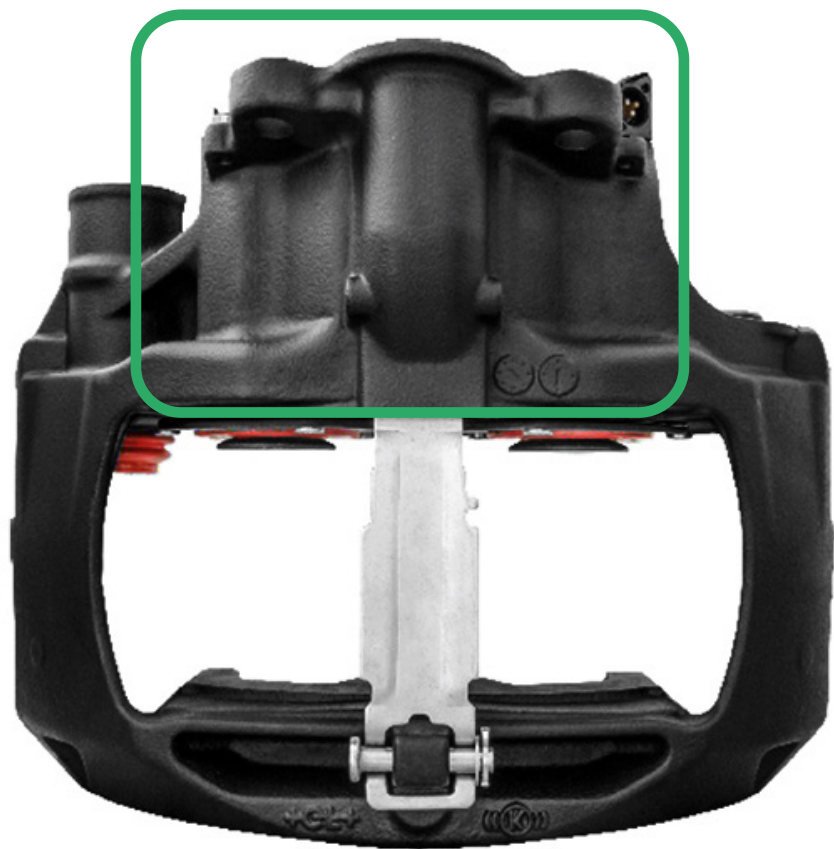
Identification

SM (SM7)
Manufacturer | Knorr

BTRK052390 / BTRK052391

 Cut out on underside, small guide pin


 Mono block



Identification

ST
Manufacturer | Knorr

BTRK069395 / BTRK069396




 S shape on bridge

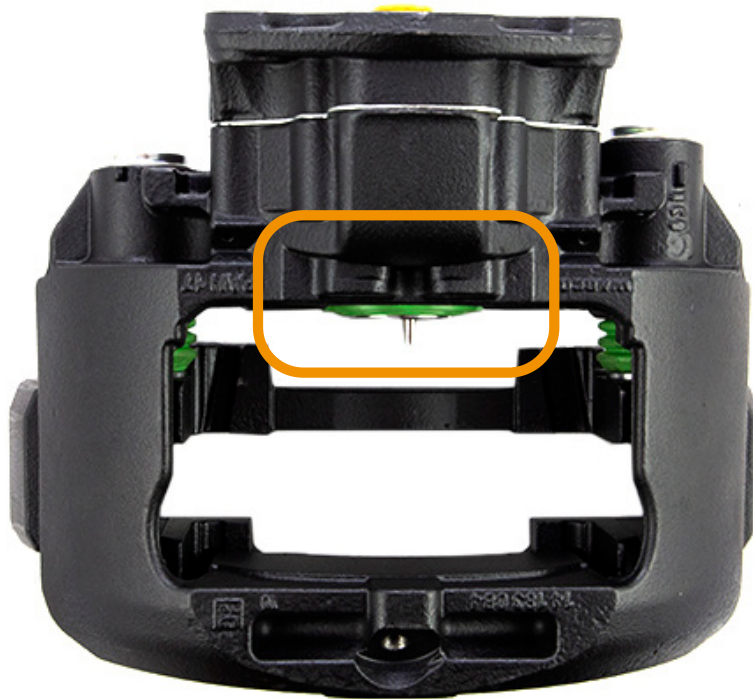


Identification

PAN 17
Manufacturer | Wabco

BTR40175064 / BTR40175065 / BTR40175072 / BTR40175073

-  8 bolts holding chamber mounting plate on
-  Adjuster in centre of chamber mounting plate
-  Single centre tappet complete with pin or slot






Identification

PAN 19-1 (Single Piston)

Manufacturer | Wabco

BTR40195037 / BTR40195038 / BTR40195045 / BTR40195046

-  8 bolt holes
-  Adjuster in centre of chamber mounting plate
-  Same as Pan-17 – single tappet complete with pin only – no slot



37.5-38.5cm






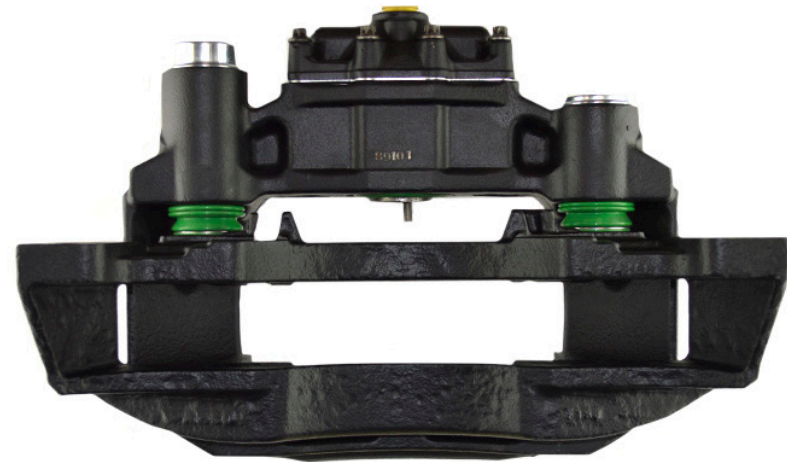
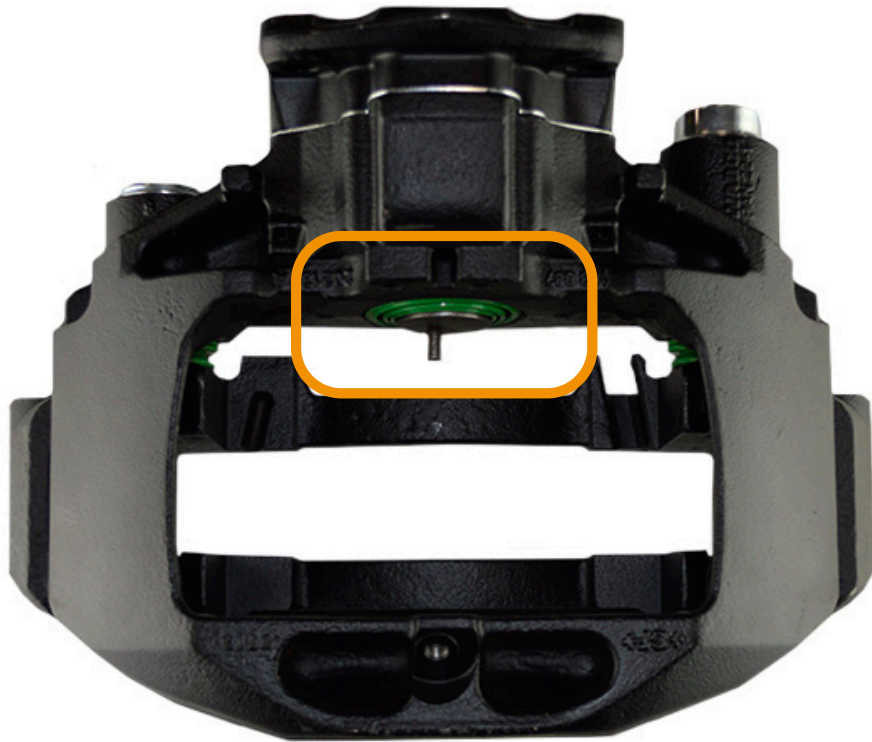
Identification

PAN 22-1 (Single Piston)

Manufacturer | Wabco

BTR40225015 / BTR40225016

-  8 bolt holes
-  Adjuster in centre of chamber mounting plate
-  Single tappet complete with pin only – no slot



42-43cm




Identification

PAN 19-2 (Twin Piston)

Manufacturer | Wabco

BTR40195021 / BTR40195022

 2 x adjusters on mounting plate and 7 mounting bolt holes

 2 x tappets



Identification

PAN 22-2 (Twin Piston)

Manufacturer | Wabco

BTR40225003 / BTR40225004

 2 x adjusters on mounting plate and 7 mounting bolt holes





 2 x tappets

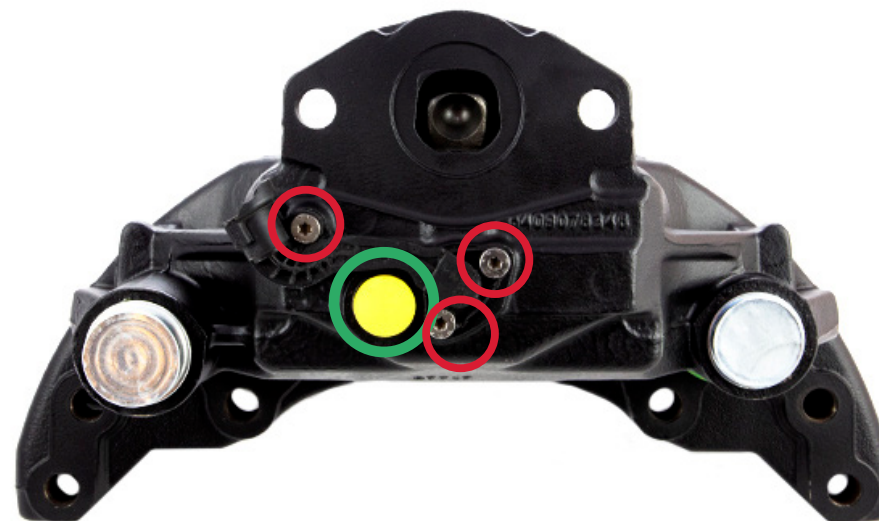


Identification

MAX22
Manufacturer | Wabco

BTR640322071 / BTR640322072




-  3 x potentiometer mounting screws
-  1 x adjuster complete with potentiometer
-  Single tappet complete with pin
-  Mono block



Identification

MAX22T
Manufacturer | Wabco

BTR6402220010 / BTR6402220020





-  Centre adjuster in mounting plate. No electrics
-  Single tappet complete with pin
-  Mono block

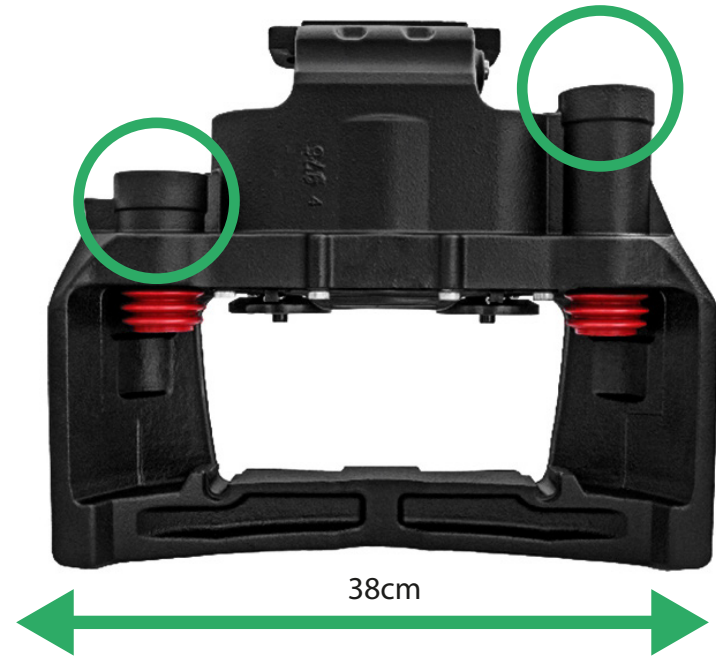


Identification

370 ECO
Manufacturer | BPW

BTR0536272030 / BTR0536272040

-  2 x core plugs close to chamber mounting
-  Threaded
-  1 x adjuster
-  2 x tappets



Identification

430 ECO
Manufacturer | BPW

BTR0536272010 / BTR0536272020

-  Threaded
-  Body Flares
-  1x adjuster



Identification

Modul X
Manufacturer | Haldex

BTR93837

 4 x bolts

 Adjuster



Identification

Modul T
Manufacturer | Haldex

BTR95620

 Mono block

 Adjuster




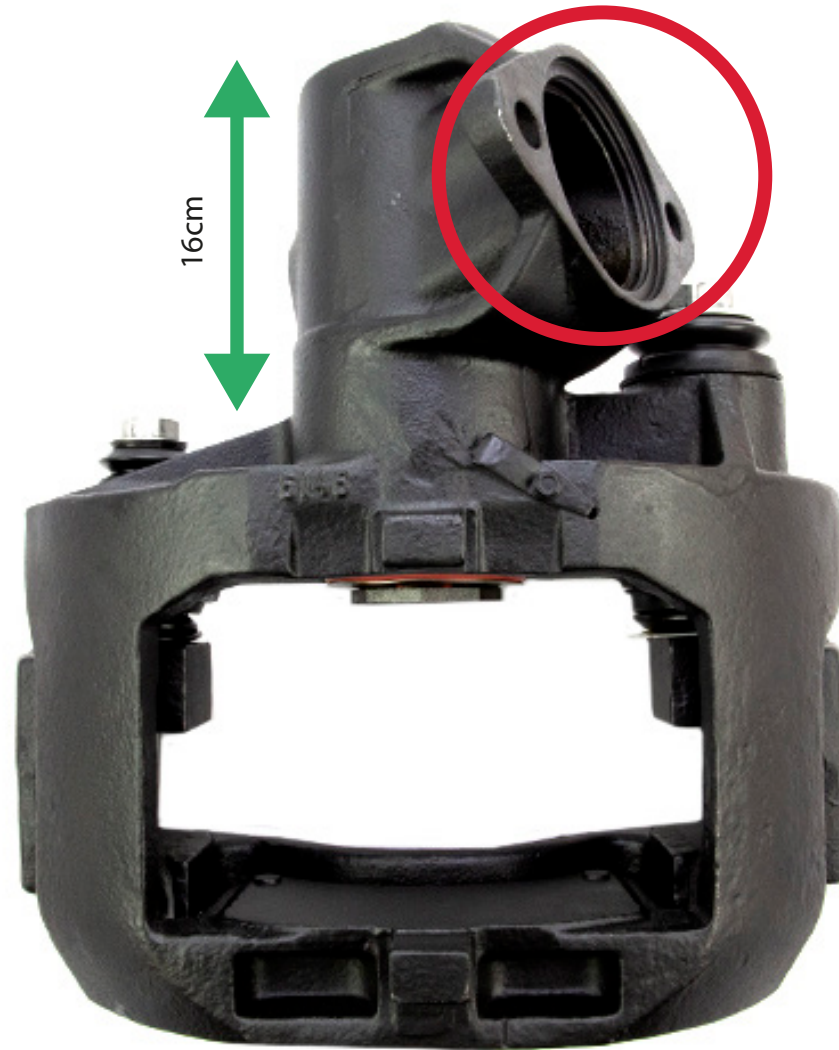
Identification

Short Neck

Manufacturer | Bendix

BTR131790 / BTR131791

 Wider chamber mounting



Identification

Long Neck
Manufacturer | Bendix

BTR131776 / BTR131777

 Wider chamber mounting



Contact

A subsidiary of the **Bremsten Technik Group**, Bremsten Technik Reman is your best partner for **new** and **remanufactured** heavy vehicle braking and steering products. Bremsten Technik Reman **operates two UK remanufacturing plants** equipped with **state of the art processing and testing equipment** within a global network of Group and supplier partner facilities. We operate controlled and recorded processes to international standards and utilise only OE grade components at every level. Our team have a **wealth of experience** in the automotive sector with a specialist focus on remanufactured brake calipers, relined brake shoes and steering boxes.

ISO9001:2015 accreditation

ISO14001:2015 accreditation

UK remanufacturing base with easy access to motorway network

State of the art equipment

Complete testing capability

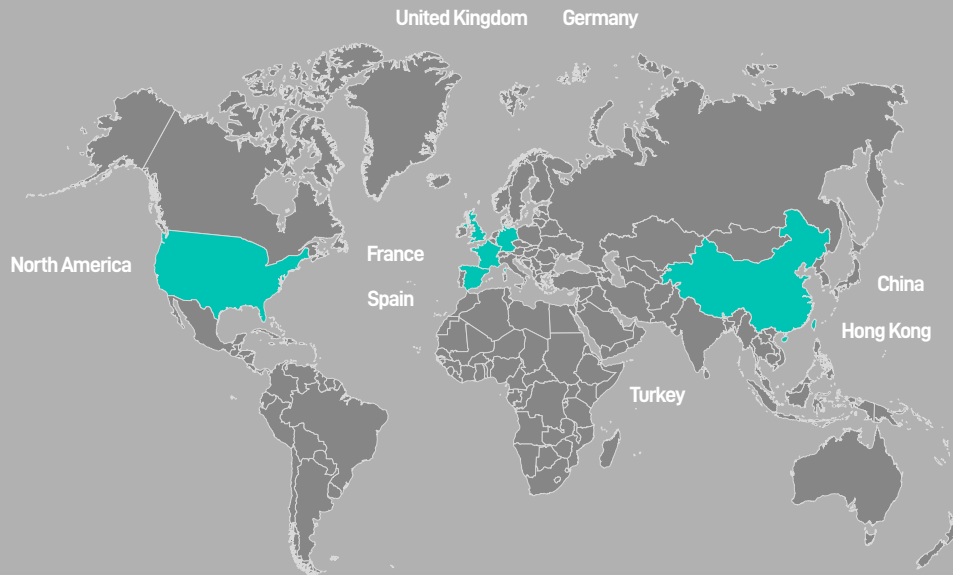
Competitive pricing structure

OE approved processes and components

UK next day delivery



Bremsten Technik
G R O U P



The Bremsten Technik Group specialises in providing the market with quality automotive components with a competitive edge. With a specialist focus on friction and wheel end components for Commercial Vehicle, Passenger Car and Race; we are suppliers of both OE and aftermarket products.

Bremsten Technik Reman Ltd is part of the **Bremsten Technik Group** of companies



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R E M A N

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