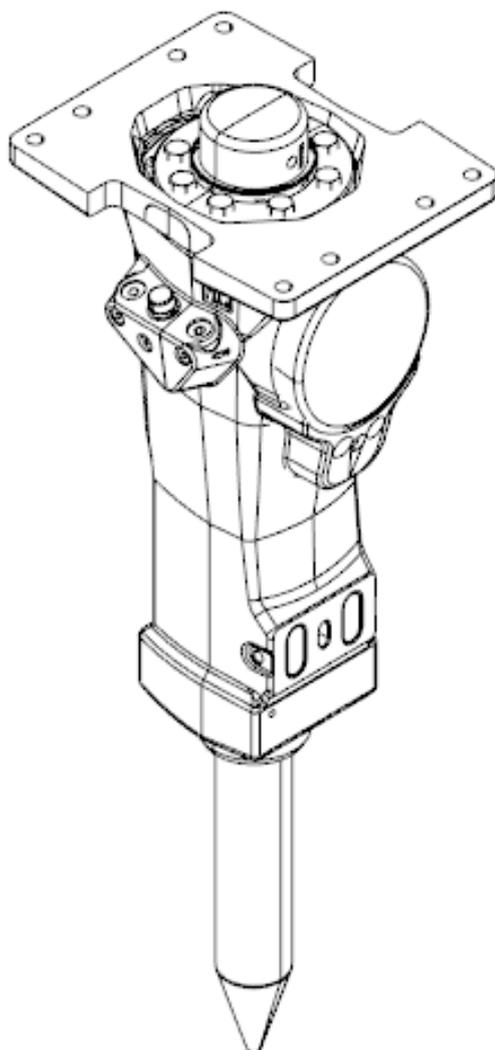


SB 452

Spare parts list Hydraulic breakers

SB 452 s/n BES043603 –



General information

This spare parts list applies to the following:

| Part number | Description |
|-------------|-------------|
| 8460030070 | SB 452 |

Use only authorized parts. Any damage or malfunction caused by the use of unauthorized parts is not covered by Warranty or Product Liability. Any unauthorized use or copying of the contents or any part thereof is prohibited. This applies in particular to trademarks, model denominations, part numbers, and drawings.

Instructions for use

This spare parts list contains no safety regulations and is merely intended to assist in the ordering of spare parts.

For information about operating, servicing, or repairing, the relevant Safety and operating instructions must be consulted at all costs.

Please observe the safety instructions listed in the relevant Safety and operating instructions!

Service, repair, and wear part kits

Label kit 1
Seal kit 3
Lower hammer part kit 5
Accumulator repair kit 7

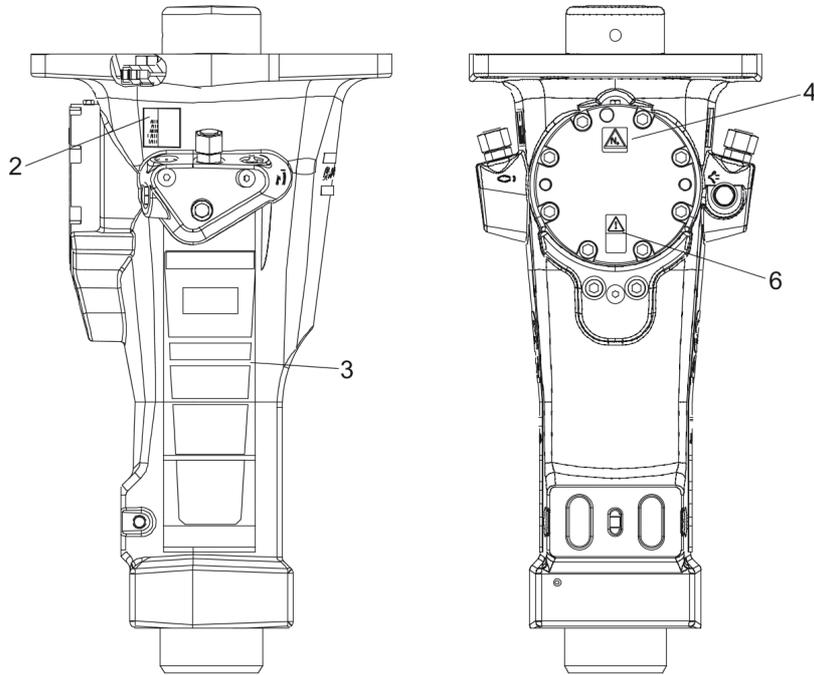
Mechanical

Hydraulic breaker 9
HATCON (Horizontal) 12
Tightening torque 15
Dimensions (mm) 17

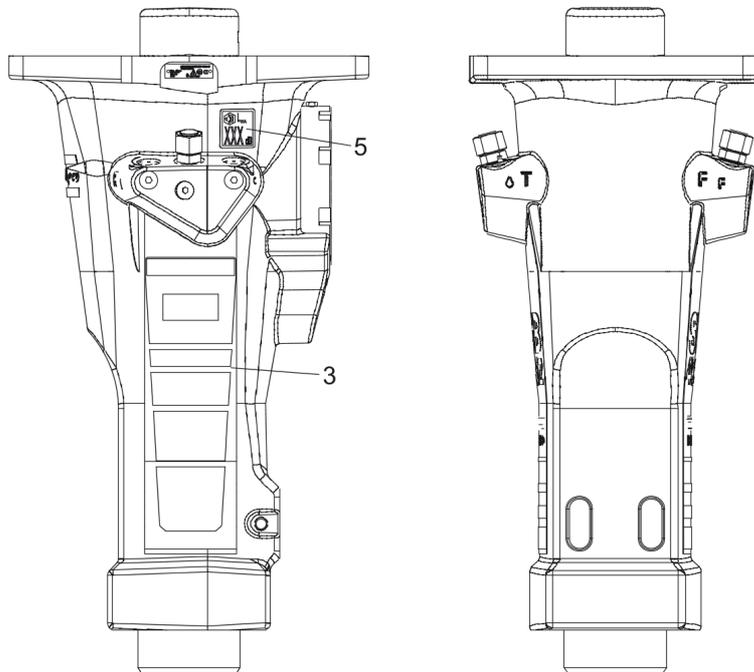
Options/accessories

Retrofit 18
Working tools ClassicLine 21
Working tools ProLine 23
Optional equipment 25
Hydraulic hoses 27
Optional parts - Bushing oversize, complete 29
Optional parts - Restrictor, complete 31

Service, repair, and wear part kits Label kit

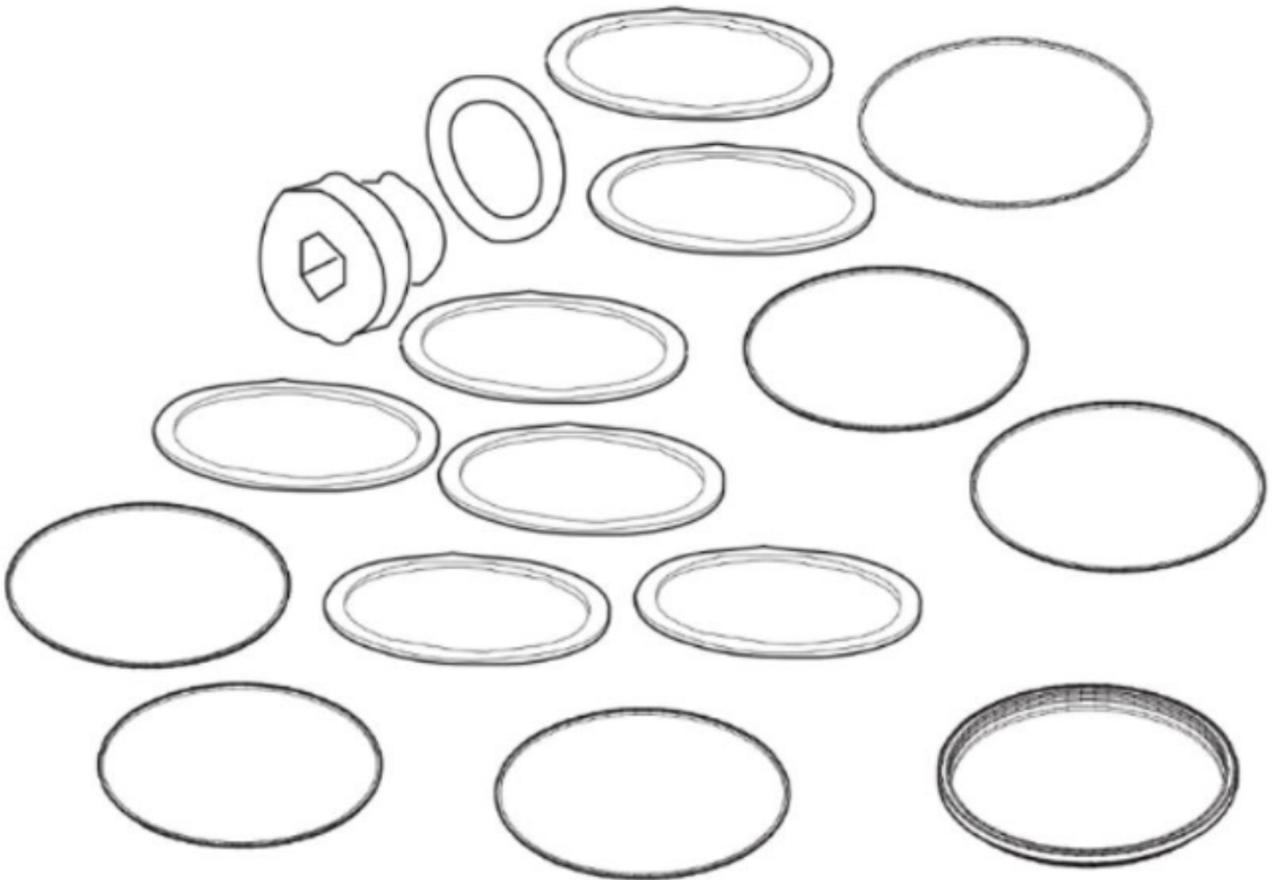


| | | | | | |
|---|---|---|---|---|--|
| 1 | | | | | |
| 2 | 3 | 4 | 5 | 6 | |



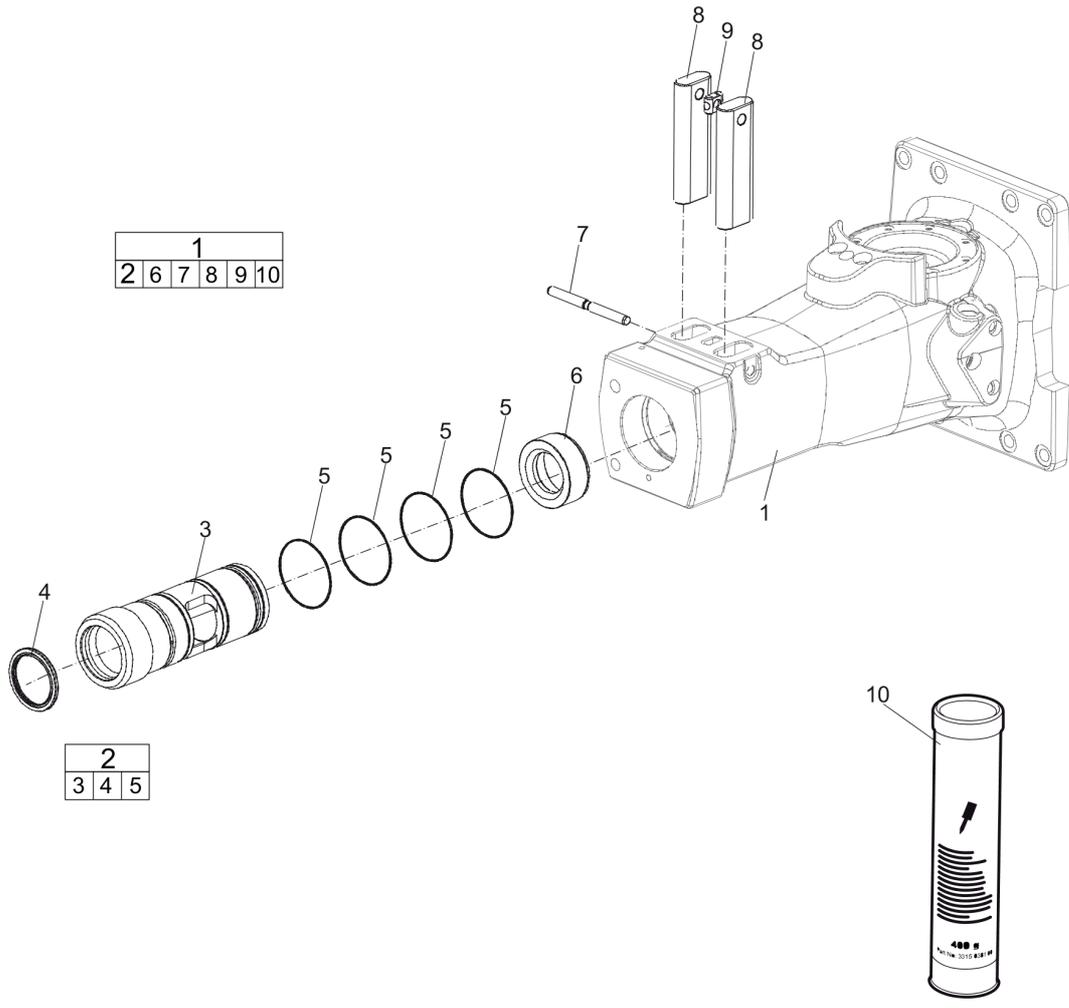
| Item | Part No. | Name | Qty | L |
|------|------------|------------------------|-----|---|
| 1 | 3315312791 | Label kit | 1 | |
| 2 | -- | AEM sign | 1 | |
| 3 | -- | Product label "SB 452" | 2 | |
| 4 | -- | Safety label | 1 | |
| 5 | -- | Sound power label | 1 | |
| 6 | -- | Safety label | 1 | |

Service, repair, and wear part kits Seal kit



| Item | Part No. | Name | Qty | L |
|-------|------------|---|-----|---|
| 1 | 3315312790 | Seal kit | 1 | |
| 5 | 0663714700 | O-RING | 4 | |
| 21 | 3115329002 | SEAL RING | 1 | |
| 22 | 0663212000 | O-RING | 1 | |
| 25 | 0663211400 | O-RING | 1 | |
| 28,38 | 0663212141 | O-RING | 1 | |
| 29,37 | 0663210421 | O-RING | 1 | |
| 30 | 0661200401 | BACK-UP RING | 1 | |
| 32 | 0664000004 | SEAL RING | 2 | |
| 34 | 0663210217 | O-RING | 2 | |
| 42 | 3315336700 | PLUG | 1 | |
| 44 | 0663211491 | O-ring, 47.29 x 2.62 mm Polyuretan, 1.86 x 0.10 in. | 1 | |
| 45 | 0663990026 | Seal ring, 51.3 x 54.3 x 3 mm, 2.02 x 2.14 x 0.12 in. | 2 | |
| 47 | 0665090014 | SEAL RING | 4 | |
| 48 | 0665909964 | Wiper | 1 | |
| 49 | 0665070147 | Piston rod seal | 1 | |
| 51 | 0663990032 | Seal ring | 9 | |
| 53 | 0665070148 | Piston rod seal | 1 | |
| 54 | 0663210417 | O-ring, 145.72 x 2.62 mm , 5.7 x 0.10 in. (70 shore) | 1 | |
| 58 | 3315280800 | VALVE RUBBER | 1 | |

Service, repair, and wear part kits Lower hammer part kit



| | | | | | |
|---|---|---|---|---|----|
| 1 | | | | | |
| 2 | 6 | 7 | 8 | 9 | 10 |

| | | |
|---|---|---|
| 2 | | |
| 3 | 4 | 5 |

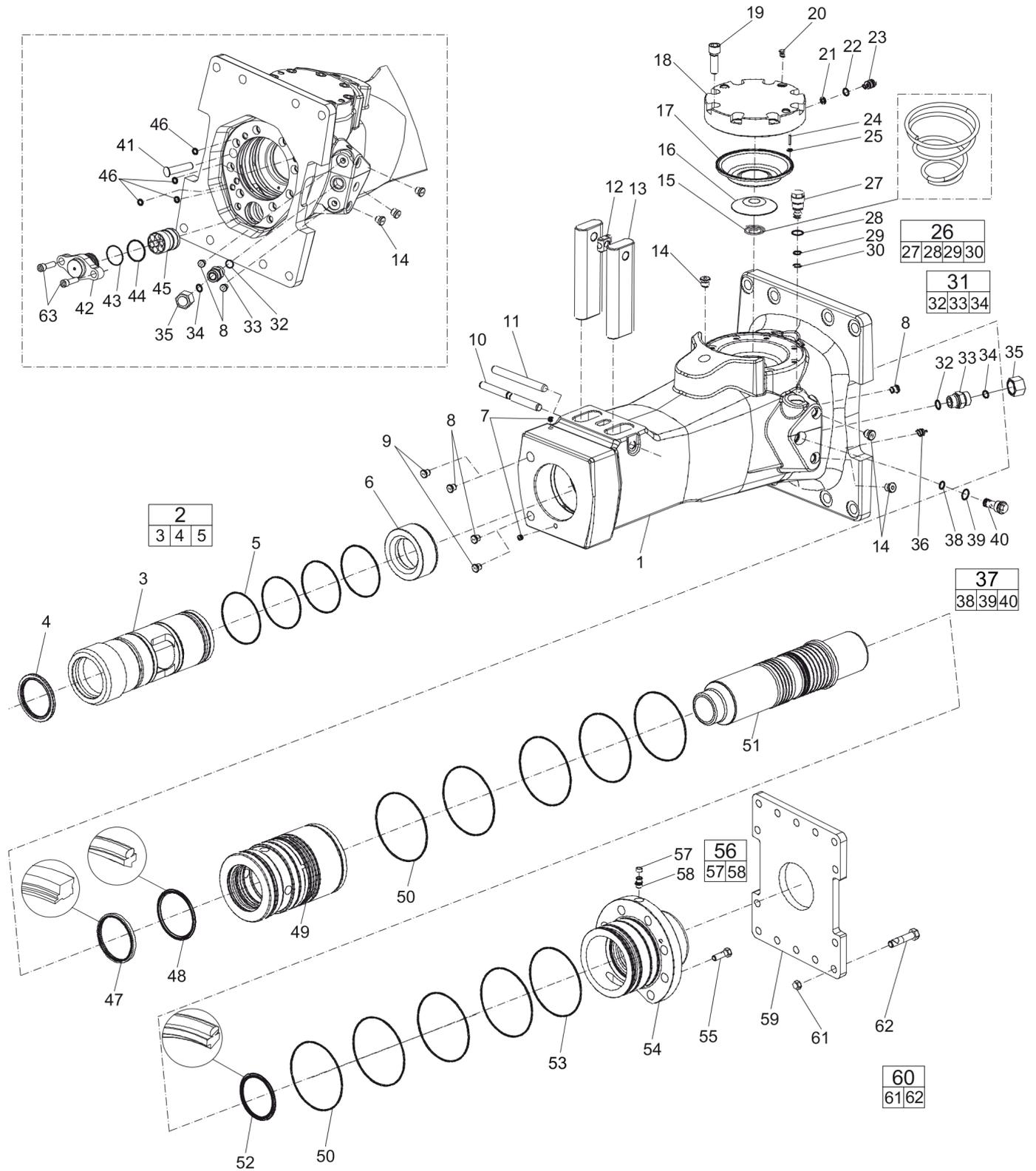
| Item | Part No. | Name | Qty | L |
|------|------------|---|-----|---|
| 1 | 3315312490 | Lower hammer part kit | 1 | |
| 2 | 3315312480 | Bushing standard, complete | 1 | |
| 3 | --- | Bushing | 1 | |
| 4 | 3315353600 | Scraper ring | 1 | |
| 5 | 0663714700 | O-RING | 4 | |
| 6 | 3315312300 | Stop ring | 1 | |
| 7 | 3315155800 | Lock pin | 1 | |
| 8 | 3315155700 | Tool retainer | 2 | |
| 9 | 3315141900 | LOCK BUFFER | 1 | |
| 10 | -- | Chisel paste cartridge, 400 g (0.88 lb) | 1 | |

Service, repair, and wear part kits Accumulator repair kit

NO EXPLODED VIEW
AVAILABLE
FOR THIS BOM

| Item | Part No. | Name | Qty | L |
|------|------------|--|-----|---|
| 1 | 3315303190 | Accumulator repair kit | 1 | |
| - | 3315303500 | COIL SPRING | 1 | |
| - | 3315303201 | Diaphragm support | 1 | |
| - | 3315416300 | Diaphragm | 1 | |
| - | 0211196544 | Hexagon socket screw M16 x 50 mm Screw with extra high fatigue strength. | 8 | |
| - | 0686371805 | PLUG | 1 | |
| - | 3115329002 | SEAL RING | 1 | |
| - | 0663212000 | O-RING | 1 | |
| - | 3315366000 | VALVE | 1 | |
| - | 0101414000 | PIN | 1 | |
| - | 0663211400 | O-RING | 1 | |

Mechanical Hydraulic breaker



Refer to the DocMine web page for most up-to-date information. The printed information might be outdated.
Thu Apr 23 11:58:58 UTC 2020

| Item | Part No. | Name | Qty | L |
|------|------------|--|-----|---|
| 1 | - | Breaker body | 1 | |
| 2 | 3315312480 | Bushing standard, complete | 1 | A |
| 3 | - | Bushing, Ø129 mm, Ø5.08 in. | 1 | |
| 4 | 3315353600 | Scraper ring | 1 | |
| 5 | 0663714700 | O-RING | 4 | |
| 6 | 3315312300 | Stop ring | 1 | |
| 7 | - | PLUG | 2 | |
| 8 | 0686644207 | PLUG | 5 | B |
| 9 | 3315395200 | Water Nossle | 2 | |
| 10 | 3315155800 | Lock pin | 1 | |
| 11 | 0108169129 | Spring pin, option, 16 x 180 mm, 0.63 x 7.09 in. | 1 | |
| 12 | 3315141900 | LOCK BUFFER | 1 | |
| 13 | 3315155700 | Tool retainer | 2 | |
| 14 | 0686371801 | PLUG | 6 | C |
| 15 | 3315303500 | COIL SPRING | 1 | |
| 16 | 3315303201 | Diaphragm support | 1 | |
| 17 | 3315416300 | Diaphragm | 1 | |
| 18 | 3315303100 | Diaphragm cover | 1 | |
| 19 | 0211196544 | Hexagon socket screw M16 x 50 mm Screw with extra high fatigue strength. | 8 | D |
| 20 | 0686371805 | PLUG | 1 | E |
| 21 | 3115329002 | SEAL RING | 1 | |
| 22 | 0663212000 | O-RING | 1 | |
| 23 | 3315366000 | VALVE | 1 | |
| 24 | 0101414000 | PIN | 1 | |
| 25 | 0663211400 | O-RING | 1 | |
| 26 | 3315365800 | PRESS.REL.VALVE | 1 | |
| 27 | - | Pressure relief valve | 1 | |
| 28 | 0663212141 | O-RING | 1 | |
| 29 | 0663210421 | O-RING | 1 | |
| 30 | 0661200401 | BACK-UP RING | 1 | |
| 31 | 0580001845 | Nipple, complete | 1 | F |
| 32 | 0664000004 | SEAL RING | 1 | |
| 33 | - | NIPPLE | 1 | |
| 34 | 0663210217 | O-RING | | |
| 35 | 3361353486 | Cap | 2 | |
| 36 | 0544215300 | GREASE NIPPLE | 1 | |
| 37 | 3315369653 | Restrictor, complete | 1 | G |

Refer to the DocMine web page for most up-to-date information. The printed information might be outdated.

Thu Apr 23 11:58:58 UTC 2020

| Item | Part No. | Name | Qty | L |
|------|------------|---|-----|---|
| 38 | 0663210421 | O-RING | 1 | |
| 39 | 0663212141 | O-RING | 1 | |
| 40 | - | Restrictor, standard, Ø7.5 mm, Ø0.30 in. | 1 | |
| 41 | 3315336700 | PLUG | 1 | |
| 42 | 3315362820 | Valve cover | 1 | |
| 43 | 0663211491 | O-ring, 47.29 x 2.62 mm Polyuretan, 1.86 x 0.10 in. | 1 | |
| 44 | 0663990026 | Seal ring, 51.3 x 54.3 x 3 mm, 2.02 x 2.14 x 0.12 in. | 2 | |
| 45 | 3315312100 | Control valve | 1 | |
| 46 | 0665090014 | SEAL RING | 4 | |
| 47 | 0665909964 | Wiper | 1 | |
| 48 | 0665070147 | Piston rod seal | 1 | |
| 49 | 3315312000 | Liner | 1 | |
| 50 | 0663990032 | Seal ring | 9 | |
| 51 | 3315311900 | Piston | 1 | |
| 52 | 0665070148 | Piston rod seal | 1 | |
| 53 | 0663210417 | O-ring, 145.72 x 2.62 mm , 5.7 x 0.10 in. (70 shore) | 1 | |
| 54 | 3315312600 | Back head | 1 | |
| 55 | 0147155503 | SCREW, HEX HEAD | 8 | |
| 56 | 3315244881 | CHECK VALVE | 1 | |
| 57 | 3315280800 | VALVE RUBBER | 1 | |
| 58 | - | CHECK VALVE | 1 | |
| 59 | 3315307700 | Base plate | 1 | |
| 60 | 3315323890 | Set of eight screws, complete | 1 | |
| 61 | - | Nut, M20 | 8 | |
| 62 | - | Screw, M20 x 90 mm | 8 | |
| 63 | 0211110467 | Screw, M20 x 75 mm | 2 | |

Comments for Page: Hydraulic breaker

(L)OCAL REMARKS

A | For oversize bushings, see section "Bushing oversize, complete".

B | VSTI G 1/4 - ED

C | VSTI G 3/8- ED

D | Screw with extra high fatigue strength.

E | VSTI R 1/8- ED

F | There are two "Nipple, complete" on the machine.

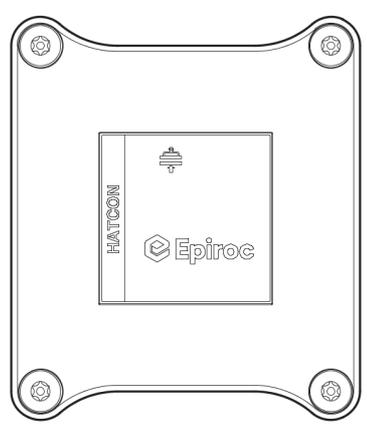
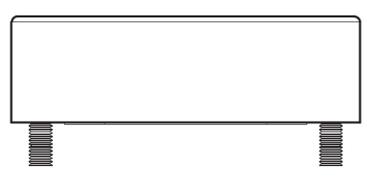
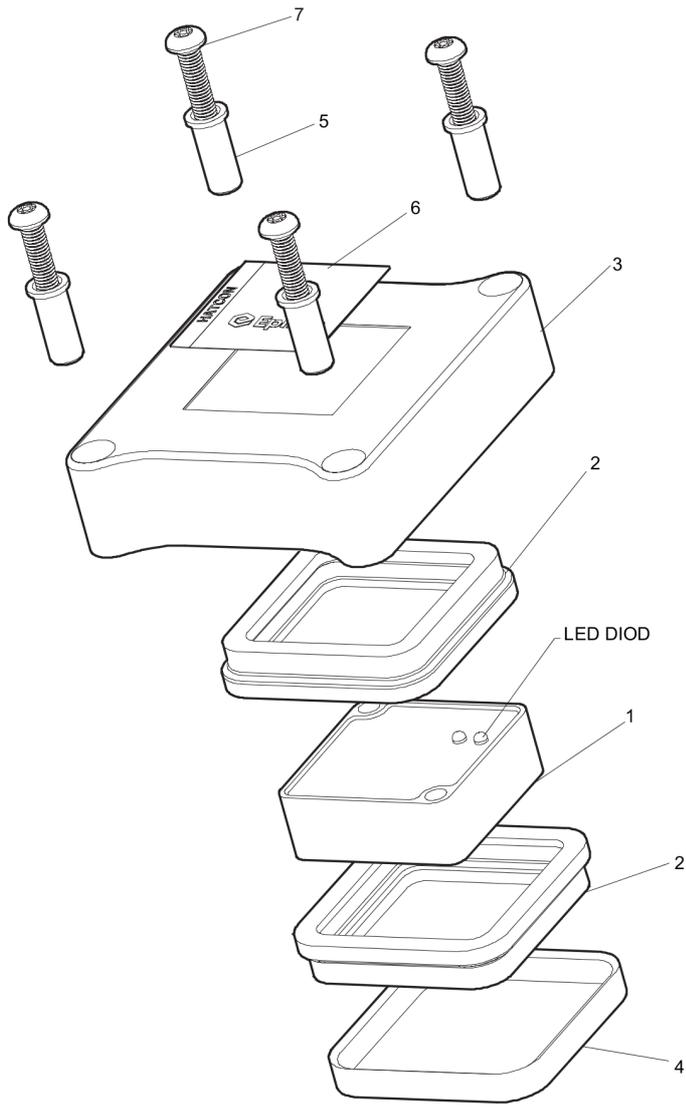
G | For more restrictors, see section "Restrictors, complete".

Refer to the DocMine web page for most up-to-date information. The printed information might be outdated.

Thu Apr 23 11:58:58 UTC 2020

This page intentionally left blank

Mechanical HATCON (Horizontal)

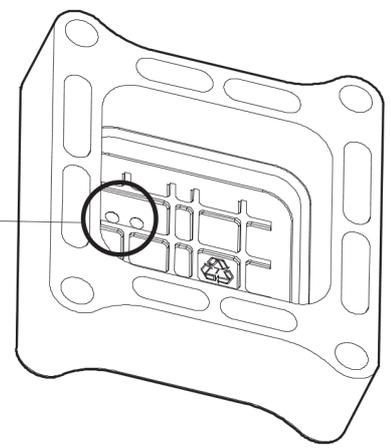


DETAIL A



Horizontal mounted.
Match diods on POS.1 to
match the recess marked H on POS .3

SEE DETAIL A

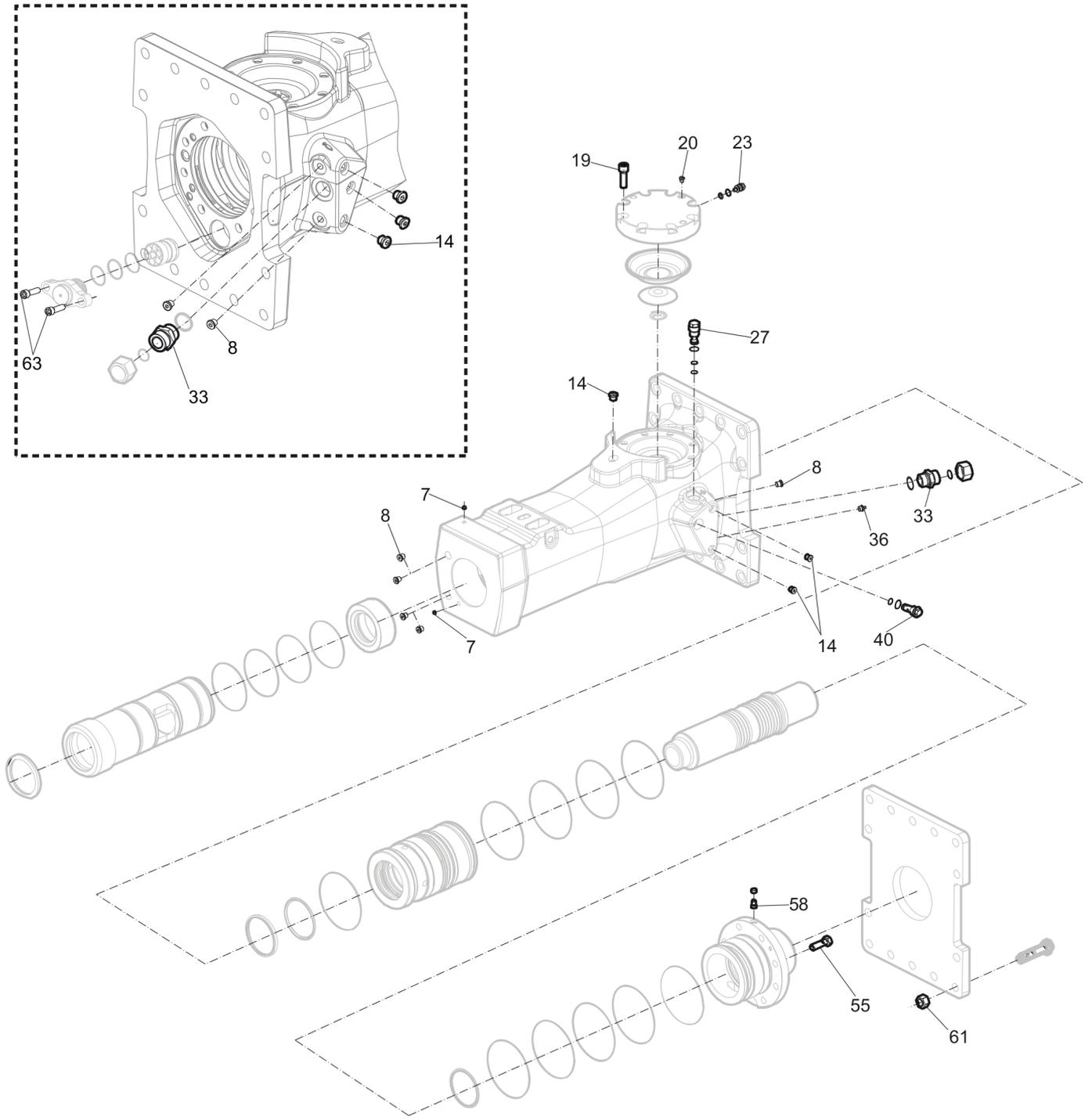


| Item | Part No. | Name | Qty | L |
|------|------------|------------------------|-----|---|
| 1 | | Tracking module HATCON | 1 | |
| 2 | 3315439130 | Damper HATCON | 2 | |
| 3 | 3315439118 | Housing type 4 HATCON | 1 | |
| 4 | 3315439140 | Lock ring HATCON | 1 | |
| 5 | 3315439120 | Sleeve HATCON | 4 | |
| 6 | 3315439100 | Product label HATCON | 1 | |
| 7 | 3315442600 | Screw HATCON | 4 | |

Refer to the DocMine web page for most up-to-date information. The printed information might be outdated.

Thu Apr 23 11:58:59 UTC 2020

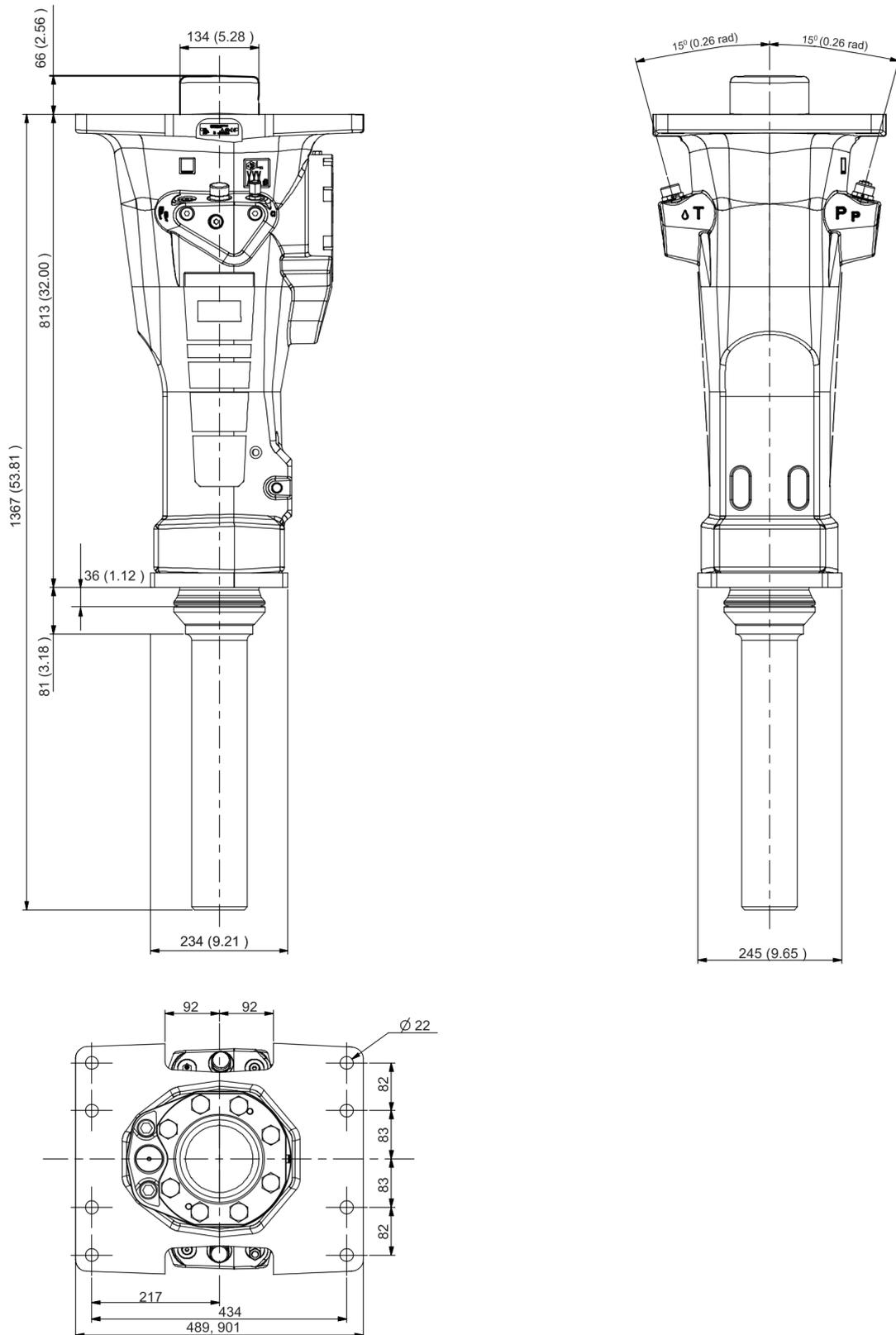
Mechanical Tightening torque



Refer to the DocMine web page for most up-to-date information. The printed information might be outdated.
Thu Apr 23 11:58:59 UTC 2020

| Item | Part No. | Name | Qty | L |
|------|----------|--|-----|---|
| 8 | - | Plug - 30 Nm, use LOCTITE® 243™ | - | |
| 14 | - | Plug - 80 Nm, use LOCTITE® 243™ | - | |
| 19 | - | Hexagon socket screw - 300 Nm, use Molykote® | - | |
| 20 | - | Plug - 20 Nm | - | |
| 23 | - | Charge valve - 27 Nm | - | |
| 27 | - | Pressure relief valve - 80 Nm | - | |
| 33 | - | Nipple - 210 Nm | - | |
| 36 | - | Grease nipple - 30 Nm | - | |
| 40 | - | Restrictor standard - 80 Nm | - | |
| 55 | - | Hexagon head screw - 315 Nm, use Molykote® | - | |
| 58 | - | Check valve - 30 Nm, use LOCTITE® 243™ | - | |
| 61 | - | Nut - 400 Nm, use Molykote® | - | |
| 63 | - | Screw-615 Nm, use Molykote® | - | |

Mechanical Dimensions (mm)

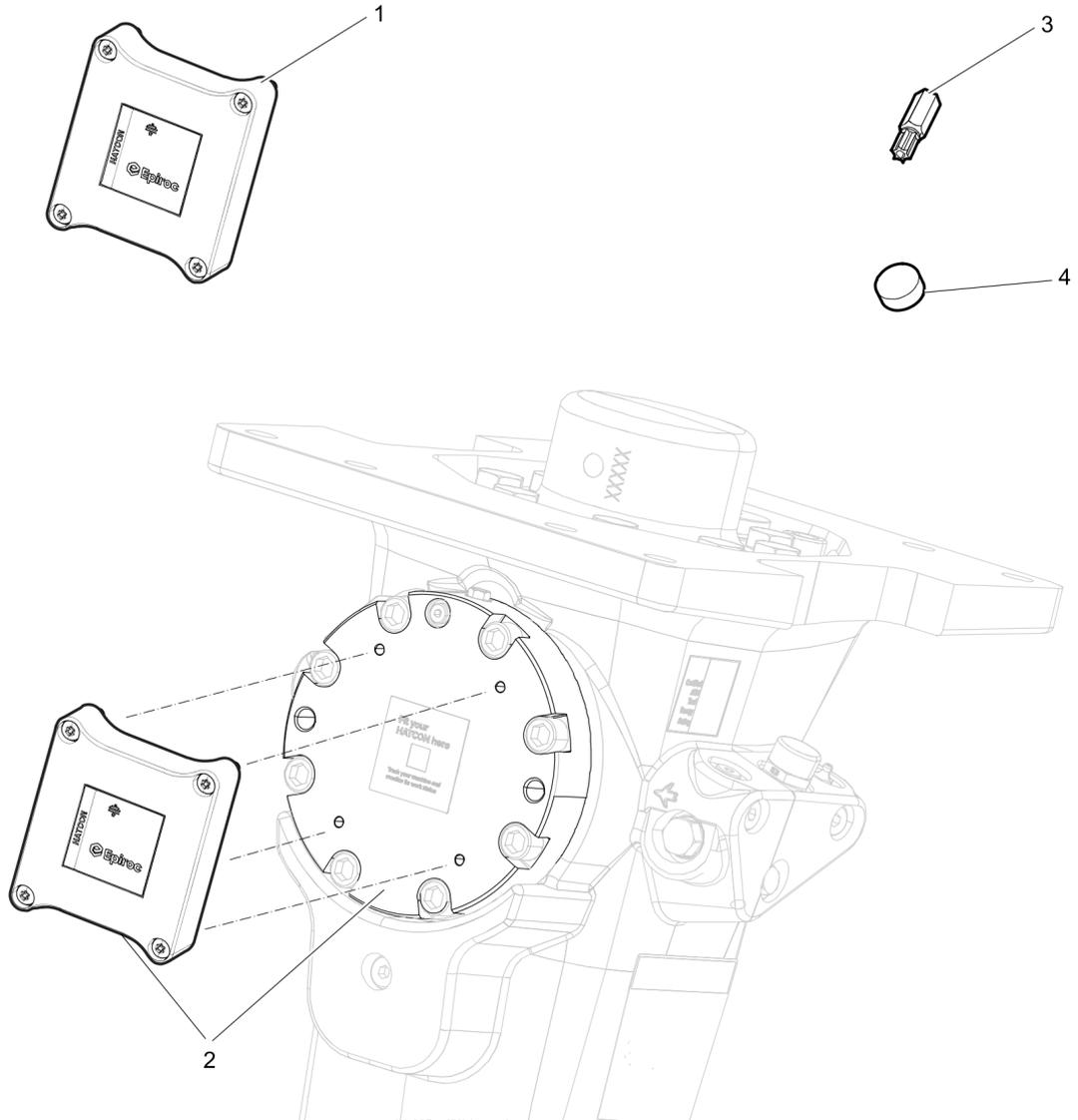


Refer to the DocMine web page for most up-to-date information. The printed information might be outdated.

Thu Apr 23 11:58:59 UTC 2020

This page intentionally left blank

Options/accessories Retrofit



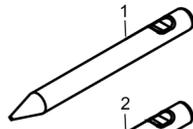
| Item | Part No. | Name | Qty | L |
|------|------------|-------------------------------|-----|---|
| 1 | 3315442504 | Retrofit kit | 1 | A |
| 2 | 3315442515 | Retrofit kit with accumulator | 1 | B |
| 3 | 3315439105 | Security bit HATCON | 1 | |
| 4 | 3315439106 | Magnet HATCON | 1 | |

Comments for Page: Retrofit

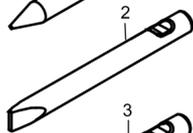
A | Valid from BES124661

B | Valid before BES124660

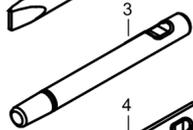
Options/accessories Working tools ClassicLine



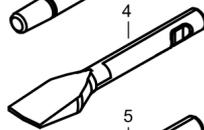
L=465 mm, LT=840 mm, Wt=40 kg
L=18.3 inch, LT=33.1 inch, Wt=88 lb



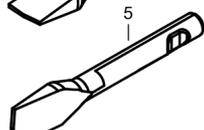
W=95 mm, L=465 mm, LT=840 mm, Wt=43 kg
W=3.7 inch, L=18.3 inch, LT=33.1 inch, Wt=95 lb



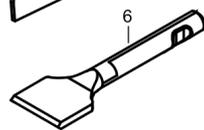
L=465 mm, LT=840 mm, Wt=40 kg
L=18.3 inch, LT=33.1 inch, Wt=88 lb



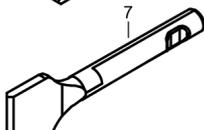
W=180 mm, L=425 mm, LT=800 mm, Wt=40 kg
W=7 inch, L=16.7 inch, LT=31.5 inch, Wt=88 lb



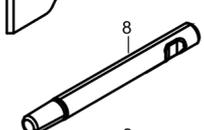
W=180 mm, L=425 mm, LT=800 mm, Wt=40 kg
W=7 inch, L=16.7 inch, LT=31.5 inch, Wt=88 lb



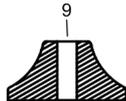
W=200 mm, L=435 mm, LT=850 mm, Wt=39 kg
W=7.9 inch, L=17.1 inch, LT=33.5 inch, Wt=86 lb



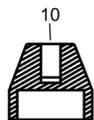
W=200 mm, L= 435 mm, LT=850 mm, Wt=39 kg
W=7.9 inch, L=17.1 inch, LT=33.5 inch, Wt=86 lb



LT= 840 mm, Wt= 37 kg
LT=33.07 inch, Wt=82 lb



W=Ø400 mm, , Wt= 80 kg
W=Ø15.75 inch, Wt= 176 kg



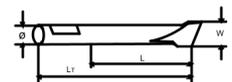
W=Ø200 mm, Wt= 33 kg
W=Ø7.87 inch, Wt= 73 lb



W= Ø150 mm, Wt=26 kg
W=Ø5.90 inch, Wt= 57 lb

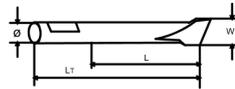
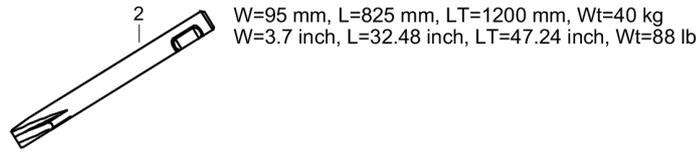
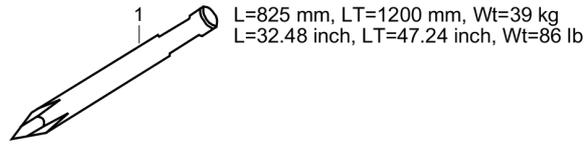


W=Ø190 mm, Wt=30 kg
W=Ø7.48 inch, Wt= 66 lb



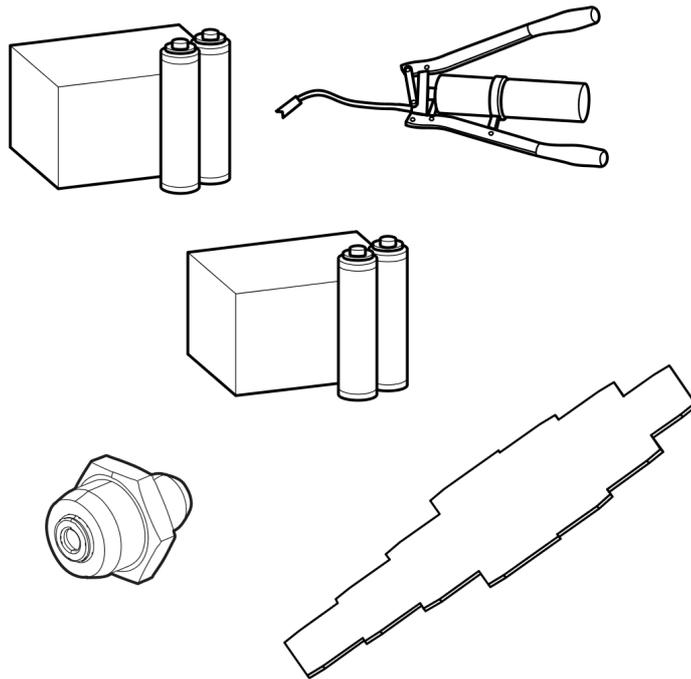
| Item | Part No. | Name | Qty | L |
|------|------------|---------------------------|-----|---|
| 1 | 3083317700 | Moil point | 1 | |
| 2 | 3083317800 | Chisel (cross) | 1 | |
| 3 | 3083318800 | Blunt tool | 1 | |
| 4 | 3083317900 | Wide chisel | 1 | |
| 5 | 3083340936 | Wide chisel | 1 | |
| 6 | 3083319801 | Asphalt cutter (cross) | 1 | |
| 7 | 3083319800 | Asphalt cutter (parallel) | 1 | |
| 8 | 3315370405 | Shaft | 1 | |
| 9 | 3315371200 | Tamping pad (square) | 1 | |
| 10 | 3315372000 | Post driver pad (round) | 1 | |
| 11 | 3315372600 | Pile driver pad (round) | 1 | |
| 12 | 3315373200 | Bushing pad (round) | 1 | |

Options/accessories Working tools ProLine



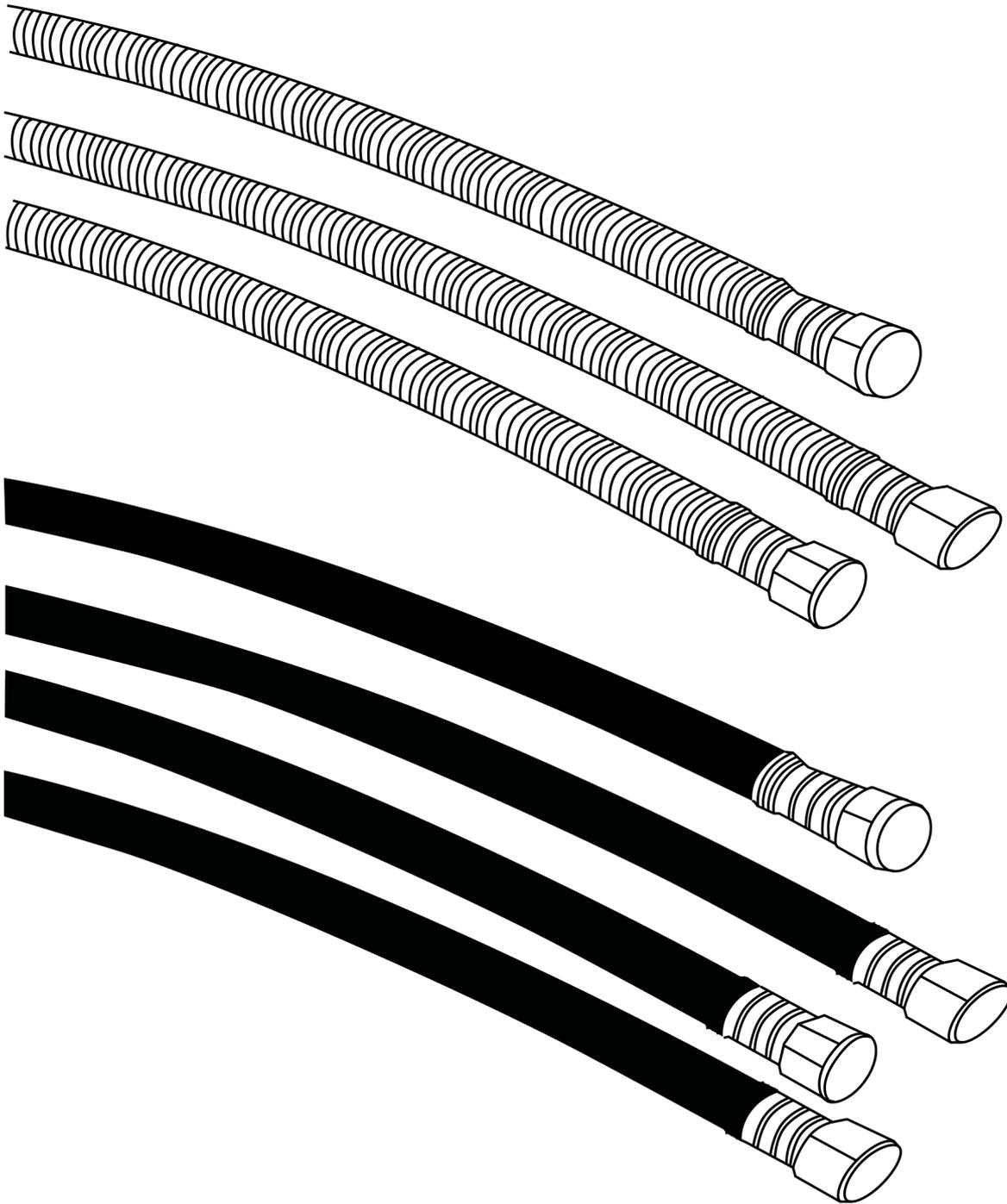
| Item | Part No. | Name | Qty | L |
|------|------------|------------------------|-----|---|
| 1 | 3363120267 | Moil point (X-profile) | 1 | |
| 2 | 3363120268 | Chisel (X-profile) | 1 | |

Options/accessories Optional equipment



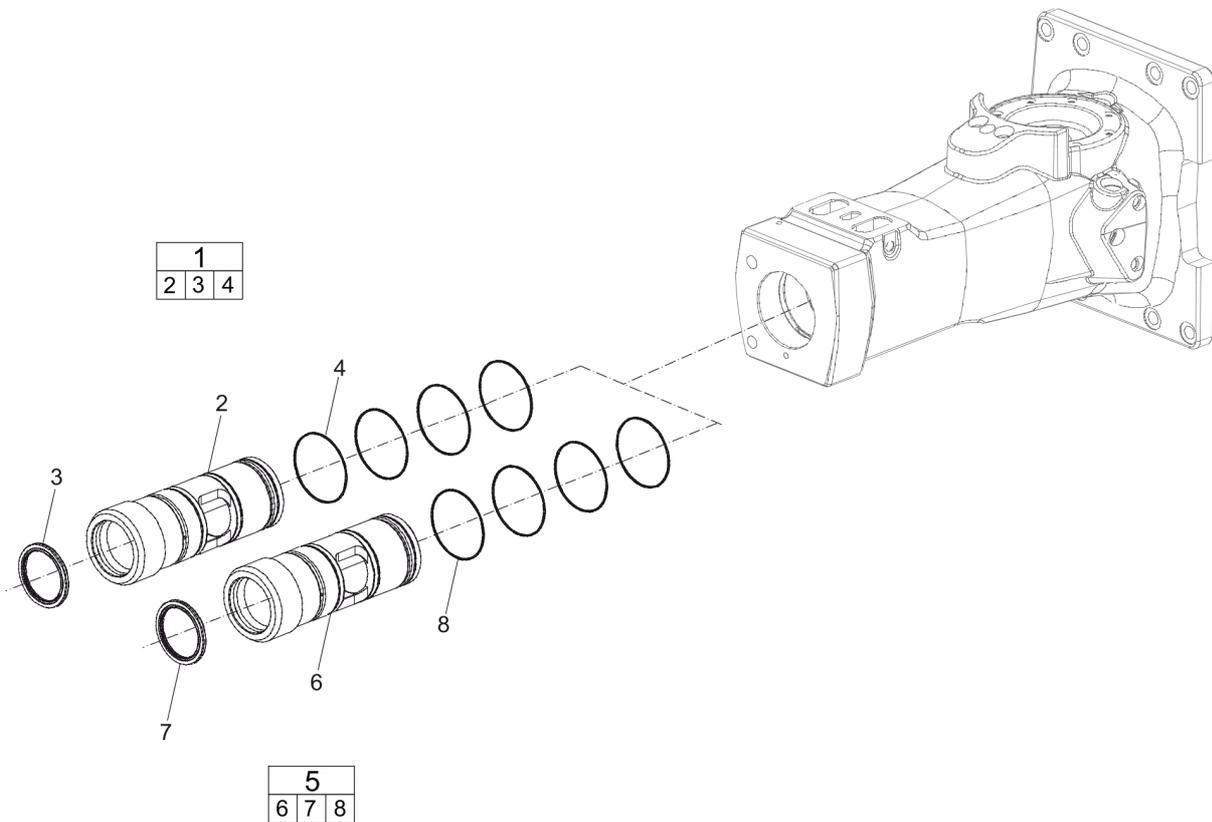
| Item | Part No. | Name | Qty | L |
|------|------------|--|-----|---|
| - | 0909107100 | LUBRICAT.GUN | 1 | |
| - | 3363122355 | BIO Chisel paste cartridge for grease gun, 12 x 400 g (0.88 lbs) | 1 | |
| - | 3363122357 | BIO Chisel paste container (15 kg) | 1 | |
| - | 3363122358 | BIO Chisel paste container (45 kg) | 1 | |
| - | 3360920415 | Filling device for accumulator | 1 | |
| - | 3363094459 | Nipple, for charging the accumulator | 1 | |
| - | 3361329803 | Filling hose for charging the accumulator | 1 | |
| - | 3315353100 | Bushing wear controller | 1 | |

Options/accessories Hydraulic hoses



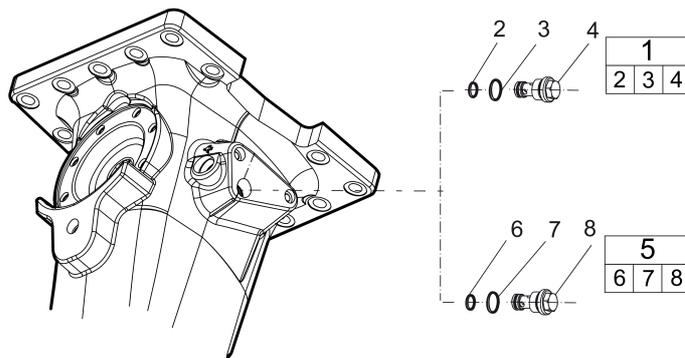
| Item | Part No. | Name | Qty | L |
|-----------|------------|---|-----|---|
| Not Shown | - | Heavy duty connection hoses | - | |
| - | 3360995717 | Hose, both ends 18 L(M26 x 1.5) length 1500 mm | 2 | |
| - | 3362235159 | Hose, both ends 18 L(M26 x 1.5) length 2000 mm | 2 | |
| - | 3363083313 | Hose, both ends 18 L(M26 x 1.5) length 2400 mm | 2 | |
| - | 3363115426 | Hose, both ends 18 L(M26x1.5) length 1750 mm | 2 | |
| Not Shown | - | Standard connection hoses | - | |
| - | 3363491002 | Hose, both ends 18 L(M26x1.5) length 1500 mm | 2 | |
| - | 3363115423 | Hose, both ends 18 L(M26x1.5) length 1750 mm | 2 | |
| - | 3363115424 | Hose, both ends 18 L(M26x1.5) length 2000 mm | 2 | |
| - | 3363115425 | Hose, both ends 18 L(M26x1.5) length 2400 mm | 2 | |
| - | 3363098019 | Additional fitting kit(needed to fit two hoses to the hydraulic breaker) | 1 | |

Options/accessories Optional parts - Bushing oversize, complete



| Item | Part No. | Name | Qty | L |
|------|------------|---------------------------------------|-----|---|
| 1 | 3315312460 | Bushing oversize, complete | 1 | |
| 2 | -- | Bushing, Ø130.5 mm, Ø5.14 in. | 1 | |
| 3 | 3315353600 | Scraper ring | 1 | |
| 4 | 0663210823 | O-ring, 119.5 x 3 mm, 4.70 x 0.12 in. | 4 | |
| 5 | 3315312463 | Bushing oversize, complete | 1 | |
| 6 | -- | Bushing, Ø132 mm, Ø5.20 in. | 1 | |
| 7 | 3315353600 | Scraper ring | 1 | |
| 8 | 0663210823 | O-ring, 119.5 x 3 mm, 4.70 x 0.12 in. | 4 | |

Options/accessories Optional parts - Restrictor, complete



| Item | Part No. | Name | Qty | L |
|------|------------|--------------------------------|-----|---|
| 1 | 3315369635 | Restrictor, complete | 1 | |
| 2 | 0663210421 | O-RING | 1 | |
| 3 | 0663212141 | O-RING | 1 | |
| 4 | - | Restrictor, Ø6.0 mm, Ø0.24 in. | 1 | |
| 5 | 3315369645 | Restrictor, complete | 1 | |
| 6 | 0663210421 | O-RING | 1 | |
| 7 | 0663212141 | O-RING | 1 | |
| 8 | - | Restrictor, Ø6.7 mm, Ø0.26 in. | 1 | |

Any unauthorized use or copying of the contents or any part thereof is prohibited.
This applies in particular to trademarks, model denominations, part numbers, and drawings.