

MTB Shock Absorber

TTX22M

Spare Parts List

SPARE PARTS LIST - TTX22M

SAFETY PRECAUTIONS

Warning!

The shock absorber/front fork/steering damper is an important part of the vehicle and will affect the stability.

Warning!

After installing the Öhlins product, take a test ride at low speed to make sure your vehicle has maintained stability.

Warning!

Some of Öhlins products contain pressurized nitrogen gas (N₂). Do not open, service or modify pressurized products without proper education (approved Öhlins dealer/distributor) and proper tools.

Note!

Read and ensure you understand the information in this manual and other technical documents provided by Öhlins, before you use the product.

Note!

Öhlins Racing AB can not be held responsible for any damage to the shock absorber/front fork/steering damper, vehicle, other property or injury to persons, if the instructions for mounting, usage and maintenance are not obeyed.

Warning!

If the suspension makes an abnormal noise, or the function is irregular, or if you notice any leakage from the product, stop the vehicle immediately and return the product to an Öhlins Service Centre.

Warning!

The product warranty shall only apply if the product has been operated and maintained in accordance with recommendations in this manual. If you have any questions regarding usage, service, inspection and/or maintenance contact Öhlins.

Note!

When working with the Öhlins product, read the Vehicle Service Manual.

Warning!

This product was developed and designed exclusively for a specific vehicle model and shall only be installed on the intended vehicle model in its original condition as delivered from the vehicle manufacturer.

Contents

Figure 1 - Mounting hardware	3
Figure 2 - Knobs	4
Figure 3 - Shaft assembly	5
Figure 4 - Rebuild kit 18104-01	6
Figure 5 - End cap kit 18105-01	7
Figure 6 - O-ring kit 18103-02	8
Figure 7 - Spare parts - End eyes	9
Figure 8 - Spare parts - Cylinder heads	10
Figure 9 - Spare parts - Cylinder tubes	11
Figure 10 - Spare parts - Shafts	12
Figure 11 - Spare parts	13
Figure 12 - Spare parts - Protective plastic sleeve	13
Figure 13 - Spare parts - Spring clips and adjusters	14
Figure 14 - Spare parts - Compression valve	15
Figure 15 - Spare parts - Stop cap	16

SAFETY SYMBOLS

In this manual, mounting instructions and other technical documents, important information concerning safety is distinguished by the following symbols:



The Safety Alert Symbol means: Warning! Your safety is involved.

Warning!

The Warning Symbol means: Failure to follow warning instructions can result in severe or fatal injury to anyone working with, inspecting or using the shock absorber, or to bystanders.

Caution!

The Caution Symbol means: Special precautions must be taken to avoid damage to the shock absorber.

Note!

The Note Symbol indicates information that is important regarding procedures.

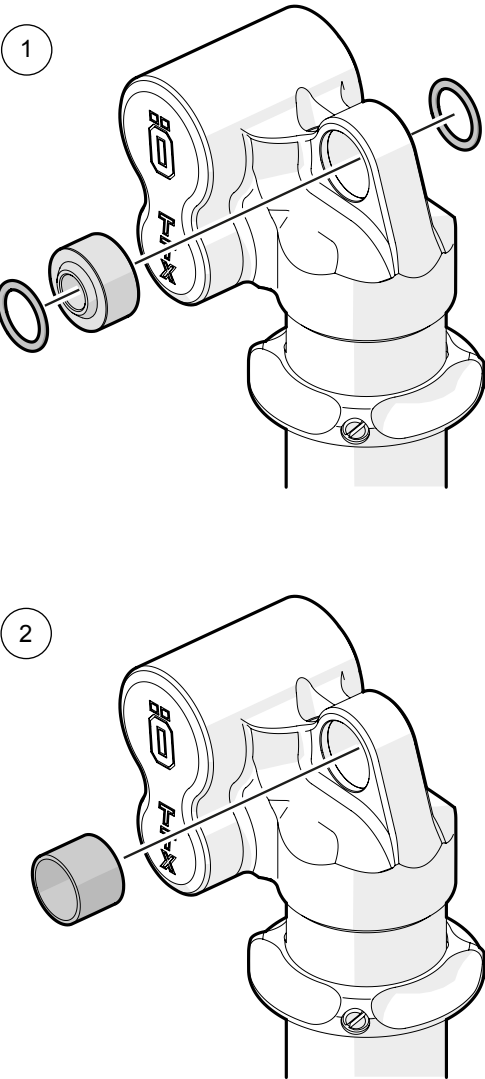
© Öhlins Racing AB. All rights reserved.

Any reprinting or unauthorized use without the written permission of Öhlins Racing AB is prohibited.

SPARE PARTS LIST - TTX22M

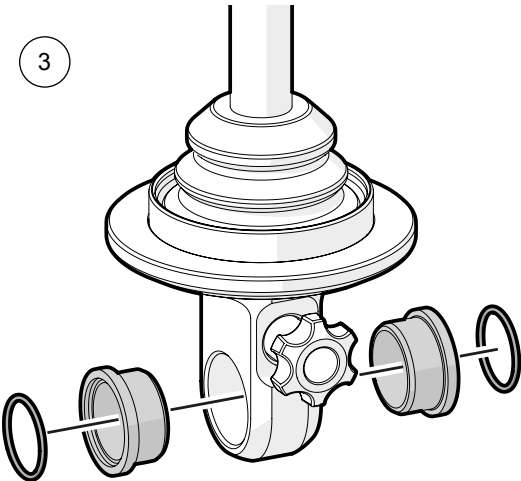
Figure 1 - Mounting hardware

Bushing options - Cylinder head and 16 mm end eyes



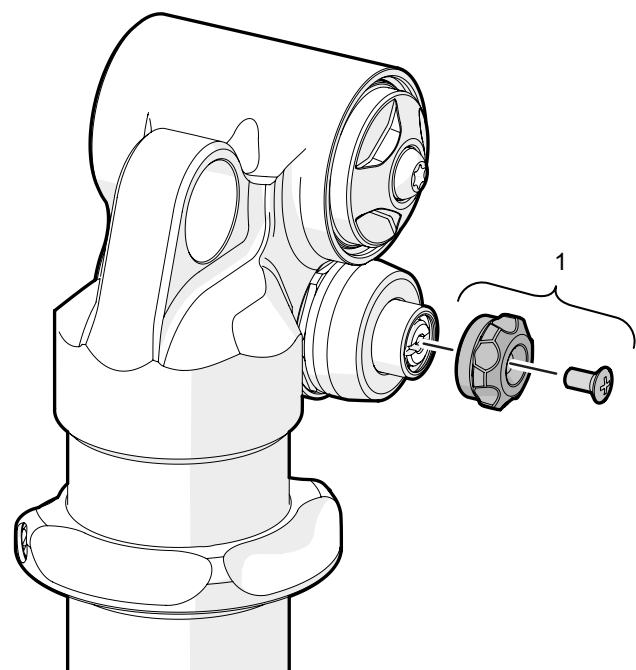
Pos	Part No	Description	Notes
1-1	18124-01	Ball joint kit	Only compatible with a limited number of legacy hardware sizes.
1-2	18123-01	DU bushing kit	For use with 14 mm legacy hardware.
1-3	18482-01	Igus bushing kit	For use with 18130-XX mounting hardware except for 18130-23 and 18130-24.

Bushing options - Gen2 15 mm end eye

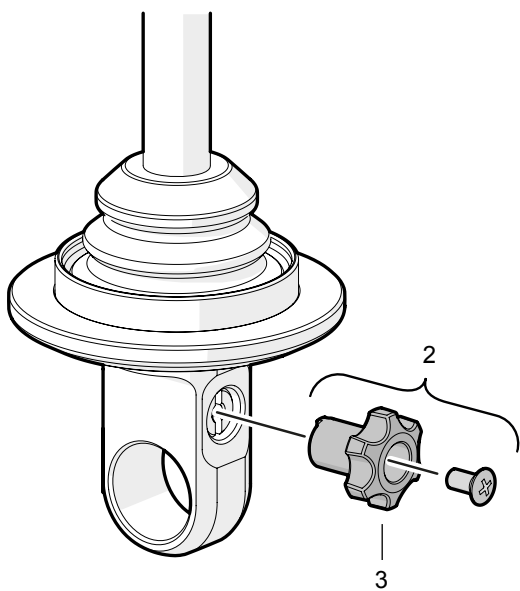


SPARE PARTS LIST - TTX22M

Figure 2 - Knobs

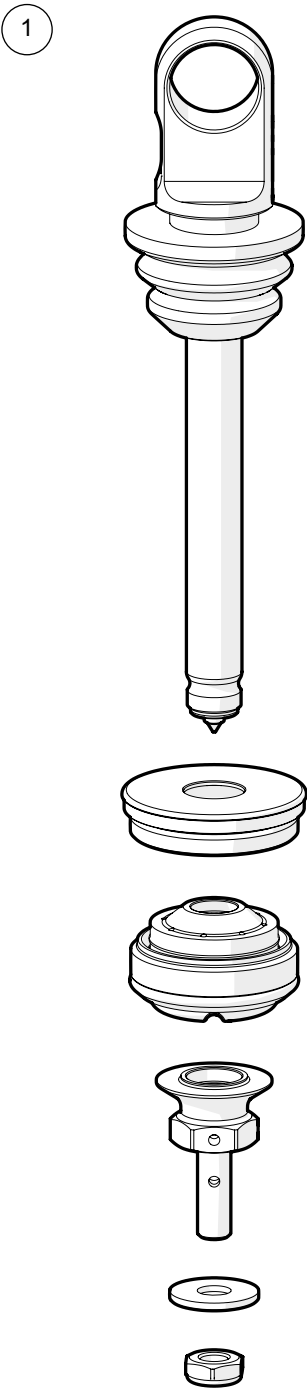


Pos	Part No	Description	Notes
2-1	18102-02	C/L knob with screw	
2-2	18102-01	Rebound knob with screw	
2-3	18040-01	Adjustment knob Rebound L25	
	18040-02	Adjustment knob Rebound L20	
	18040-03	Adjustment knob Rebound L15	
	18040-03	Adjustment knob Rebound L10.5	



SPARE PARTS LIST - TTX22M

Figure 3 - Shaft assembly



Pos	Part No	Pcs	Description	Notes
3-1	18107-04	1	Shaft assembly	MTB 1691/ MTB 1491
	18107-05	1	Shaft assembly	MTB 1692/ MTB 1492
	18107-06	1	Shaft assembly	MTB 1693/ MTB 1493
	18107-07	1	Shaft assembly	MTB 1694/ MTB 1494
	18107-08	1	Shaft assembly	MTB 1695/ MTB 1495
	18107-09	1	Shaft assembly	MTB 1696/ MTB 1496
	18107-10	1	Shaft assembly	MTB 1697/ MTB 1497
	18107-11	1	Shaft assembly	MTB 1698/ MTB 1498

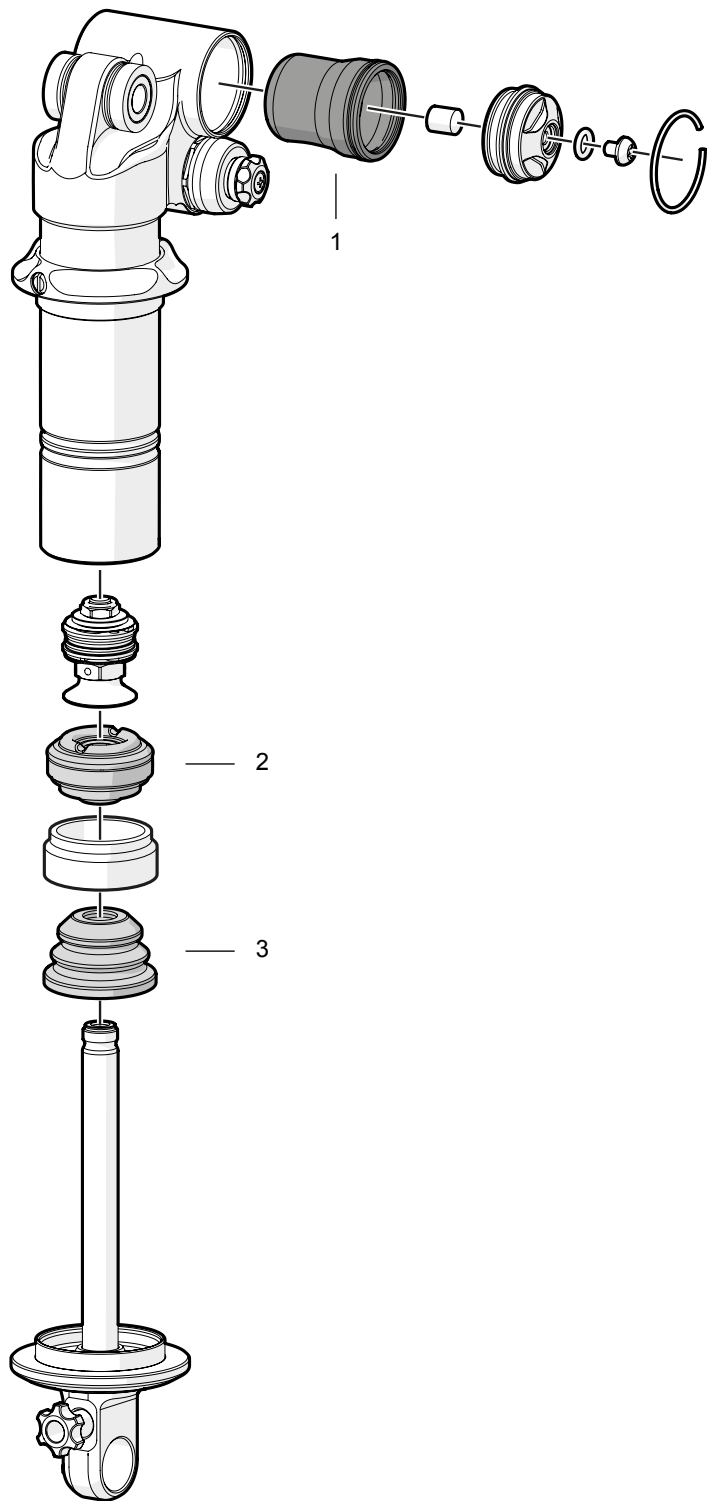
SPARE PARTS LIST - TTX22M

Figure 4 - Rebuild kit 18104-01

Note!

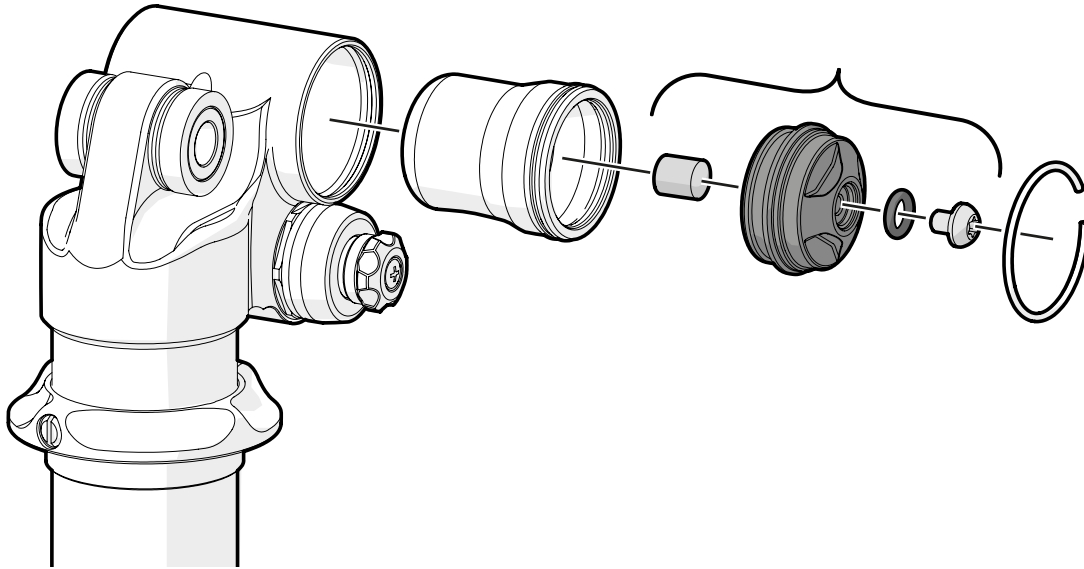
Fits all models.

Pos	Part No	Description	Notes
4-1	18023-02	Membrane	
4-2	18007-01	Seal head assy	
4-3	18053-01	Bump rubber	



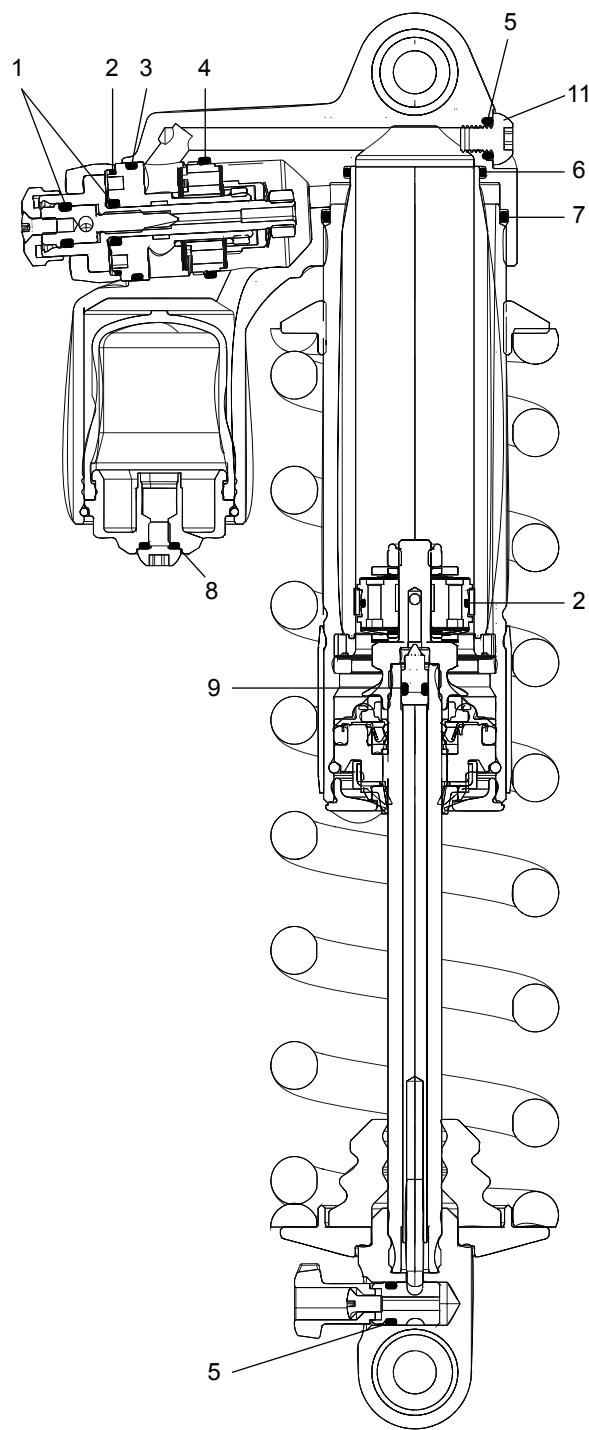
SPARE PARTS LIST - TTX22M

Figure 5 - End cap kit 18105-01

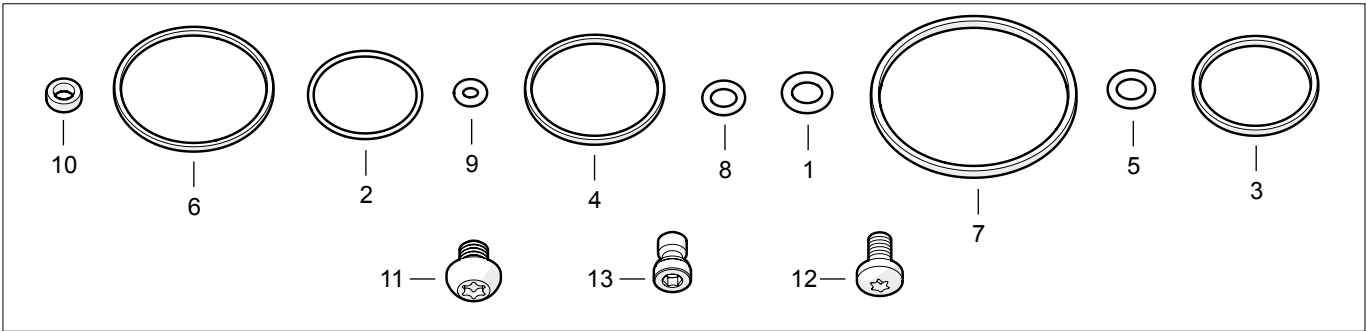
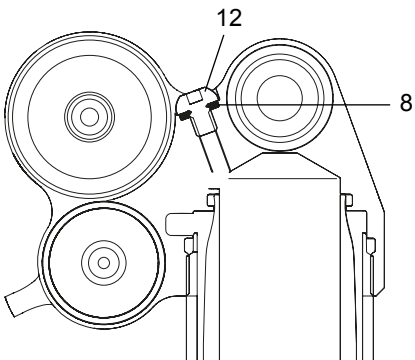
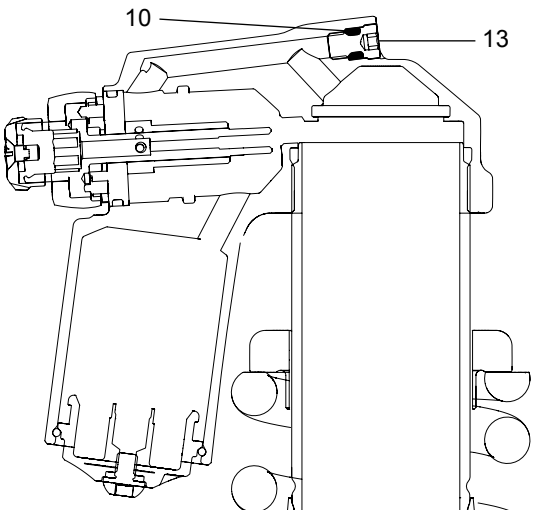


SPARE PARTS LIST - TTX22M

Figure 6 - O-ring kit 18103-02

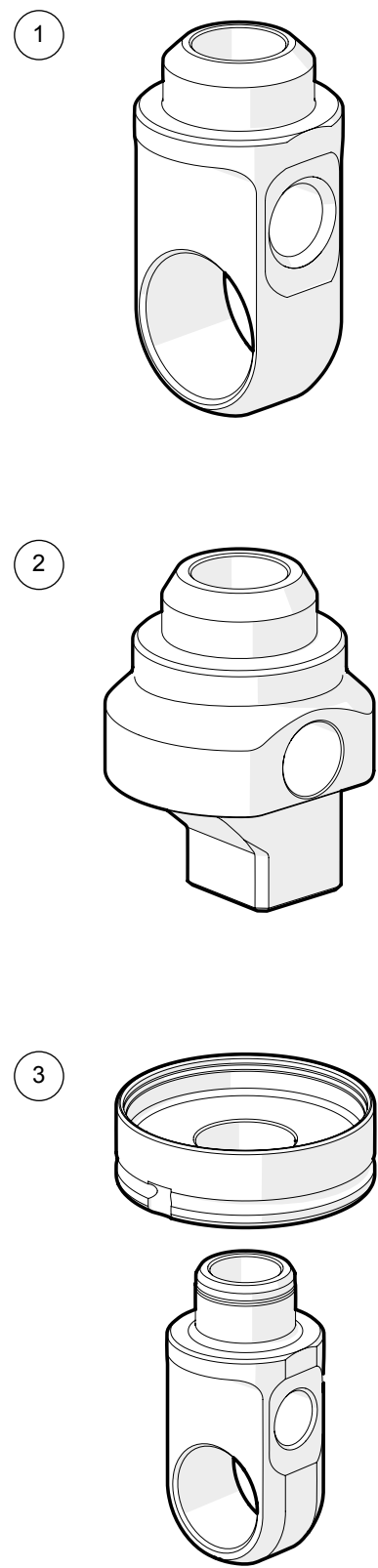


Pos	Pcs	Description	Notes
6-1	2	O-ring 5.28x1.78	
6-2	2	O-ring 18x1	
6-3	1	O-ring 19.1x1.6	
6-4	1	O-ring 20x1.5	
6-5	2	O-ring 5.1x1.6	
6-6	1	O-ring 25x1.5	
6-7	1	O-ring 31x2	
6-8	2	O-ring 4.5x1.5	
6-9	1	O-ring 2.6x1.6	
6-10	2	O-ring 3x2	Only one O-ring mounted, second O-ring as spare
6-11	1	Fill screw Universal	
6-12	1	Fill screw Side-by-Side	
6-13	1	Fill screw Trunnion	



SPARE PARTS LIST - TTX22M

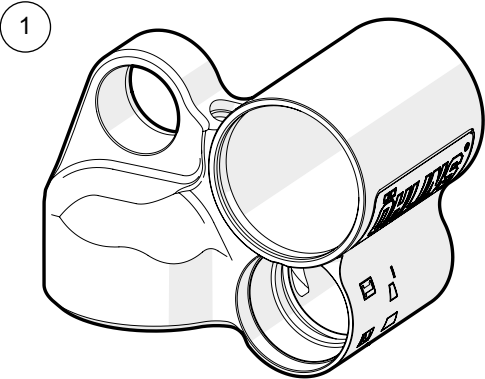
Figure 7 - Spare parts - End eyes



Pos	Part No	Description	Notes
7-1	18021-04	End eye 16 mm	
7-2	18021-05	SBC Shock Block end eye	
7-3	18145-02	End eye 15 mm kit, press fit	Compatible with Gen2 Metric shocks. Can be mounted on older shocks but will reduce the shock stroke by 2.5 mm.

SPARE PARTS LIST - TTX22M

Figure 8 - Spare parts - Cylinder heads

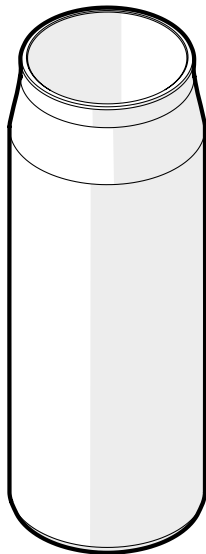


Pos	Part No	Description	Notes
8-1	18008-03	Cylinder head, Side-by-side	
8-2	18069-01	Cylinder head, Universal	
8-3	18145-01	Cylinder head kit, Trunnion	

SPARE PARTS LIST - TTX22M

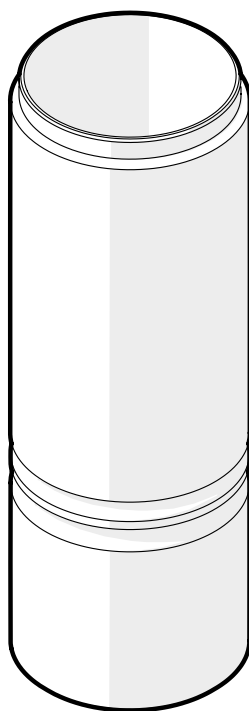
Figure 9 - Spare parts - Cylinder tubes

1



Pos	Part No	Description	Notes
9-1	18048-01	Inner tube 87.7	SBC 1510, SBC 1810, MTB 1493/1693
	18048-02	Inner tube 75.25	SBC 152X, SBC 153X, SBC 1730, MTB 1491/1492/1691/1692/1695
	18048-04	Inner tube 99.7	MTB 1694
	18048-05	Inner tube 64.25	SBC 1770
	18048-06	Inner tube 59.95	MTB 1498/1698
	18048-07	Inner tube 65.7	MTB 1496/1696
	18048-08	Inner tube 69.95	SBCM 1880, MTB 1497/1697
9-2	18049-01	Outer tube 111.25	SBC 1510, SBC 1810, MTB 1493/1693
	18049-02	Outer tube 98.8	SBC 152X, SBC 153X, SBC 1730, MTB 1491/1492/1691/1692
	18049-04	Outer tube 123.25	MTB 1494/1694
	18049-05	Outer tube 87.8	SBC 1770
	18049-06	Outer tube 83.5	MTB 1498/1698
	18049-07	Outer tube 89.25	MTB 1496/1696
	18049-08	Outer tube 93.5	SBC 1880, MTB 1497/1697

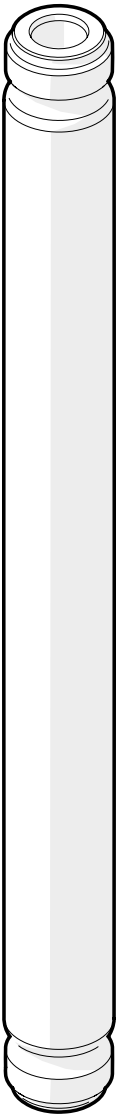
2



SPARE PARTS LIST - TTX22M

Figure 10 - Spare parts - Shafts

1



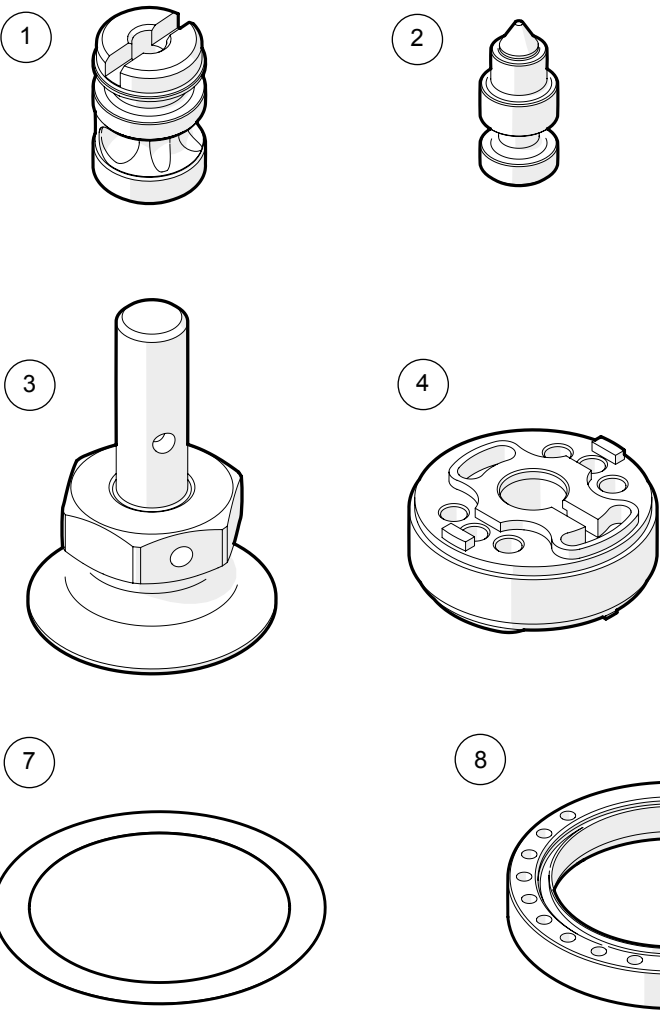
Pos	Part No	Description	Notes
10-1	18009-01	113.2	SBC 1510, SBC 1810, MTB 1493/169
	18009-02	100.5	SBC 152X, SBC 1880, MTB 1491/1492/1691/1692/1695
	18009-03	94.5	SBC 153X, SBC 1730, MTB 1496/1696
	18009-04	126.2	MTB 1694
	18009-05	105	MTB 1492/1692
	18009-06	89.3	SBC 1770
10-2	18054-01	Adjustment shaft	To be used with 18009-01
	18054-02		To be used with 18009-02
	18054-03		To be used with 18009-03
	18054-14		To be used with 18009-04
	18054-15		To be used with 18009-05
	18054-17		To be used with 18009-06

2



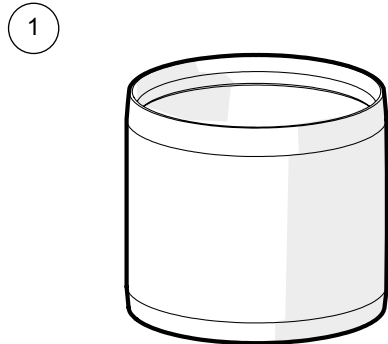
SPARE PARTS LIST - TTX22M

Figure 11 - Spare parts



Pos	Part No	Description	Notes
11-1	18012-04	Rebound adjuster	
11-2	18028-03	Rebound needle	
11-3	18022-06	Piston holder	
11-4	18106-01	Piston 22	Piston ring installed
11-5	18045-02	Disc spring stainless	
11-6	18014-01	Adjustment pin	
11-7	18046-01	Shim 30/24/0.1	
11-8	18011-02	Valve seat	
11-9	18010-02	Valve holder	

Figure 12 - Spare parts - Protective plastic sleeve

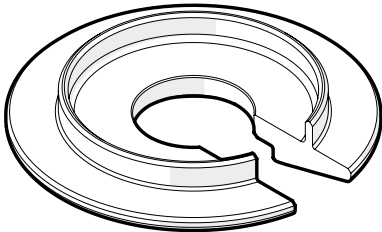


Pos	Part No	Description	Notes
12-1	18108-01	Protective plastic sleeve	

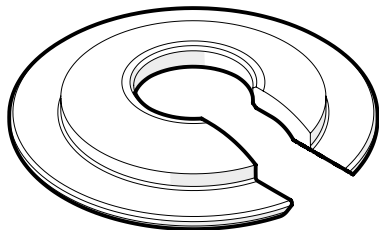
SPARE PARTS LIST - TTX22M

Figure 13 - Spare parts - Spring clips and adjusters

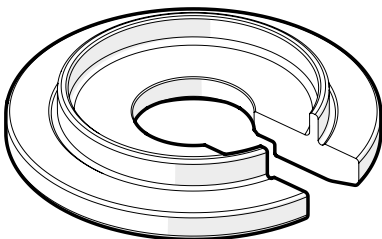
1



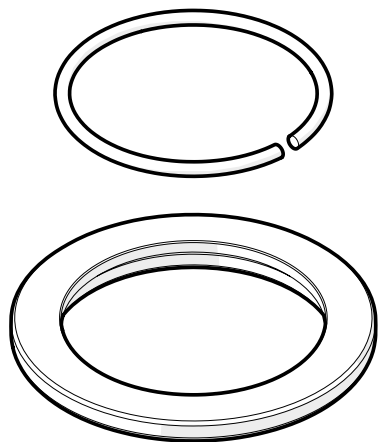
2



3

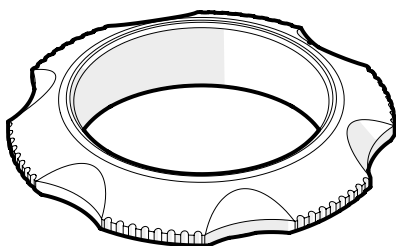


4

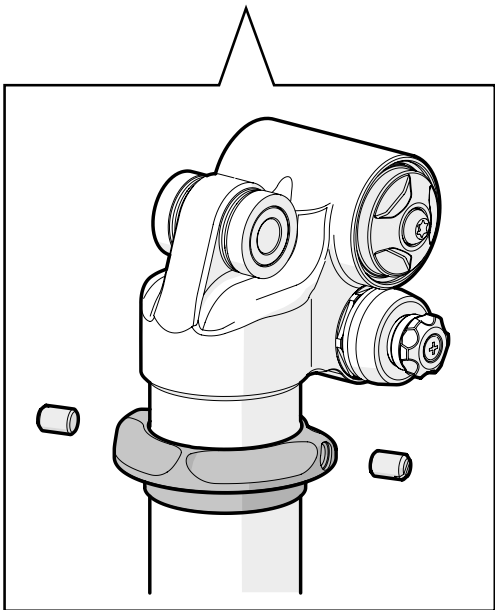
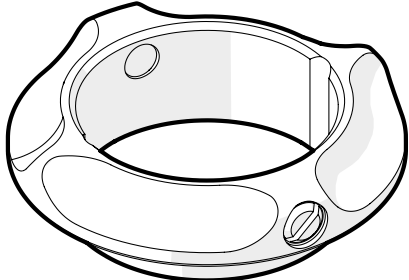


Pos	Part No	Description	Notes
13-1	18029-01	Spring clip 36/16 -2.5	
13-2	18029-02	Spring clip 36/16 +3.5	
13-3	18029-03	Spring clip	For stiff spring with part number ending with -15 or above.
13-4	18145-04	Spring clip 36.25 kit	Fits Gen2 end eyes only, kit 18145-02.
13-5	18026-01	Spring collar, adjuster	
13-6	18145-03	Adjust nut Gen2	Compatible with all TTX22M Shocks.

5



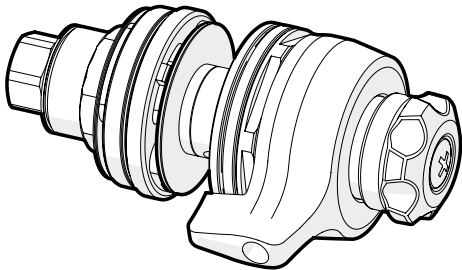
6



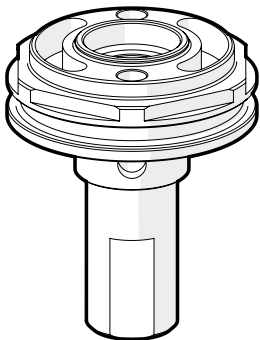
SPARE PARTS LIST - TTX22M

Figure 14 - Spare parts - Compression valve

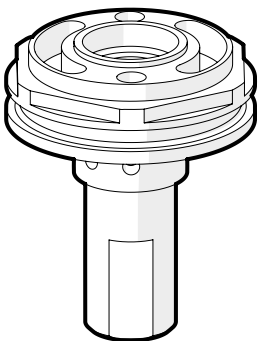
1



2



3

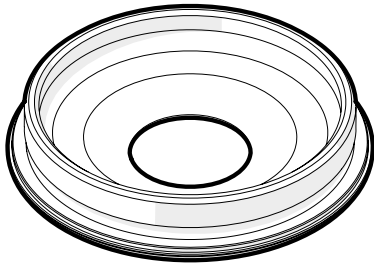


Pos	Part No	Description	Notes
14-1	18002-01	TTX22M Gold valve assy	DH setting
	18002-03	TTX22M Blue valve assy	Pedal platform
14-2	18033-01	End piece valve Gold	DH
14-3	18033-02	End piece valve Blue	Pedal platform

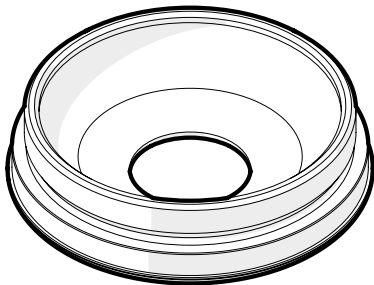
SPARE PARTS LIST - TTX22M

Figure 15 - Spare parts - Stop cap

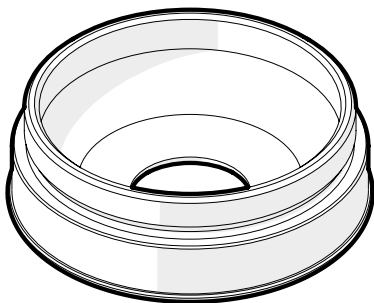
1



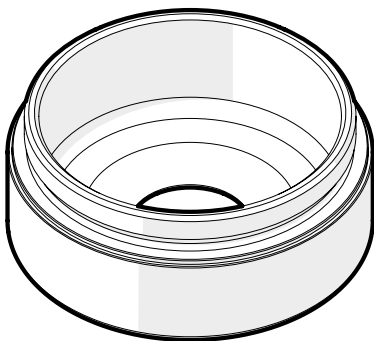
2



3



4



Pos	Part No	Description	Notes
15-1	18025-01	Stop cap	0 mm
15-2	18025-03		-2.5 mm
15-3	18025-04		-5 mm
15-4	18025-05		-7.5 mm

Your Öhlins retailer:

Öhlins Racing AB
Box 722
SE-194 27, Upplands Väsby
Sweden

Phone: +46 (0)8 590 025 00
Fax: +46 (0)8 590 025 80
www.ohlins.com



www.ohlins.com