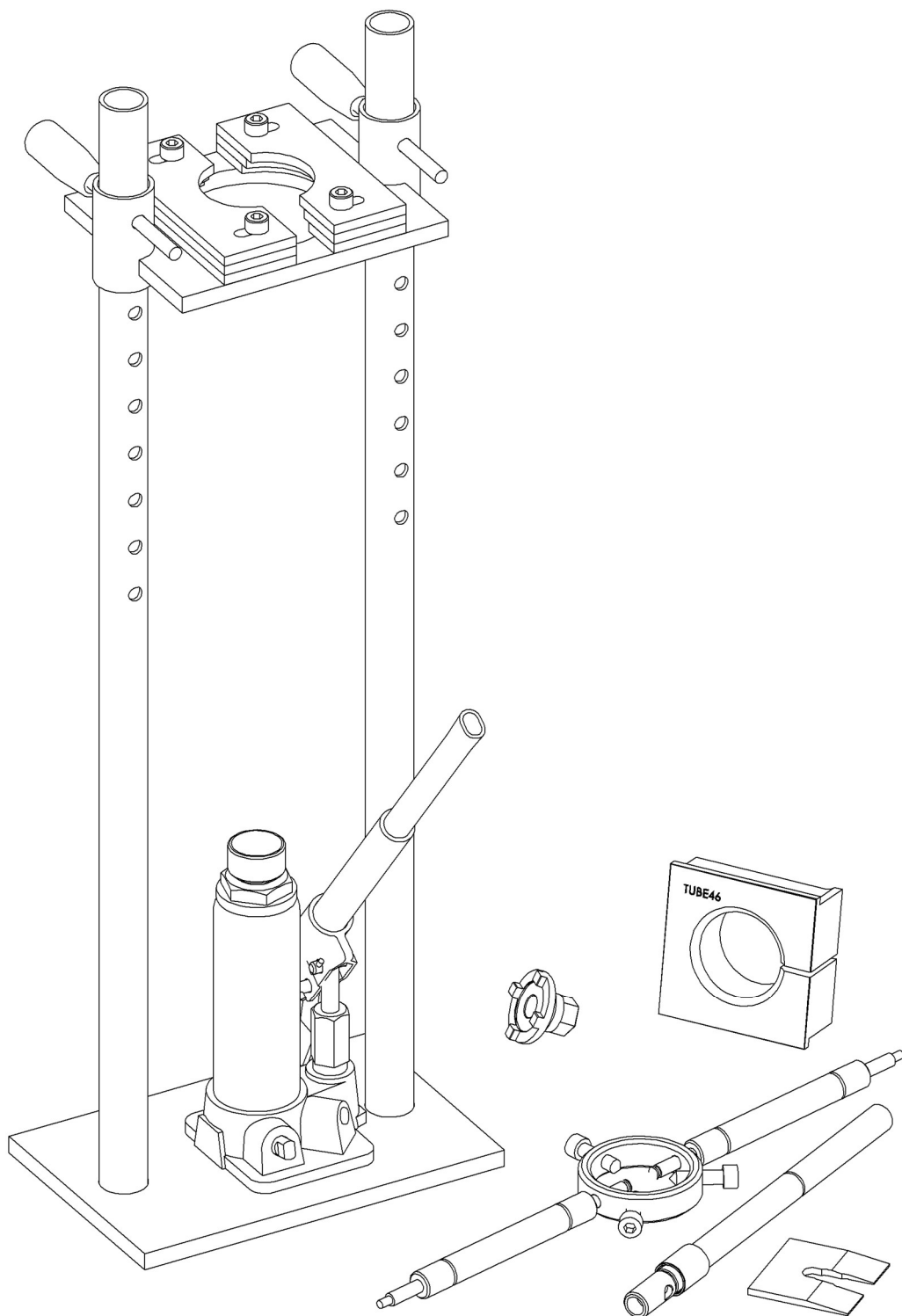


HYPERPRO

Suspension Technology



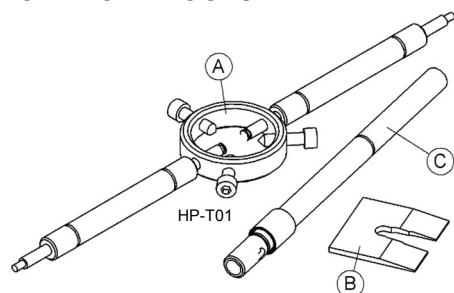
Tools catalogue

V1.3 ENGLISH

INDEX

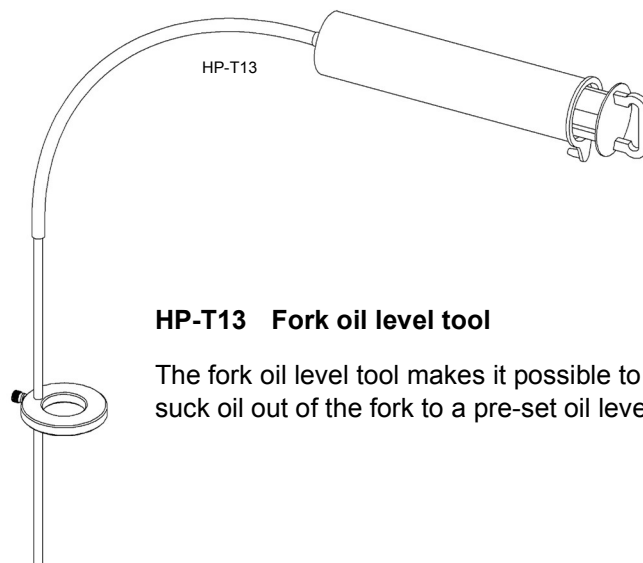
Front Fork tools	3
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FRONT FORK TOOLS



HP-T01 UPSD Fork spring removal tool

Tool set required to remove the spring from an UPSD cartridge fork. Includes:
A. tool to compress the spring / preload bush
B. plate to wedge between spring/ preload bush and nut
C. cartridge pump rod



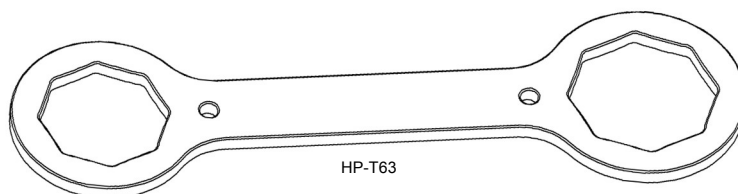
HP-T13 Fork oil level tool

The fork oil level tool makes it possible to suck oil out of the fork to a pre-set oil level.

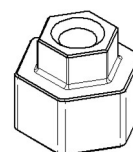
Front fork end cap tools

required to open certain front forks.

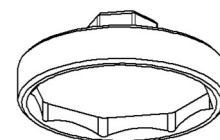
- HP-T63 Wrench OCT40 - OCT46
- HP-T69 Socket for Hyperpro H49 with countersunk end cap
- HP-T102 Socket BPF fork cap OCT45



HP-T63



HP-T69

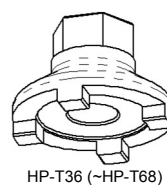


HP-T102

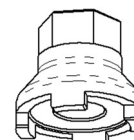
Front fork internal sockets

required for opening certain damping and spring cartridges:

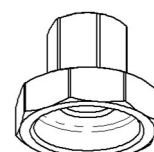
- HP-T36 Fork cartridge socket L30, fits many models
- HP-T57 Duc Scrambler / Yam MT125, YZF-R125
- HP-T59 Hyperpro forks AH1 / H43 / H49
- HP-T62 Socket HEX19 - OCT36 (Kaw Z900 / Duc M796)
- HP-T65 Pin key tool d4x4 c-c23 (BMW G310GS fork)
- HP-T68 Fork cartridge socket L40mm (=HP-T36 +10mm), (H-D Sport Glide '18)
- HP-T85 Fork cartridge wrench – heavy duty
- HP-T101 BPF cartridge socket 33 & 35mm



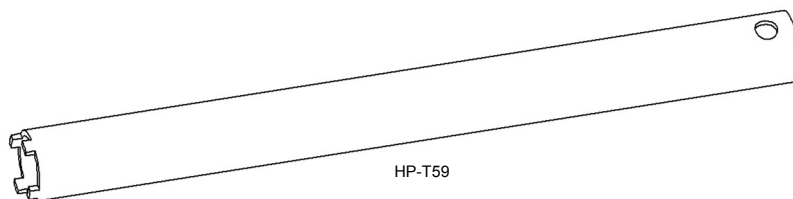
HP-T36 (~HP-T68)



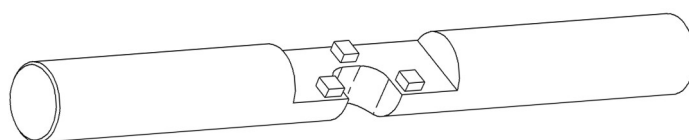
HP-T57



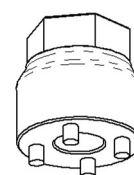
HP-T62



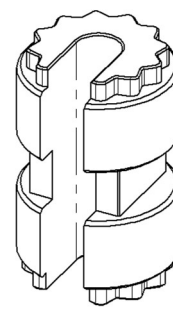
HP-T59



HP-T85

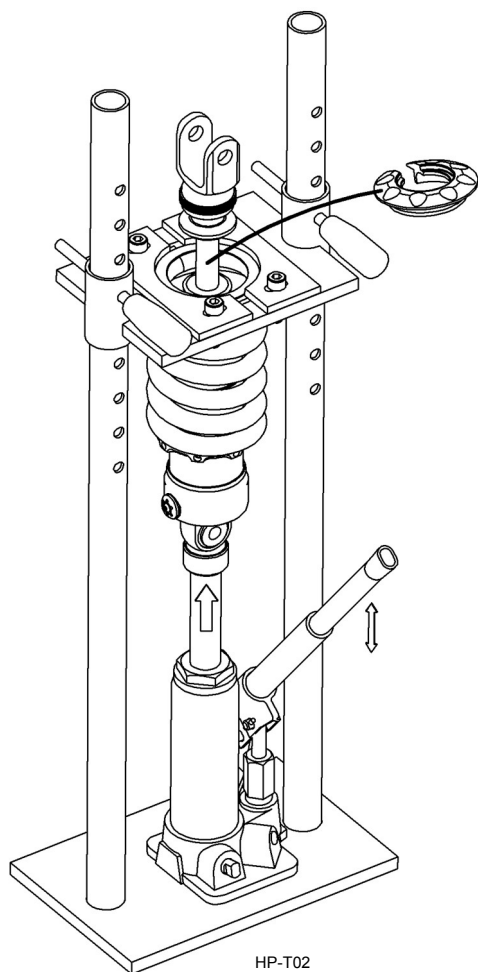


HP-T65



HP-T101

SHOCK SPRING TOOLS

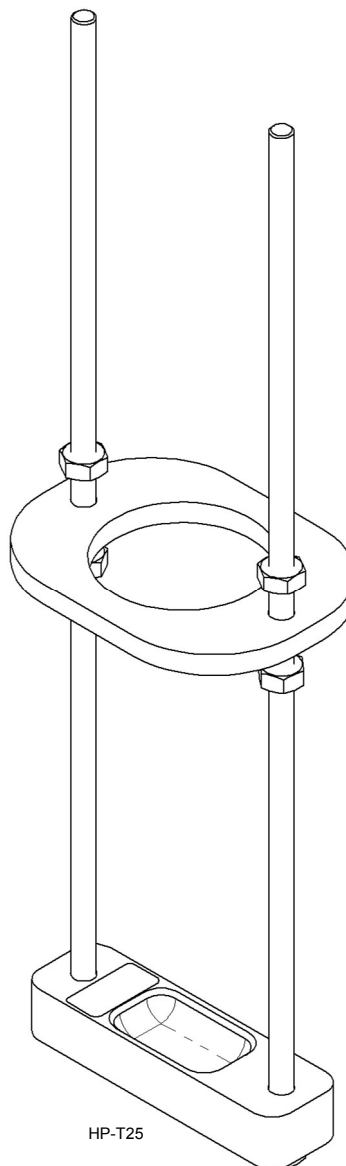


HP-T02

HP-T02 Shock spring removal tool - hydraulic

Professional hydraulic spring removal tool that allows you to easily compress the spring on the shock absorber and remove the retaining ring.

Includes a set of adjustable adapter plates for a wide range of spring diameters and adapter ring HP-T26 (see below).



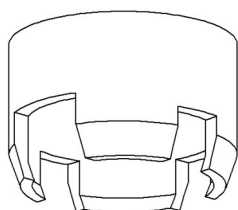
HP-T25

HP-T25 Shock spring removal tool - mechanical

Simple and economical version of HP-T02.

Mechanical spring removal tool that allows you to compress the spring on the shock absorber and remove the retaining ring.

Includes a universal adapter ring for other spring diameters and adapter ring HP-T26 (see below).



HP-T26

HP-T26 Shock tool adapter ring for HPA

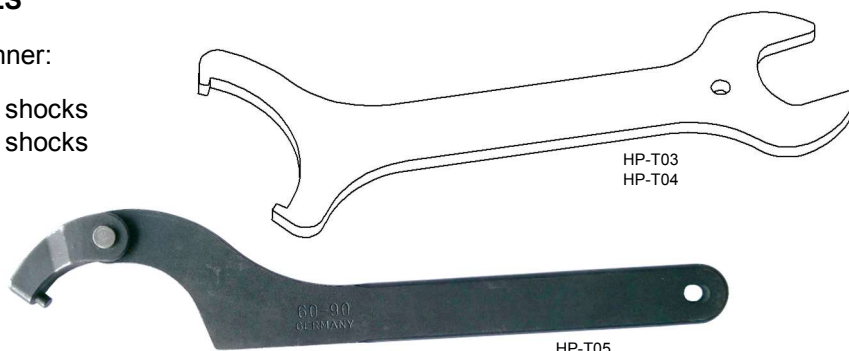
BMW & Triumph adapter ring for shock spring removal tools HP-T02 and HP-T25.

This tool enables you to compress the spring through the hydraulic preload unit, so you can remove the circlip.

SHOCK SPRING PRELOAD TOOLS

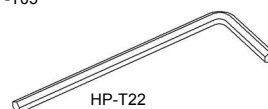
Preload and height adjustment spanner:

HP-T03 for Hyperpro 36mm shocks
HP-T04 for Hyperpro 46mm shocks



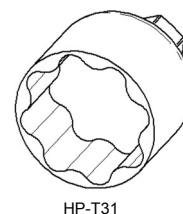
HP-T05 Heavy duty preload spanner 60-90 with pin (for 36 & 46mm shocks)

HP-T22 2.5mm Allen key, for the clamp bolt in Hyperpro preload rings



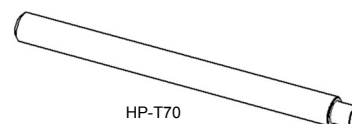
HP-T31 Socket for Hyperpro HPA adjuster

Fits over the Hyperpro remote Hydraulic Preload Adjuster knob, making it possible to adjust it with a wrench.



HP-T70 Pin handle for Hyperpro 36mm PPA adjuster

Fits in the holes of the Hyperpro Positional Preload Adjuster (PPA), making it possible to adjust it by hand.



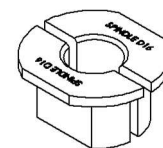
CLAMPING TOOLS

HP-T48 Universal vice soft jaws (white nylon)

HP-T71 Spindle vice clamp (2-pc) – multi: 8/10/12/12.5mm

HP-T38-14 Spindle vice clamp (2-pc) – 14mm

HP-T38-16 Spindle vice clamp (2-pc) – 16mm

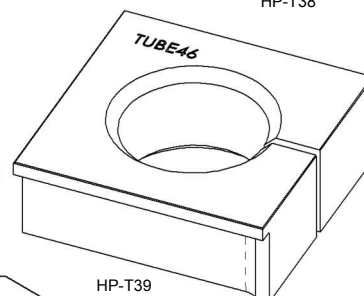


HP-T38

HP-T39-36 Hyperpro 36mm Shock tube clamp (1-pc) – 40mm

HP-T39-46 Hyperpro 46mm Shock tube clamp (1-pc) – 50mm

HP-T47 Hyperpro HS/LS compression adj. house clamp (1-pc)



HP-T39

HP-T40-24 Fork tube vice clamp (1-pc) - 24mm

HP-T40-28 Fork tube vice clamp (1-pc) - 28mm

HP-T40-29 Fork tube vice clamp (1-pc) - 29mm

HP-T40-41 Fork tube vice clamp (1-pc) - 41mm

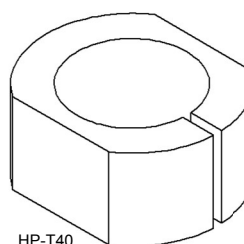
HP-T40-43 Fork tube vice clamp (1-pc) - 43mm

HP-T40-48 Fork tube vice clamp (1-pc) - 48mm

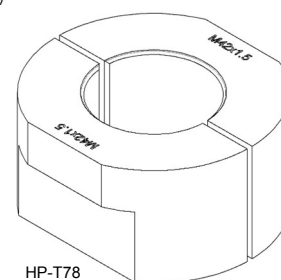
HP-T40-49 Fork tube vice clamp (1-pc) - 49mm

HP-T40-50 Fork tube vice clamp (1-pc) - 50mm

HP-T40-54 Fork tube vice clamp (1-pc) - 54mm



HP-T40



HP-T78

HP-T78-42X150 Shock tube clamp w thread (2pc) – M42x1.50

HP-T78-52X150 Shock tube clamp w thread (2pc) – M52x1.50

HP-T78-56X150 Shock tube clamp w thread (2pc) – M56x1.50

PLIERS WRENCHES - These pliers with parallel jaws are like having a portable bench vice. Apply incredible clamping force without the risk of surface damage that conventional pliers have.

HP-T54-400 Knipex Pliers wrench – 400mm

HP-T54-300 Knipex Pliers wrench – 300mm

HP-T54-250 Knipex Pliers wrench – 250mm

HP-T54-180 Knipex Pliers wrench – 180mm

HP-T54-150 Knipex Pliers wrench – 150mm

HP-T54-125 Knipex Pliers wrench – 125mm



JAPANESE JIS* SCREWDRIVERS - (*Japanese Industrial Standard)

These can be hard to find outside of Japan, but are a must for every motorcycle enthusiast.

JIS screws are used regularly on Japanese motorcycles (e.g. carburetor float bowls) and can be very difficult to remove with a common Phillips screwdriver. JIS screws can be recognized by the dimple in the head:

HP-T87-1 Screwdriver – JIS #1

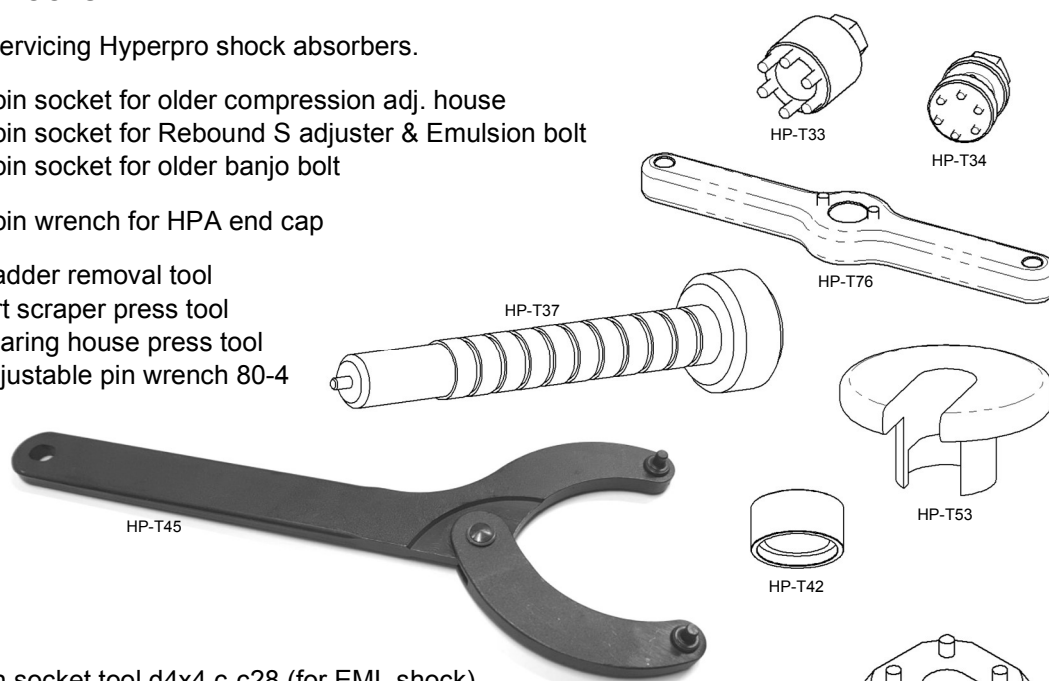
HP-T87-2 Screwdriver – JIS #2



SHOCK SERVICE TOOLS

Tools specific for servicing Hyperpro shock absorbers.

- HP-T33 6-pin socket for older compression adj. house
- HP-T34 6-pin socket for Rebound S adjuster & Emulsion bolt
- HP-T35 6-pin socket for older banjo bolt
- HP-T76 2-pin wrench for HPA end cap
- HP-T37 Bladder removal tool
- HP-T42 Dirt scraper press tool
- HP-T53 Bearing house press tool
- HP-T45 Adjustable pin wrench 80-4

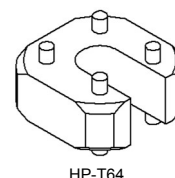


Bike specific tools:

- HP-T64 Pin socket tool d4x4 c-c28 (for EML shock)

Polishing belt for chrome spindles and fork tubes:

- HP-T67-006 Polishing belt - 675x40mm – A006 (Super fine)
- HP-T67-016 Polishing belt - 675x40mm – A016 (Fine)



HP-T12 Hyperpro Shock Service - tool kit

Complete kit containing every special tool necessary to overhaul Hyperpro shocks:

HP-T03	Preload and height adjustment spanner 36	1
HP-T04	Preload and height adjustment spanner 46	1
HP-T33	6-pin socket for older compression adj. house	1
HP-T34	6-pin socket for Rebound S adjuster & Emulsion bolt	1
HP-T35	6-pin socket for older banjo bolt	1
HP-T37	Bladder removal tool	1
HP-T42	Dirt scraper press tool	1
HP-T53	Bearing house press tool	1
HP-T45	Adjustable pin wrench 80-4	1
HP-T38-14	Spindle vice clamp (2-pc) – 14mm	1
HP-T38-16	Spindle vice clamp (2-pc) – 16mm	1
HP-T39-36	Hyperpro 36mm Shock tube clamp (1-pc) – 40mm	1
HP-T39-46	Hyperpro 46mm Shock tube clamp (1-pc) – 50mm	1
HP-T47	Hyperpro HS/LS compression adj. house clamp (1-pc)	1
HP-T48	Universal vice soft jaws (white nylon)	1
HP-T58	Nitrogen filling needle with tap (complete) – 1/8" thread	1
HP-T46	Nitrogen replacement needle (needle only)	2

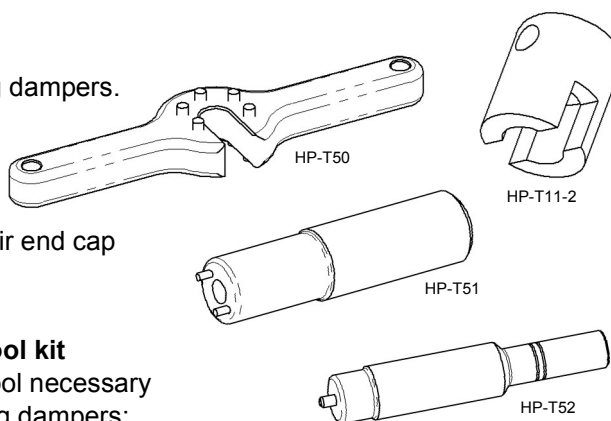
HP-T16 Hyperpro Shock Service - parts kit

Complete kit containing most common parts that need to be replaced when overhauling Hyperpro shocks. Please contact us for more details about the contents.

STEERING DAMPER SERVICE TOOLS

Tools specific for servicing Hyperpro CSC/RSC steering dampers.

- HP-T11-2 SD mount eye socket wrench
 HP-T50 5-pin wrench for SD tube end caps
 HP-T51 2-pin wrench for SD adjuster house
 HP-T52 Tool for SD separation piston & reservoir end cap



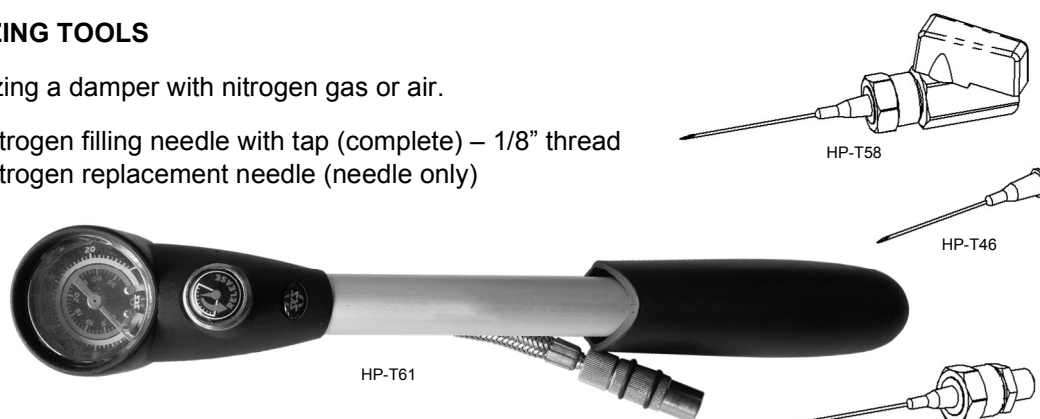
- HP-T60 Hyperpro Steering damper Service tool kit**
 Complete kit containing every special tool necessary to overhaul Hyperpro CSC/RSC steering dampers:

HP-T11-2	SD mount eye socket wrench	1
HP-T50	5-pin wrench for SD tube end caps	1
HP-T51	2-pin wrench for SD adjuster house	1
HP-T52	Tool for SD separation piston & reservoir end cap	1
HP-T48	Universal vice soft jaws (white nylon)	1
HP-T61	Hand air pump w pressure gauge	1
HP-T77	Needle adapter (for fitting HP-T46 to HP-T61)	1
HP-T46	Nitrogen replacement needle (needle only)	2

GAS PRESSURIZING TOOLS

Tools for pressurizing a damper with nitrogen gas or air.

- HP-T58 Nitrogen filling needle with tap (complete) – 1/8" thread
 HP-T46 Nitrogen replacement needle (needle only)



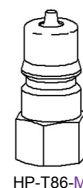
- HP-T61 Hand air pump w pressure gauge (for steering damper)
~~HP-T66 Needle adapter M8x0.75 superseded by HP-T77~~
 HP-T77 Needle adapter - VG-8 tyre valve thread (for fitting HP-T46 to HP-T61)

VACUUM TOOLS

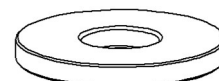
Tools for vacuum filling a damper unit with oil.



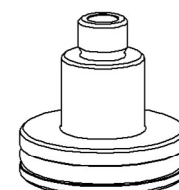
HP-T30



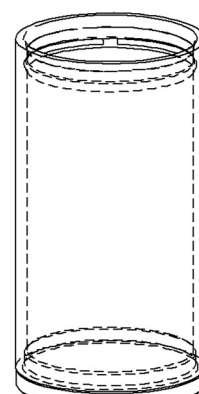
HP-T86-M



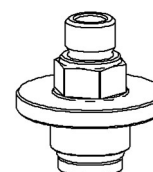
HP-T75



HP-T72
HP-T73
HP-T74
HP-T81



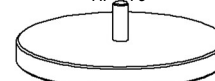
HP-T82



HP-T83



HP-T79



HP-T80



HP-T84-18

HP-T30 Professional Vacuum tool
(includes HP-T86-M, HP-T79 and HP-T80)

Other available adapters:

HP-T86-F	Quick coupler female - G1/4
HP-T86-M	Quick coupler male - G1/4
HP-T72	Vacuum adapter G1/4 - Reservoir 46mm
HP-T81	Vacuum adapter G1/4 - Reservoir 44mm
HP-T73	Vacuum adapter G1/4 - Reservoir 40mm
HP-T74	Vacuum adapter G1/4 - Reservoir 36mm
HP-T75	Vacuum adapter - Reservoir lock ring M22x1.5
HP-T79	Vacuum adapter G1/4 - Hyperpro shock Comp house
HP-T80	Reservoir end cap lock plate for Hyperpro shock
HP-T82	Transparent 44mm reservoir with tap G1/4 (use with HP-T81)
HP-T83	Vacuum adapter G1/4 - CSC/ RSC adjuster house
HP-T84-18	Vacuum adapter G1/4 - Hose 18mm