



70th

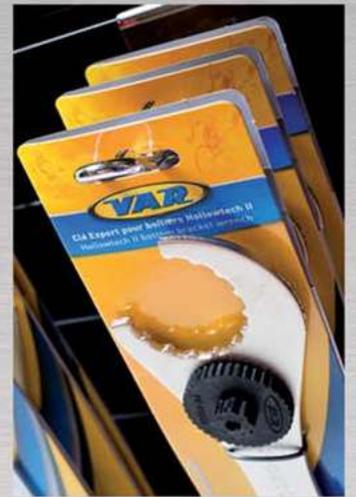
ANNIVERSARY
1945 - 2015

E

70 years - 100 new products

Professional bike mechanics have been using VAR tools for 70 years - now the enthusiasts also have the chance to use them !

A selection of VAR tools is available in eco-friendly retail packaging



Stay tuned !



ANNIVERSARY
1945 - 2015

70th

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Frame

Head tube/bottom bracket reaming and facing set

Features a quick release compression ring for fast fitting and removal of the tool and also for fine tuning of spring when used.

To be used with cutting oil **CD-77000** (page 7)



CD-03605

Conical pilot



CD-03623-44



CD-03621-41.15



CD-03622-41.15

Set of 1 1/8" Cane-Creek semi-integrated headset



Set of 1 1/8" Cane-Creek integrated headset



CD-03621-41.95



CD-03622-41.95

Set of 1 1/8" Campagnolo integrated headsets



CD-03623-49.55



CD-03623-52.10



CD-03623-55.95

49.55mm reaming & facing cutter for 1 1/2" standard headsets

52.10mm reaming & facing cutter for 1 1/2" integrated headsets

55.95mm reaming & facing cutter for 1 1/2" semi-integrated headsets



New !

Available
October 2014



CD-03623-BB30

42mm cutter for BB30 bottom bracket shell

New !

Available
October 2014



CD-03623-PF

41mm cutter for Press Fit bottom bracket shell

New !

Available
October 2014



CD-03623-PF30

46mm cutter for Press Fit 30 bottom bracket shell

Type	Standard	∅	Item number	Tool specification
			CD-03600	1 tool without cutter (CD-03600) with 1 conical pilot (CD-03605)
BB30	BB30	42mm	CD-03600-BB30	1 cutter in 42mm (CD-03623-BB30) 1 conical pilot (CD-03605)
Press Fit	PF	41mm	CD-03600-PF	1 cutter in 41mm (CD-03623-PF) 1 conical pilot (CD-03605)
Press Fit 30	PF30	46mm	CD-03600-PF30	1 cutter in 46mm (CD-03623-PF30) 1 conical pilot (CD-03605)
Traditional	1 1/2" (38,1mm)	49,55mm	CD-03600-49.55	1 cutter in 49,55 x 26,5mm (CD-03623-49.55) 1 conical pilot (CD-03605)
Semi-integrated headset	1 1/8" (28,6mm)	44mm	CD-03600-44	1 cutter in 44 x 8mm (CD-03623-44) 1 conical pilot (CD-03605) 1 special pilot in 43,90mm (CD-03633-43.90)
	1 1/2" (38,1mm)	55,95mm	CD-03600-55.95	1 cutter in 55,95 (CD-03623-55.95) 1 conical pilot (CD-03605)
Integrated headset	1 1/8" (28,6mm) Cane Creek	41,10mm	CD-03600-41	1 lower cutter 41,15x7,2mm (CD-03621-41.15) 1 upper cutter 41,15x3,2mm (CD-03622-41.15) 1 lower pilot 41,05x7,2mm (CD-03631-41.05) 1 upper pilot 41,05x3,2mm (CD-03632-41.05) 1 conical pilot (CD-03605)
	1 1/8" (28,6mm) Campagnolo	41,95mm	CD-03600-41.80	1 lower cutter 41,95x6,9mm (CD-03621-41.95) 1 upper cutter 41,95x3mm (CD-03622-41.95) 1 lower pilot 41,85x6,9mm (CD-03631-41.85) 1 upper pilot 41,85x3mm (CD-03632-41.85) 1 conical pilot (CD-03605)
	1 1/2" (38,1mm)	52,10mm	CD-03600-52.10	1 cutter in 55,95 (CD-03623-52.10) 1 conical pilot (CD-03605)



Head tube reaming and facing set for standard headset

- reams inner diameter of head tube and faces both ends of head tube
- quick release compression ring for fast fitting and removal of the tool and also for fine tuning of tension spring when used

It features :

- 1 body and handle assembly **CD-03200**
- 1 head tube reaming cutter
- 1 head tube facing cutter
- 1 reversible pilot for 1" and 1 1/8" head tubes
- 1 quick-release compression ring
- 1 compression spring

To be used with cutting oil **CD-77000** (page 7)

CD-03200-30/45 - complete tool set with 30mm (1") reaming cutter and 45mm facing cutter
CD-03200-33.8/45 - complete tool set with 33,8mm (1 1/8") reaming cutter and 45mm facing cutter

Head tube reaming cutter

- fits tool set **CD-03200**
- top quality high speed steel, high precision machining and heat-treatment

CD-03210-30 - 30mm cutter for \varnothing 30,2mm (1") cup
CD-03210-33.8 - 33,8mm cutter for \varnothing 34mm (1 1/8") cup

CD-03210-30



CD-03210-33.8



CD-03220-45

Head tube facing cutter

- outer diameter : 45mm
- fits tool set **CD-03200**
- top quality high speed steel, high precision machining and heat-treatment

Frame taps

- to cut small threads in the frame
- precision ground and hardened high speed steel
- fit tap handle DV-04320 (page 66)

To be used with cutting oil CD-77000 (page 7)

Item number	Tool description
CD-04100-03 1 tap	3mm x 0,5 for rear wheel drop-out alignment screws
CD-04100-05 set of 2 taps	5mm x 0,8 for water bottle, toe clip, fender and rack bosses
CD-04100-06 set of 2 taps	6mm x 1 for cantilever brakes and large fender bosses
CD-04100-10 set of 2 taps	10mm x 1 for derailleur hangeur



CD-04100-03



CD-04100-05



CD-04100-06



CD-04100-10



Expanding seat tube reamer

- 6 hardened high speed steel blades
- fit tap handle DV-04340 (page 66)

To be used with cutting oil CD-77000 (page 7)



Item number	Tool description
CD-04510-26/29.5	for tube of inner Ø 26-29,5mm
CD-04520-26/29.5	for tube of inner Ø 26-29,5mm equipped with an extension
CD-04520-29.5/33.5	for tube of inner Ø 29,5-33,5mm equipped with an extension



Set of 6 HSS blades :

- CD-04521-26/29.5 - for reamers Ø 26-29,5mm
- CD-04531-29.5/33.5 - for reamers Ø 29,5-33,5mm



Bottom bracket tapping set

- to tap in line both sides of the bottom bracket shell
 - CNC machined handles
 - equipped with 2 taps either in English thread (1.370"x24 TPI - left and right hands) or Italian thread (36mm x24 TPI - right hand)
 - chrome plated steel
 - to be used with kit **CD-38340** to clean up the face of the bottom bracket shell or to convert a BB shell from 70 to 68mm
- To be used with cutting oil **CD-77000** (page 5)

CD-38200-1.370 - complete bottom bracket tapping set - English thread 1.370"x24 TPI (left and right hands)

CD-38200-36 - complete bottom bracket tapping set - Italian thread 36mm x24 TPI (right hand)



Bottom bracket hand tap

- fits bottom bracket tapping set **CD-38200** for hand application
- for cutting threads in steel and aluminum bottom bracket shell
- not suitable for intensive use in titanium bottom bracket shell
- skip thread
- top quality high speed steel, high precision machining and heat-treatment

CD-38210-1.370 - 1.370"x24 TPI right hand thread English tap

CD-38211-1.370 - 1.370"x24 TPI left hand thread English tap

CD-38210-36 - 36mm x24 TPI right hand Italian tap



Bottom bracket machine tap

- to fully tap the bottom bracket shell with a machine-tool
- helicoidal cut with skip thread
- available in English thread only (left and right hands)
- top quality high speed steel, high precision machining and heat-treatment

CD-38410-1.370 - 1.370"x24 TPI right hand thread English tap

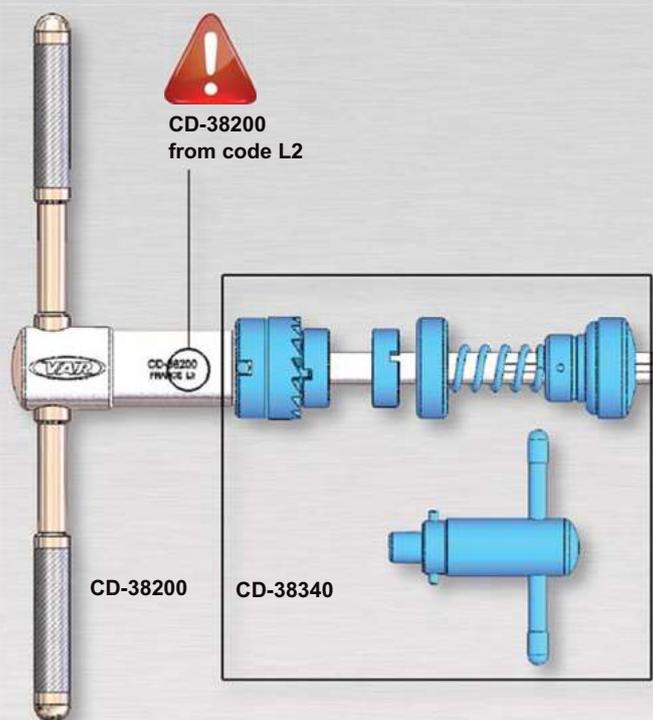
CD-38411-1.370 - 1.370"x24 TPI left hand thread English tap

CD-38340

Bottom bracket facing kit

- to clean up the faces of the bottom bracket shell of a threaded frame
- to remove excess paint from the BB shell to perfectly fit external bottom bracket cups
- to also convert a 70mm bottom bracket to a 68mm bottom bracket
- tension spring and tension nuts apply a gentle pressure not to get a chattering appearance
- comes with cutter **CD-38320-45**, 2 BSC guides **CD-38320-1.370** and assembly key **CD-38330**
- to be used with bottom bracket tapping set **CD-38200** from serial code L2

To be used with cutting oil **CD-77000** (page 7)



CD-38310-45

Bottom bracket facing cutter

- fits bottom bracket facing set
- 45mm outer diameter
- CNC machined and hardened high speed steel

To be used with cutting oil **CD-77000** (page 7)



- CD-38320-1.370** - set of 2 English guides 1.370" x 24 TPI (L&R)
- CD-38320-36** - set of 2 Italian guides 36 x 24 (R&R)
- CD-38330** - assembly tool for guides

CD-77000

High-quality cutting oil

- strongly recommended for any cutting, tapping, facing and reaming operations on frame and fork
- extends tool life and makes frame prep operations better
- not dangerous for skin
- comply with European regulation
- 400ml aerosol



Frame

CD-13000

Derailleur hanger repair kit

Drill into the old threading in gear hanger using 12mm drill, then fit the nut into the gear hanger from the inside of the frame. The nut to be installed must be of the same thickness as the gear hanger. Threads the derailleur axle into the hex nut and your gear hanger is saved.

The kit features :

- 1 HSS steel ground flute twist drill of 12mm with shank 6x22mm
- 3 hex nuts of 4,95mm
- 3 hex nuts of 5,85mm
- delivered in a compartmented plastic box

CD-13002-4.95 - bag of 5 hex nuts of 4,95mm

CD-13002-5.85 - bag of 5 hex nuts of 5,85mm



CD-13900

Derailleur hanger alignment gauge

Designed to control the alignment of rear derailleur hanger and solve most derailleur shifting problems, specially those with index shifting systems.

Threads the tool into the derailleur hanger.

The tool arm holds a gauge which marks the distance to the rim.

Rotates the gauge with the wheel from 90° to 90° to check potential differences in measurements. If any, apply pressure to the tool arm to realign the derailleur hanger.

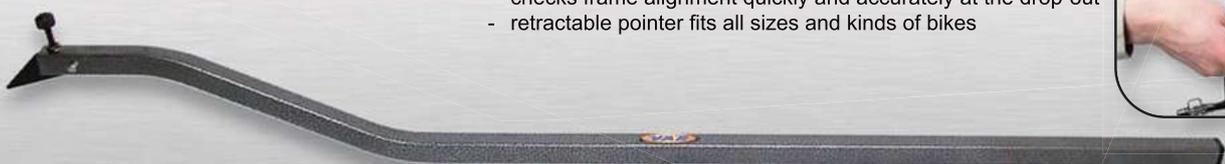
- head and body of the tool are CNC machined
- threaded spindle in hardened alloy tool steel
- chrome plated steel



CD-71400

Frame alignment gauge

- checks frame alignment quickly and accurately at the drop-out
- retractable pointer fits all sizes and kinds of bikes



CD-14000

Disc brake mount facing tool for IS and Postmount

- to precisely face frame and fork disc brake mounts by removing paint and material to get a clean and flat surface
- disc brake mounts must be perfectly aligned with brake pads and rotor to ensure proper disc brake performance
- tool compatible with International Standard (IS) and Postmount (PM) delivered with 2 HSS-CO steel cutters equipped with pilots (one cutter for IS and the other for Postmount)
- delivered with a 100mm front axle and a 135mm rear axle to work on forks and frames

To be used with cutting oil **CD-77000** (page 7)



CD-14400

New!

Available
January 2015

Disc brake mount facing tool for IS and Postmount

- to precisely face frame and fork disc brake mounts by removing paint and material to get a clean and flat surface
- disc brake mounts must be perfectly aligned with brake pads and rotor to ensure proper disc brake performance
- tool compatible with International Standard (IS) and Postmount (PM) delivered with 2 HSS-CO steel cutters equipped with pilots (one cutter for IS and the other for Postmount)
- equipped with adaptors for front thru axles in QR9, 15x100, 20x110 and for rear thru axles in QR10 and 142x12

To be used with cutting oil **CD-77000** (page 7)



CD-47500

Frame and fork end alignment gauge set

- checks whether frame and fork drop-outs are parallel to avoid bent axles or skewers, tracking and index shifting problems
- can also be used to straighten frame and fork drop-outs with tool arm
- CNC machined alloy tool steel
- chrome plated steel



Fork

FH-92700

Universal swivel fork clamp

- holds tight the fork to cut threads, mill and face the fork's crown race seat, make many maintenances on suspension forks...
- new swivel design to drain the fork oil out without removing the fork from the clamp
- fits any types of forks (MTB, downhill, road forks)
- quick-release system for easy fitting and removal of fork
- vinyl coating gives a perfect protection of painting
- with QR9 (quick-release), 15x100 and 20x110 adaptors



FH-92750

Update kit for old fork clamps FH-92700

- compatible with swivel or standard fork clamps FH-92700
- to fit any types of fork axes except Lefty forks
- T-shaped sliding fork holding part
- with QR9 (quick-release), 15x100 and 20x110 adaptors



RP-42400

Valve core extractor for Schrader valves

- for removal and replacement of valve cores on pneumatic suspension systems as well as inner tubes with Schrader valves
- 40mm long shaft and 4,45mm diameter
- heavy-duty steel, exceptional durability
- comfortable and ergonomic dual density handle provides excellent grip
- doesn't fit Presta valves

FH-93100

Adjustable fork column cutting guide

- precisely guides a hacksaw to cut handlebars, fork columns from 1" to 1.5", integrated seat posts from 22mm to 39mm in diameter and even airfoil shaped seat posts up to 70mm
- holds tube tight to get a clean and square cut
- hardened steel body and plastic pads at contact points to protect tube surfaces



Headset die

- hardened high speed steel die
- CNC machined
- Our handle assembly **FH-04000** fits any VAR headset dies

- FH-04020-1** - 1"x24 TPI die (25,4mm)
- FH-04020-1.1/8** - 1 1/8"x26 TPI die (28,6mm)



Milling cutter

- high speed steel cutter
- CNC machined and hardened



Item number	Tool description	Compatible fork cutting set
FH-03810-26.4	Ø 26,4mm single cutter	FH-96300-26.5/30.1
FH-03810-26.5	Ø 26,5mm single cutter	
FH-03810-30.1	Ø 30,1mm single cutter	
FH-03810-30.2	Ø 30,2mm single cutter	
FH-03310-26.4/26.5	Ø 26,4-26,5mm double cutter	33 AC
FH-03310-26.5/27.2	Ø 26,5-27,2mm double cutter	
FH-03310-26.6/27.1	Ø 26,6-27,1mm double cutter	
FH-03310-27.1/27.1	Ø 27,1-27,1mm double cutter	
FH-03310-27.2/27.2	Ø 27,2-27,2mm double cutter	

FH-93800

Expanding reamer for fork column

- useful for proper stem assembly
- for fork columns of inner Ø from 21 to 24mm
- 6 hardened high speed steel blades

To be used with cutting oil **CD-77000** (page 7)



Headset

DR-03500

Headset and bearing cup press

- accurately presses 1", 1 1/8", 1 1/4", and 1.5" headset cups into head tube
- also presses BB30 cartridge bearings and Press Fit and Press Fit 30 cups into one piece bottom bracket shells
- features a quick-release press ring for fast operation
- long (30cm) handles for superior leverage
- CNC machined stepped bushings for a precise fit



DR-03520

Set of 2 bushings for headset and bearing cup press

- compatible with 1", 1 1/8", 1 1/4" and 1.5" headsets
- Fits headset cup press tools **DR-03400** and **DR-03500**



DR-03450

Set of two 1.5" headset press adapters

- fits headset press tool **DR-03400**
- to press 1.5" headset bearings and cups into headtube
- compatible with 1.5" integrated, semi-integrated and traditional headsets
- compatible with tapered and full 1.5" fork columns
- precision CNC machined for a perfect fit



PE-13800-BB30

Set of 2 rings for BB30 bearing assembly

- to be used with headset cup press DR-03500



PE-13800-PF

Set of 2 rings for Shimano Press Fit bearing assembly

- to be used with headset cup press DR-03500



PE-13800-PF30

Set of 2 rings for Press Fit 30 cups

- to be used with headset cup press DR-03500



DR-37203-1.1/8

1 1/8" replacement grip only (28,6mm)



DR-37300

Headset Cup Remover 1", 1 1/8", 1 1/4"

- makes headset cup removal easy
- fits 1", 1 1/8", 1 1/4" headset cups
- hardened tool quality steel
- tool head is made of hardened alloy steel for extended durability



DR-37400

Headset Cup Remover 1 1/4" and 1.5"

- makes headset cup removal easy
- fits 1 1/4" and 1.5" headset cups
- hardened tool quality steel
- tool head is made of hardened alloy steel for extended durability
- also remove the PressFit 30 (PF30) bottom bracket cups. The PressFit 30 inside diameter is the same as headset cups and are pressed in the same way



Headset

DR-10100

Fork crown race extractor

- to quickly and cleanly remove the headset crown race from any steel, aluminum and carbon fork columns
- works great with 1" and 1 1/8" and now 1 1/4" and 1 1/2" tapered steerer forks
- delivered with an extension tube to work on longer steering columns
- CNC machining
- hardened alloy tool steel collet and thrust bearing
- also suitable for removing Campagnolo and Fulcrum Ultra Torque and Power Torque crankset cartridge bearings



DR-14700

Crown race setting tool set

- to ensure fast, safe and accurate fit of the crown race onto the fork crown race seat
- also fits tapered steerer tube forks
- hardened tube end cap
- includes one universal setting tube and one setting ring of each size (1", 1 1/8", 1 1/4" and 1.5")
- rings made from Nylon to prevent any damage to the crown races
- chrome plated steel tube



DR-95500

1" and 1 1/8" star nut installation tool set

- sets the nut about 15mm (9/16") below the top of the steering column
- delivered with a 1" and 1 1/8" guide for a perfect driving of the nut



DR-95602 - replacement bolt



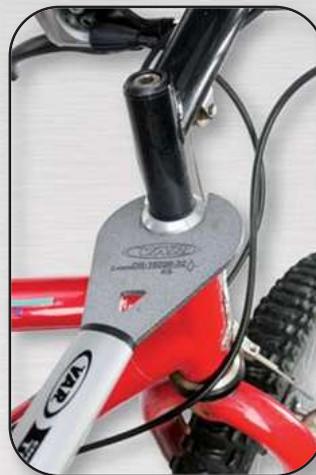
Professional headset wrenches

- to hold the upper headset cup
- high-precision laser cut
- 4mm thickness
- hardened alloy tool steel
- chrome plated steel

DR-16200-30 - 30mm opening

DR-16200-32 - 32mm opening

DR-16200-36 - 36mm opening



DR-98200

30x32x36x40mm headset wrench

- to adjust, fit and remove headsets
- jaws are precision cut for proper fitting
- hardened alloy tool steel
- chrome plated steel



Bottom bracket



BP-03000-35.1/36.1

Bottom bracket fixed cup tool

- to tighten and loosen the fixed cup on old type bottom brackets without slipping out
- equipped with jaw **BP-03005-35.1/36.1**
- hardened alloy tool steel



BP-03005-35.1/36.1 - 35,1x36,1mm jaw for Campagnolo, T.A., Shimano

BP-03005-35.5/36.8 - 35,5x36,8mm jaw for Maillard

BP-03005-37.8/38.1 - 37,8x38,1mm jaw for Stronglight

BP-41400

Bottom bracket tool for Campagnolo

- to fit and remove Campagnolo Record, Chorus, Athena, Miche and Stronglight JP SBB sealed cartridge bottom brackets
- precisely CNC machined
- hardened alloy tool steel
- industrial phosphate finish



BP-99300

Bottom bracket tool

- to fit and remove Sachs, Campagnolo Veloce, Mirage, Xenon, Centaur, Daytona Omega, Thun SKF, FAG and Shimano BBUN 10 bb cups
- cold forged and hardened chrome-molybdenum steel

BP-99500

Bottom bracket tool for Shimano XTR

- to fit and remove the cups on Shimano XTR, Ultegra (from 1998 to 2003) and Truvativ ISIS Drive sealed cartridge bottom brackets
- also to fit and remove the chainring locking on Shimano XTR, XT, LX, and STX-RC with guide **PE-99501** (page 26)
- hardened industrial quality chrome vanadium steel
- industrial phosphate finish



BP-03100

Set of bottom bracket tools

- to fit and remove most bottom brackets
- delivered with bb tools **BP-99300**, **BP-99500**, **BP-99600** and **BP-99900**
- long handles for hard-to-remove cups
- equipped with pilots to avoid slippage
- torque wrench **DV-10500** can be fitted using a 24mm socket (not delivered)

BP-03130 : bottom bracket tool with **BP-99300**

BP-03150 : bottom bracket tool with **BP-99500**

BP-03160 : bottom bracket tool with **BP-99600**

BP-03190 : bottom bracket tool with **BP-99900**



Bottom bracket tool for Shimano and ISIS Drive

- to fit and remove all models of Shimano's sealed cartridge bottom brackets including those with Octalink pipe billet spindles
- compatible with ISIS Drive for example FSA, Race Face, Stronglight (JP MX, JP 400, Twister and JP MX dh) bottom brackets
- drop-forged and hardened industrial quality chrome vanadium steel

BP-99600 - bottom bracket tool only

To be used with torque wrench **DV-10500** and adaptor **DV-10800** (page 59)

BP-99620 - bottom bracket tool with a spring loaded threaded axle to hold the tool against the cup

BP-99600



BP-99620



BP-99900

Bottom bracket tool for Hollowtech II and Ultra Torque

- for fitting and removal of Shimano XTR, Saint, Deore XT, Hone, Deore LX, Dura Ace 10 speed, Ultegra and 105 (2006 serie) bottom bracket cups
- compatible with Campagnolo Ultra Torque, Truvativ GXP, Race Face X-type, FSA Megaexo and Stronglight Pulsion Activ Link bottom brackets
- to be used with torque wrench **DV-10500** and adaptor **DV-10800** (page 59)
- cold forged and hardened cromoly steel
- use tool **PE-60220** to remove crank arm adjustment cap (page 24)



Bottom bracket

BP-62100-C

Premium bottom bracket wrench for Hollowtech II

- to fit and remove Shimano Hollowtech II, Race Face X-type, FSA Mega-Exo, Truvativ GXP, Sram GXP, Campagnolo and similar bottom bracket cups with 16 external notches
- 30cm long tool provides tremendous leverage
- hardened high quality carbon steel
- equipped with tool **PE-60220** to fit and remove crank arm adjusting caps
- thick handle features an ergonomically designed over-molded rubber slip-resistant grip for optimum comfort
- unmatched quality and comfort for a consumer tool
- packaged carded



BP-96100

Professional wrench for Shimano Hollowtech II bottom brackets

- for fitting and removal of Shimano (XTR, Saint, Deore XT, Hone, LX, Dura Ace 10 speed, Ultegra), Campagnolo Ultra Torque, Truvativ, Giga X-Pipe, Race Face X-type, FSA Megaexo cartridge bearing bottom brackets
- laser cut and hardened CR-VA steel



BP-60200-C

15x17mm pedal and bottom bracket wrench

- for fitting and removal of Shimano Hollowtech II (XTR, Saint, Deore XT, Hone, LX, Dura Ace 10 speed, Ultegra), Truvativ Giga X-Pipe, RaceFace X-type, FSA Megaexo, Campagnolo Ultra-Torque and Stronglight Pulsion Activ Link bearing bottom brackets
- 15x17mm pedal wrench
- hardened alloy tool steel



BP-60300

15x17mm pedal and bottom bracket wrench

- for fitting and removal of Shimano XTR and Dura Ace bottom brackets (1996–2002)
- 15x17mm pedal wrench
- high-precision laser cut
- hardened tool quality steel





New!

Available
January 2015

BP-60500-C

Wrench for Shimano Hollowtech II and SM BB9900 bottom brackets

- the small size is compatible with Shimano Dura Ace BB9000 series and XTR BB93 series threaded bottom brackets
- the Dura-Ace threaded bearing adaptors have an outside diameter of 39mm
- the large size is compatible with Shimano Hollowtech II, Campagnolo, Truvativ GXP, Sram GXP, RaceFace X-type, FSA MegaExo threaded bottom brackets
- These threaded bearing adaptors have an outside diameter of 44mm

BP-01300

Adjustable peg spanner

- to adjust the bottom bracket adjusting cup and some old type freewheels featuring 2 holes
- high-precision laser cut
- pins are made of hardened Nickel Chrome steel



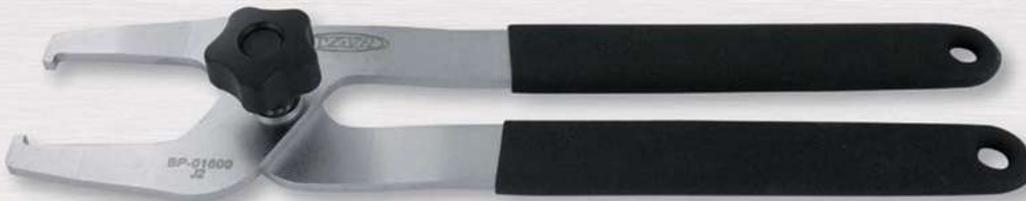
BP-01303-2 - bag of 2 pins



BP-01600

Bottom bracket lock ring pliers

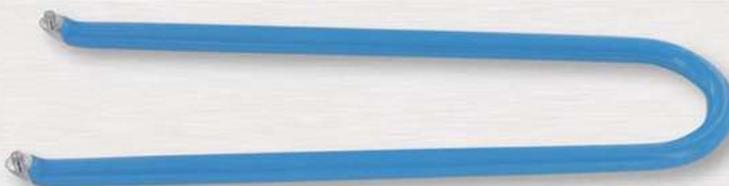
- to adjust the locknut on old type bottom brackets
- 2 setting positions
- pins are made of hardened alloy tool steel



BP-92600

Adjustable peg spanner

- to easily adjust the adjusting cup on most old type bottom brackets
- hardened alloy tool steel
- vinyl coated for comfort



BP-30200

Bottom bracket lock ring spanner

- to adjust the locknut on bottom bracket
- fully vinyl coated for an excellent protection of painting on bottom bracket shell and for comfort
- hardened alloy tool steel



Crankset and pedals

PE-12900

Press Fit bottom bracket bearing remover

- compatible with BB86, BB90, BB92 Shimano Press Fit, Sram Press Fit GXP, RaceFace Press Fit and other Press Fit bottom bracket systems with 23 or 24mm spindles
- compatible with Press Fit bottom brackets with or without an inner cover
- easily slides through the BB shell and expands behind the bearing
- to be used with double face hammer **DV-56800** to drive the cup out
- to press the cups into the BB shell, use our headset and bearing cup press **DR-03500** (page12) with bushings **PE-13800-PF**



PE-13400

Bottom bracket cup press tool for Campagnolo OS Fit and Shimano Press Fit

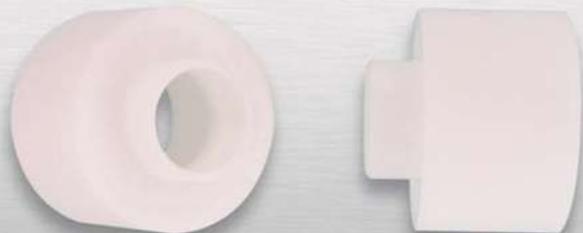
- to fit Campagnolo OS Fit 86,5x41, Campagnolo OS Fit 68x42 and Shimano Press Fit cups
- simultaneous fitting of left and right cups
- both Campagnolo (grey) and Shimano (white) bushings are equipped with a ball thrust bearing



PE-13800-PF

Set of 2 rings for Shimano Press Fit bearing assembly

- to be used with headset cup press **DR-03500** (page 12)
- for pressing Shimano Press Fit cups into the BB shell
- rings are made from Delrin that won't damage any cups or bearings
- pressing areas on the cups or bearings comply with manufacturers' requirements
- precise CNC machining to ensure a quality assembly



PE-13500

Bearing press and extractor for BB30 cranksets

- for smooth and quick fitting and removal of BB30 cartridge bearings
- won't damage the cartridge bearing seat into the BB shell
- pressing ring with bearing seat is made from Delrin and protects frame painting
- CNC machined and chrome plated
- hardened ball thrust bearing



PE-13800-PF30

Set of 2 rings for Press Fit 30 cups

- to be used with press tool DR-03500 (page 12)
- for pressing Press Fit 30 cups into the BB shell to fit BB30 cranksets
- rings are made from PVC that won't damage any cups
- rings press on cups but not on bearings
- precision CNC machining for a perfect fit



PE-13800-BB30

Set of 2 rings for BB30 bearing assembly

- to be used with headset cup press DR-03500 (page 12)
- for pressing BB30 bearings into the BB shell
- rings are made from Delrin that won't damage any bearings
- pressing areas on the bearings comply with manufacturers' requirements
- precise CNC machining to ensure a quality assembly



Standard	Press Fit / BB86, BB92	BB 30	Press Fit 30	OS Fit 86,5x41 / Press Fit	OS Fit 68x42 / BB30
Description	Designed by Shimano fits \varnothing 41mm cups into a threadless frame shell	Designed by Cannondale \varnothing 42mm bearings directly pressed into the frame shell	Designed to fit \varnothing 46mm cups into a threadless frame shell	Designed by Campagnolo to fit an Ultra Torque crankset into a Press Fit frame shell	Designed by Campagnolo to fit an Ultra Torque crankset into a BB30 frame shell
Fitting	PE-13400 or PE-13800-PF and DR-03500	PE-13500 or PE-13800-BB30 and DR-03500	PE-13800-PF30 and DR-03500	PE-13400	PE-13400
Removal	PE-13300	PE-13500	DR-37400	PE-12900	PE-12900

Crankset and pedals

PE-10800-14

14mm hex bit socket for Campagnolo Power Torque cranksets

- super heavy-duty steel designed for high torque applications
- 3/8" square drive socket
- to be used with torque wrench DV-10500 (page 59)



PE-13100

Crank bearing installation set for Campagnolo and Fulcrum Ultra Torque and Power Torque

- to press cartridge bearings on Campagnolo and Fulcrum Ultra Torque and Power Torque cranksets
- precise fit to the inner bearing race which will not damage bearing surfaces during operation
- head of the tool is hardened for long tool life
- delivered with a steel base to be clamped in a bench vise to hold the crank and make bearing fitting easy



PE-13200

Crank extractor for Campagnolo Power Torque

- to remove Power Torque crank arms from the bottom bracket spindle
- compatible with aluminum cranks only
- contact surfaces specially designed to minimize damage to the crank
- hardened tool quality steel
- to be used with 14mm hex bit for Campagnolo Power Torque crankset PE-10800-14 and 12" adjustable wrench DV-55400 (page 62)



PE-10800-10

10mm hex bit socket for Campagnolo Ultra Torque cranksets

- the 62mm length makes removal of Campagnolo Ultra Torque semi-axle easier
- super heavy-duty steel designed for high torque applications
- 3/8" square drive socket
- to be used with torque wrench DV-10500 (Page 59)



DR-10100

Crank bearing extractor

- to remove pressed cartridge bearings from Campagnolo and Fulcrum Ultra Torque and Power Torque crank arms after internal snap-ring removal
- for a quick and smooth removal without damaging any part
- CNC machining
- hardened alloy tool steel collet and thrust bearing
- also suitable for removing 1" and 1 1/8" crown races and now 1 1/4" and 1 1/2" crown races from fork column



	Campagnolo Ultra Torque		Campagnolo Power Torque	
	Crank arms	Bearings	Crank arms	Bearings
Installation	PE-10800-10 and DV-10500 or DV-12200	PE-13100	PE-10800-14 and DV-10500 or DV 12200	PE-13100
Removal	PE-10800-10 and DV-12000	DR-10100	PE-10800-10 and DV-12000, then PE-13200 (only for alu crank arms)	DR-10100

Crankset and pedals



PE-11000

Crank arm repair kit

Designed to repair and remove a crank arm whose pulling threads are damaged.

Thread a pilot into the bottom bracket spindle, slide onto it the small tap and cut new 24mm x 150 threads. Then thread special 24mm x 150 extractor to remove the crank arm. Finally, fit one of those special 24mm dust caps into new threads.

The kit includes :

- 3 tapping pilots (bolt, nut and splined « Pipe Billet » types)
- 1 tap in 24mm x 150 made from hardened high speed steel
- 1 special crank extractor in 24mm x 150
- 4 aluminum dust caps
- 4 hex fixing bolts of 8mm
- 1 M8/M15 crank extractor adaptor for pipe billet spindles **PE-39500**

PE-11108 - bag of 4 dust caps and 4 hex bolts of 8mm

To be used with cutting oil **CD-77000** (page 7)



PE-09600-08

8mm wrench for Shimano and standard cranksets

- to fit and remove cranks equipped with hex screws
- ergonomic handle for excellent comfort
- hardened chrome vanadium steel
- chrome plated steel



PE-60220-C

Roller for Shimano Hollowtech II crank arm adjustment cap

- engages the 8 internal splines of the Shimano Hollowtech II crank arm adjustment cap
- nylon reinforced with fiberglass



Set of 2 crank taps

- to clean out or restore damaged threads in crank arms
- fits tap handle **DV-04320** (page 66)
- precision ground
- hardened alloy tool steel

PE-04100-9/16 - set of 2 taps 9/16"x20 TPI (L&R)

PE-04100-1/2 - set of 2 taps 1/2"x20 TPI (L&R)

To be used with cutting oil **CD-77000** (page 7)



PE-04700

Crank repair kit

Ideal for repairing damaged threads in cranks and saving high-end cranks.

First, you have to cut new 5/8"x24 TPI oversized threads in crank arms. Apply some thread lock **NL-77400** (page 53) to the outside of the threaded insert and then thread it into the new threading in the crank. Finally, fit pedal spindle into the insert.

Both taps fit conventional tap handle **DV-04330** (page 66)
To be used with cutting oil **CD-77000** (page 7)

The kit includes :

- 1 set of 2 reaming taps in 5/8"x24 tpi (L&R)
- 5 threaded bushings for right crank arms
- 5 threaded bushings for left crank arms
- delivered in a compartmented plastic box



PE-04703-5 - bag of 5 bushings 9/16"x20 TPI Right thread
PE-04704-5 - bag of 5 bushings 9/16"x20 TPI Left thread

PE-62000-C

Premium pedal wrench

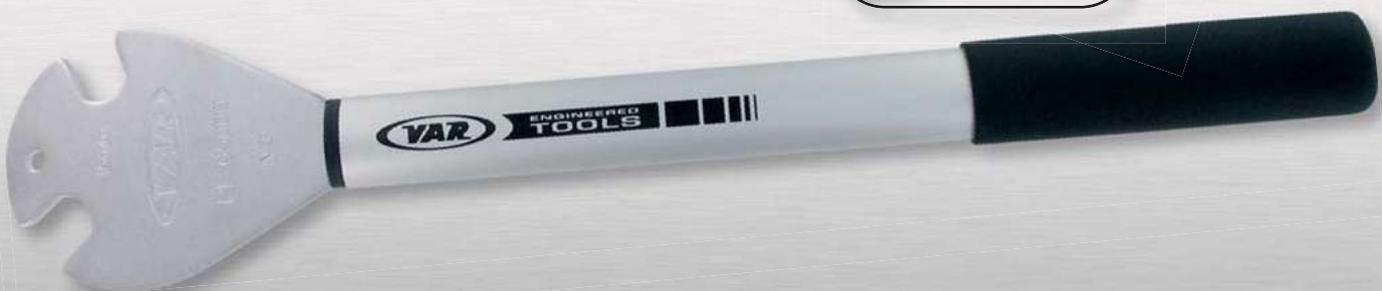
- two 15mm wrench openings oriented at two angles for an easy fit regardless of the pedal position
- thick handle features an ergonomically designed over-molded rubber slip-resistant grip for optimum comfort
- 30cm long tool provides tremendous leverage
- high quality hardened alloy steel
- unmatched quality and comfort for a consumer tool
- packaged carded



PE-65000

15mm professional pedal wrench

- precision cut
- long handle for an excellent leverage
- hardened chrome vanadium steel
- chrome plated



Crankset and pedals

PE-01000

Crank extractor with M8/M14/M15 rotating tip

- to remove 22mm splined Shimano Octalink and ISIS Drive crank arms as well as square-holed crank arms
- 8mm hex wrench to remove crank bolts
- CNC machined
- hardened tool quality steel



PE-39300

22 and 23mm crank extractor

- to remove any 22mm crank arm (Shimano, Campagnolo, Sram, TA,...) and 23mm (old type TA)
- CNC machined
- rotating tip is made from hardened alloy tool steel



PE-39500

M8/M15 crank extractor adaptor for billet spindles for Shimano

- to fit Shimano Octalink and ISIS Drive splined, oversized " Pipe Billet " bottom bracket spindles for crank arm removal
- hardened alloy tool steel
- to be used with crank extractor PE-39300



PE-95000

Professional ratcheting crank bolt wrench

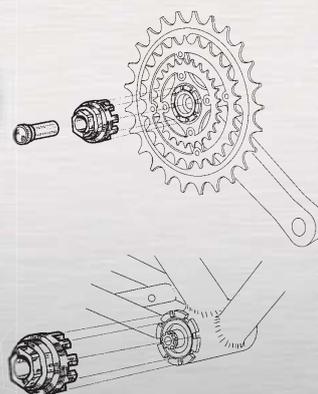
- reversible ratcheting wrench for fast and easy use
- 14 and 15mm sockets
- drop-forged and hardened tool quality steel



PE-99500

Chaining tool for Shimano

- to fit and remove Shimano XTR, XT, LX, and STX RC chainrings with guide PE-99501 (included)
- also designed to fit and remove Shimano XTR M950 and Ultegra (from 1998 to 2003) and Truvativ ISIS Drive sealed cartridge bottom brackets
- hardened industrial quality chrome vanadium steel
- industrial phosphate finish



PE-35300

Chaining bolt wrench

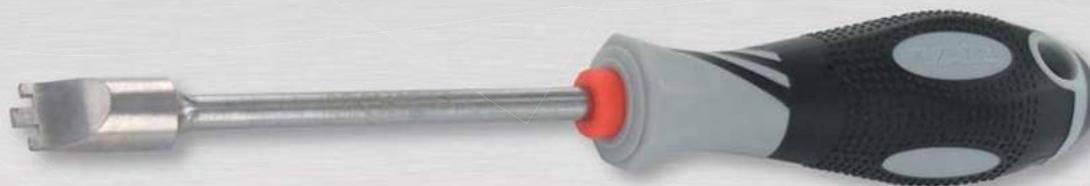
- double-ended to fit both standard (Shimano, Campagnolo, Truvativ, FSA, TA, Stronglight) and Campagnolo Ultra Torque bolts
- hardened tool quality steel



PE-35400

Tool for chaining bolts

- comfortable and ergonomic dual density handle provides excellent grip
- hardened tool quality steel



PE-35500

Combined tool for chaining bolts

- to securely hold the slotted nut to prevent spinning while tightening or loosening the bolt at the same time
- unique design with a 5mm hex & T30 reversible bit
- ergonomic handle for an efficient tightening



PE-94000

Chaining straightener

- narrow slot for straightening chainrings and wide slot for spider arms, dropouts,...
- hardened alloy tool steel
- chrome plated steel



Freewheel and cassette

RL-62200-C

Premium sprocket remover

- curved tool head fits the cassette shape and make operations easy
- fits all 5 to 11 speed cassettes and freewheels
- thick handle features an ergonomically designed over-molded rubber slip-resistant grip for optimum comfort
- 30cm long tool provides tremendous leverage and easy removal even of the tightest cassettes
- unmatched quality and comfort for a consumer tool
- packaged carded



RL-62400-C

Premium cassette lockring wrench for Shimano HG & Sram

- to fit and remove Shimano, Sram, SunRace, SunTour, Chris King and other cassette lockrings
- also fits Shimano disc brake CenterLock lockrings
- guide pin to hold the tool into the hub
- thick handle features an ergonomically designed over-molded rubber slip-resistant grip for optimum comfort
- 30cm long tool provides tremendous leverage and easy removal even of the tightest cassettes
- unmatched quality and comfort for a consumer tool
- packaged carded



RL-62500-C

Premium cassette lockring wrench for Campagnolo

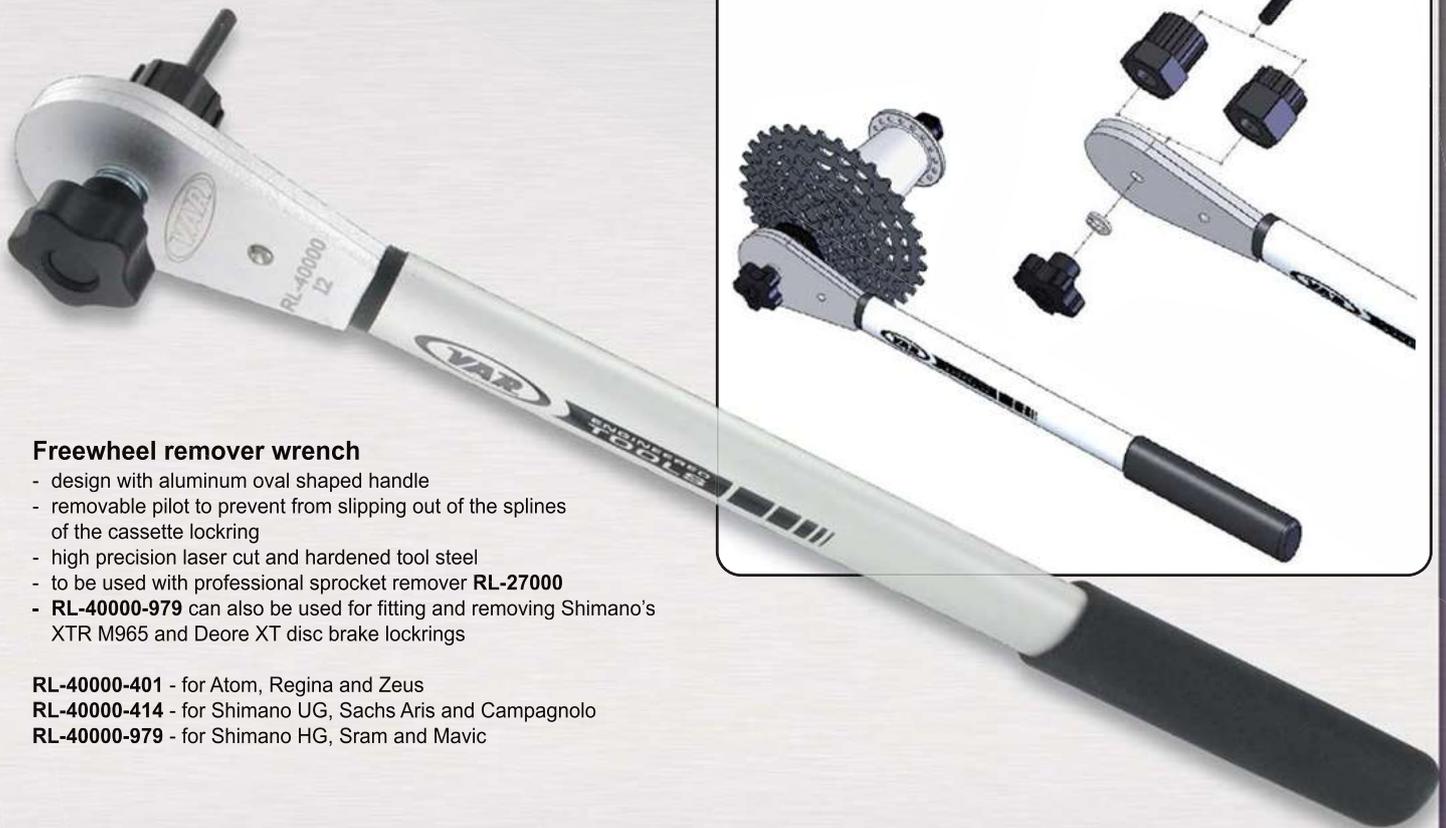
- to fit and remove all Campagnolo cassettes (including 11 speed)
- guide pin to hold the tool into the hub
- thick handle features an ergonomically designed over-molded rubber slip-resistant grip for optimum comfort
- 30cm long tool provides tremendous leverage and easy removal even of the tightest cassettes
- unmatched quality and comfort for a consumer tool
- packaged carded



RL-27000

Professional sprocket remover

- to fit and remove a freewheel on a threaded hub and to hold a cassette when removing it
- excellent grip on cogs thanks to its curved head
- compatible with 9,10 and 11 speed cassettes
- high precision laser cut and hardened tool steel
- equipped with narrow chain



Freewheel remover wrench

- design with aluminum oval shaped handle
- removable pilot to prevent from slipping out of the splines of the cassette locking
- high precision laser cut and hardened tool steel
- to be used with professional sprocket remover **RL-27000**
- **RL-40000-979** can also be used for fitting and removing Shimano's XTR M965 and Deore XT disc brake lockrings

RL-40000-401 - for Atom, Regina and Zeus

RL-40000-414 - for Shimano UG, Sachs Aris and Campagnolo

RL-40000-979 - for Shimano HG, Sram and Mavic



RL-97910

Special cassette remover for RL-40000-979

Freewheel and cassette

Cassette and freewheel removers

- CNC machined
- hardened alloy tool steel



RL-18600

for old type Shimano, Suntour, Atom and Regina
2 notch freewheels

RL-18710

for old type 1 speed 2 notch freewheels



RL-18720

for old type 1, 2 and 3 speed 2 notch freewheels

RL-18800

for old type Cyclo and 4, 5 and 6 speed Regina 2 notch
freewheels



RL-40100

for Atom®, Regina and splined Zeus freewheels
to be used with freewheel remover wrench **RL-40000** (page 29)

RL-40200

for 4 notch ACS BMX freewheels 14/15 teeth
Compatible with 14mm oversized axles



RL-40300

for 4 notch BMX freewheels such as ACS Fat 16/22 teeth
Compatible with 14mm oversized axles

RL-40400

for Campagnolo 2 helicoidal notch aluminum freewheels



RL-40500

for splined Maillard Normandy freewheels



RL-41100

for splined Tiger, Falcon and old type Shimano freewheels



RL-41300

for old type Suntour and Maillard "course" 2 notch freewheels



RL-41400

for Shimano UG, Sachs Aris and Campagnolo freewheels
To be used with freewheel remover wrench **RL-40000-414**



RL-41500

for splined Falcon freewheels type FW-L804, FW-L80, FW-L704, FW-L70, FW-L604 and FW-L60



RL-41600

for Shimano UG, Sachs Aris and Campagnolo freewheels
Features a guide pin and a 1/2" square drive
to be used with torque wrench **DV-10500** and adaptor **DV-10800**



RL-41700

for Maillard "Hélicomatic" and "Super Plus" freewheels



RL-96400

for Suntour 4 notch freewheels since 1986



RL-97900

for Shimano Hyperglide, Sram and Mavic cassette lockrings
RL-97910 is to be used with freewheel remover wrench **RL-40000-979**. Also fits Shimano® disc brake lockrings



RL-98000

for Shimano Hyperglide, Sram and Mavic cassette lockrings
Features a guide pin and a 1/2" square drive to be used with torque wrench **DV-10500** and adaptor **DV-10800** (page 59)
Also fits Shimano® disc brake lockrings



Freewheel and cassette

RL-00900-C

Consumer sprocket remover

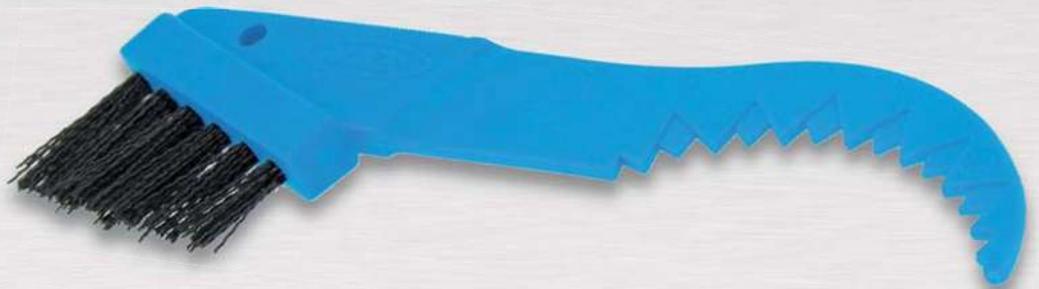
- to remove and fit threaded cogs on freewheels and to hold a cassette for locking removal on a freehub
- removing some old type freewheels may require two sprocket removers
- packaged carded



RL-96200-C

Gear and chain cleaning brush

- to clean chains, brakes, derailleurs and spaces between the cogs thanks to his curved and toothed end
- brush made of sturdy nylon fiberglass reinforced
- saves wear and tear on chain and cassette
- packaged carded



Hex wrench for freehub bolt

- to remove most freewheels and cassette bodies including Shimano **RL-09600-10**
- for Sram, Mavic, Sun Race, Sovos, please use either **RL-09600-11** or **RL-09600-12**
- ergonomic handle for an excellent comfort
- hardened industrial quality chrome vanadium steel
- chrome plated steel

RL-09600-10 - 10mm hex wrench

RL-09600-11 - 11mm hex wrench

RL-09600-12 - 12mm hex wrench

RL-09600-15 - 15mm hex wrench

CH-04800-C

Premium chain tool

- compatible with 7-10 speed road and MTB chains
- also compatible with 11 speed Shimano and Sram XX1 chains
- compact tool, very easy to take along with you in a bag
- ergonomically designed, handles with wide finger contact points
- heavy-duty investment cast tool body
- packaged carded



CH-06600

Universal professional chain tool

- compatible with any chain up to 11-speed
- high precision CNC machined parts
- knurled knob features 4 settings : wide and BMX chains, 7 to 11-speed Shimano and Sram chains, Campagnolo 11-speed chains, rivet peening on Campagnolo 11-speed chains
- fine tuning for a perfect fit
- hardened removable pin
- ergonomic handles and comfortable overmolded body

CH-05802-5 - bag of 5 pins



CH-04900-C

Chain wear indicator

- a worn chain makes poor shifting and will slip over the cog teeth. Premature wear of chainrings and sprockets may happen
- features two gauges for checking chain stretch
 - a/ +0,075 per link : chain to be replaced quickly in order to avoid sprocket replacement
 - b/ +0,10 per link : chain and sprockets to be replaced at once, chainrings may be worn
- stainless steel
- high precision cut
- packaged carded



Chain

CH-06300

Chain plier for Master links

- quick and easy removal of master links such as Powerlink, Powerlock or similar products
- avoid difficult handlings with bare hands on a dirty and slippery chain
- hardened tool quality steel
- ergonomic shape for comfort



CH-06400

New!

Available
January 2015

Chain plier for Master links

- quick and easy installation and removal of Master Links such as Powerlink, Powerlock or similar products
- avoid difficult handlings with bare hands on a dirty and slippery chain
- hardened tool quality steel
- ergonomic shape for comfort



CH-30310

Professional plier type chain tool

- for fast and easy removal, fitting and repair of wider 3/32" chains
- drop-forged and chrome plated steel
- pin is made from hardened alloy tool steel
- vinyl coating for excellent comfort



CH-30313-5 - bag of 5 pins



CH-30320

Professional plier type chain tool for Shimano HG and Sram narrow chains

- for fast and easy removal, fitting and repair of most chains including Shimano HG, IG and Sram
- the travel adjusts to return the rivet back the proper distance in the built-in recess
- drop-forged and chrome plated steel
- pin is made from hardened alloy tool steel
- vinyl coating for excellent comfort

CH-30313-5 - bag of 5 pins



CH-30327 - adaptor



CH-90700-C

Chain rest

- to hold chain tension when rear wheel is removed during repair or transport
- simple, easy to install device for protecting chains and frames
- very handy to carry a bike without rear wheel in the trunk, in a frame bag or on a bike carrier
- fiberglass reinforced nylon
- packaged carded



CH-90800-C

Chain rest and rear dropout axle

- to fit between dropouts for holding chain tension when rear wheel is removed
- recommended for bike transport when wheel is removed
- avoid accidental frame compression
- compatible with road frames (130mm) and mountain bike frames (135mm)
- quick fitting and locking without any key
- fiberglass reinforced nylon body and CNC machined axle
- packaged carded



Cables and brakes



Bottle of 200 cable end caps
 - fit on both derailleur and brake cables
 - made of aluminium alloy



FR-01730
 for derailleur cable from
 Ø 1,2 to 1,5mm



FR-01740
 for brake cable from
 Ø 1,8 to 2mm



Bottle of 200 steel cable housing ferrules
 - for perfectly holding housings into
 frame housing stops
 - ferrules are made of chrome plated
 steel

FR-01750
 for 4mm cable housing



FR-01760
 for 5mm cable housing



Bottle of 100 plastic cable housing ferrules
 - for perfectly holding housings into
 frame housing stops
 - ferrules are made of black plastic

FR-01850
 for 4mm cable housing



FR-01860
 for 5mm cable housing



Bottle of 600 O-ring rubber seals
 - to fit over cable to protect frame finishes
 - suitable for brake and derailleur cables

FR-01770
 black O rings



FR-01870
 translucent O rings



FR-07900-C

Consumer cable cutter

- triangular clean cut
- hardened alloy tool steel
- not convenient for cutting spokes
- vinyl coating for excellent comfort
- packaged carded



FR-99100-C

Professional cable and housing cutter

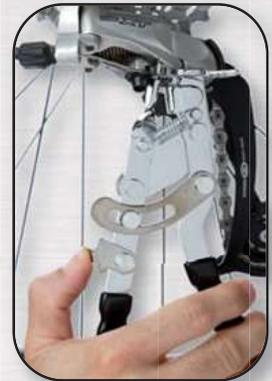
- to cut all bicycle cables and housings including hard-to-cut index housings
- precision ground cutting jaws for a clean cut
- heavy-duty hardened cutter for great durability
- built-in crimper for cable end caps and forming hole for reforming housing ends and housing ferrules
- ergonomic rubber grips provide superior comfort



FR-23300

Professional cable stretcher

- pulls cables tight while adjusting brakes or index shifting
- thumb lock system holds the cable tight while your hand is removed to tighten pull-up bolts and nuts
- hardened and chrome plated alloy tool steel
- vinyl coating for excellent comfort



Brake and derailleur wrenches

- 2,5mm ultra thin wrenches
- hardened tool quality steel
- chrome plated steel

FR-93600-08/09 - 8x9mm wrench
(1 piece)

FR-93600-10/11 - 10x11mm wrench
(1 piece)



Cables and brakes

FR-29700

Hydraulic hose cutter

- for a clean, quick and effortless cut of hydraulic brake hoses
- prevent bias cut that gives a poor fitting of inserts and olives
- heavy-duty hardened steel blade
- comfortable vinyl coating
- not suitable for cutting derailleur and brake cables and housings



FR-29800

Lever for hydraulic brake pads

- to compress hydraulic pistons before brake pad replacement or bleeding
- to be used when brake pads are installed
- specially shaped to prevent major damages to the pads when compressing
- hardened tool quality steel
- ergonomic aluminum oval shaped



FR-29900

Disc brake rotor straightener

- to gently straighten mountain bike disc brake rotors
- 2 slots depths: one long for bent brake rotors at rotor arm and one short for those bent at the braking area
- high-precision laser cut
- hardened tool quality steel
- comfortable handle

As bent or damaged disc brake rotors are often due to misaligned disc brake calipers to wheel hubs, we advise you to use tool **CD-14000** (page 9)



Professional hydraulic disc brake bleeding kit

Never mix mineral oil and DOT fluid to save brake seals. We recommend the use of one bleeding kit for mineral oil and another one for DOT brake fluid.

We strongly recommend the use of gloves such as **NL-78000** (page 53) for any hydraulic brake, fork and rear shock services due to the corrosiveness of mineral oil and DOT fluid.

- to bleed most hydraulic disc brakes
- includes 2 shop quality 30ml syringes
- much longer life than conventional syringes
- 4, 5 and 6mm threaded adaptors
- 3 hoses equipped with clamps on each hose to prevent fluid from getting back in unintentionally
- kit compatible with mineral oil and DOT brake fluid
- comes in plastic storage case

FR-30000-N - for mineral oil, black syringes

FR-30000-O - for DOT brake fluid, orange syringes



FR-30000-N



FR-30000-O



FR-30011 - replacement seal-O-ring for syringes (50ml) **FR-30000-N** and **FH-30000-O**

FR-30021 - replacement seal-O-ring for syringes (30ml) **FR-30000-N** and **FH-30000-O**

FR-30014-2 - set of 2 hoses and M4 fittings - black

FR-30015-2 - set of 2 hoses and M5 fittings - grey

FR-30016-2 - set of 2 hoses and M6 fittings - orange

FR-30050 - set of 2 hoses and Hayes fittings - blue

FR-30011



FR-30050



Wheels and pumps

RP-25000-C

Mini-pump

- recommended for mountain and city bikes
- compact and lightweight pump to take along in a bag or jersey pocket
- fits Presta and Schrader valves
- reinforced composite barrel
- comfortable non-slip dual density handle
- mounting bracket to securely attach to water bottle bosses
- 120psi capacity (8bar)



RP-25100-C

Telescopic mini-pump

- recommended for mountain and city bikes
- very compact and lightweight pump to take along in a bag or jersey pocket
- telescopic feature for faster and easier inflation
- fits Presta and Schrader valves
- reinforced composite barrel, telescopic aluminum barrel
- comfortable non-slip dual density handle
- mounting bracket to securely attach to water bottle bosses
- 120psi capacity (8bar)



RP-25200-C

Telescopic mini-pump

- recommended for mountain and city bikes
- telescopic feature for faster and easier inflation
- high volume of air at every stroke
- fits Presta and Schrader valves
- aluminum barrel, reinforced composite telescopic barrel, aluminum shaft
- comfortable non-slip dual density ergonomic T-handle
- mounting bracket to securely attach to water bottle bosses
- 80psi capacity (6bar)



RP-45000-C

Premium mountain mini-pump

- recommended for mountain and city bikes
- CNC machined and polished aluminum construction
- retractable flexible hose is stored inside pump barrel
- fits Presta and Schrader valves, Presta adaptor stored in the handle
- mounting bracket to securely attach to water bottle bosses
- 80psi capacity (6bar)



RP-45100-C

Premium CNC mini-pump

- recommended for mountain and city bikes
- all CNC machined aluminum construction
- anodized high-polish finish makes this pump stylish
- quick and easy inflation
- telescopic barrel provides very high volume of air at every stroke
- ultra compact and lightweight, easy to fit in a bag or jersey pocket
- 18cm when folded up, 38cm when folded out
- fits Presta and Schrader valves
- mounting bracket to securely attach to water bottle bosses
- 80psi capacity (6bar)



RP-45200-C

Premium high pressure mini-pump

- recommended for road bikes
- all CNC machined aluminum construction
- anodized high-polish finish makes this pump stylish
- quick and easy inflation
- telescopic barrel provides very high volume of air at every stroke
- ultra compact and lightweight, easy to fit in a bag or jersey pocket
- 18cm when folded up, 38cm when folded out
- fits Presta valves
- mounting bracket to securely attach to water bottle bosses
- 120psi capacity (8bar)





RP-80100-C

Consumer floor pump

- economical and durable pump
- steel barrel is strongly fixed into the large composite base
- stable base with large foot pads
- fits Presta, Dunlop and Schrader valves
- large dual density ergonomic handle for optimal comfort
- precision pressure gauge
- 160psi capacity (11bar)



RP-80200-C

Floor pump Premium

- heavy-duty construction with steel barrel and base
- wide stiff base provides maximum stability
- quick and easy inflation even at high pressure
- extra-long reinforced rubber hose
- fits Presta, Dunlop and Schrader valves
- large dual density ergonomic handle for optimal comfort

RP-80300-C

Professional floor pump

- ultimate high pressure floor pump
- heavy-duty CNC machined aluminum construction
- anodized high-polish finish makes this pump stylish
- large polished aluminum base gives excellent stability and stiffness
- quick and easy inflation even for road bikes
- extra-long reinforced rubber hose
- fits Presta, Dunlop and Schrader valves
- air release button allows fine tuning of tire pressure
- ergonomic tubular polished aluminum handle
- large precision pressure gauge (2,5") for optimum readability
- 180psi capacity (12bar)



RP-80400

Air inflator with gauge

- special for compressor
- universal hose for bicycle, moped and motorcycle tyres



Wheels and pumps

RP-42500-C

Nylon tyre lever system

- specially designed for road narrow tyres
- removable lever works as a second tyre lever
- nylon reinforced with fiberglass not to damage rim and tube
- to be taken along for a ride



RP-42900-C

Set of 3 nylon tyre levers

- nylon reinforced with fiberglass for long life
- excellent stiffness, ideal for hard to remove tyres
- ergonomic shape
- features a scuff pad
- slide into each other for easy storage



RP-42900-B

Retail counter display box of 25 sets

RP-43000

Professional tyre lever

- designed to remove the toughest tyres (downhill, freestyle, ...)
- long handle (8,26" - 21cm) gives excellent leverage
- ergonomic and anti-slip dual density handle for great comfort
- forged and hardened tool quality steel



RP-43100-C

Set of 2 nylon tyre levers

- nylon reinforced with fiberglass for long life
- wide, flat and very stiff to remove even the toughest tyres including most tubeless tyres
- compact size to take along for a ride in a bag
- features a scuff pad
- slide into each other for easy storage



RP-43100-B

Retail counter display box of 25 pairs



RP-43300

Tool for removing city bike tyre and inner tube

- avoid removal of rear wheel with internal-gear hub
- provides substantial time-saving as it doesn't modify the index shifting
- fits steel frame city bikes, not suitable for aluminum frames
- heavy-duty construction with wide forks
- laser cut and hardened parts for durability
- long ergonomic handles provides excellent grip and leverage



RP-44000-C

Patch kit

Includes :

- 4 patches 24x34mm
- 2 patches 32x52mm
- 1 rubber cement tube
- 1 metal scraper



RP-44000-B

36 kit countertop display



RP-44100-C

Glueless patch kit

- for a quick repair without using any rubber cement
- adhesive patch stretches and twists right along with the tube

Includes :

- 6 adhesive patches 30x30mm
- 1 metal scraper



RP-44100-B

36 kit countertop display



Available
January 2015

RP-44200

16g threaded CO2 cartridges

- 16 grams is the most popular size CO2 cartridge
- specially designed to inflate tyres to high pressure quickly
- perfect for road or mountain bike tyres, tubeless or tubetype
- the insulating label protects fingers against freezing when gas comes out
- Fits any common CO2 inflators



New!

Available
January 2015

RP-44200-B

Display of 24 threaded CO2 cartridges (16g)

Adhesive high pressure rim tapes

- reinforced and suitable for high pressure
- 10 or 45m rolls
- colour : grey

- RP-44700-16 : 10m x 16mm
- RP-44700-18 : 10m x 18mm
- RP-44700-20 : 10m x 20mm
- RP-44800-16 : 45m x 16mm



Wheels and pumps

RP-02200

Bladed spoke holder

- securely holds bladed spokes to prevent twisting during spoke tension process
- fits 0,9mm bladed spokes including DT Swiss Aerolite, Sapim CX Ray, CN Spoke Aero 424
- long guiding blade for great holding feature
- ergonomically designed over-molded rubber slip-resistant grip for comfort

New !



RP-02400-C

Spoke wrench for Mavic wheels

- unique three-sided design fits any Mavic wheels equipped with M7, M7oversized nipples and M9 threaded eyelets
- 127mm length for comfortable use
- hardened tool quality steel for exceptional durability
- packaged carded



Professional spoke wrenches

- available in 3 sizes, one single size per key : 3,2/3,3 or 3,5mm
- hardened metal insert, very high hardness level
- precise openings prevent aluminium nipples from rounding out
- ergonomic composite body provides excellent grip and comfort even when high spoke tensions are needed
- packaged carded

RP-02600-3.2-C



RP-02600-3.3-C



RP-02600-3.5-C



RP-02500

Triple spoke wrench

- to adjust spoke tension, compatible with 3,2/3,3/3,5mm nipples
- hardened tool quality steel
- high precision manufacturing process to prevent damaging nipples when tensioning spokes
- nickel plated

RP-05400

Universal spoke wrench

- to adjust tension spoke on gauge 13, 15, 16, 17, 18 and 19 nipples
- hardened alloy tool steel



RP-25510

Professional combined spoke wrench

- 13 and 15 gauges (3,30 and 3,50mm)
- to adjust spoke tension on nipples
- also great for holding flat spokes while truing a wheel
- hardened alloy tool steel
- nickel plated steel





RP-14300

Wheel alignment gauge

- to check that the rim is properly centered between the locknuts of the hub
- fits road, mountain or BMX wheels from 14" to 29"
- fits any hub width
- compatible with hub axles of 9, 10, 12x142, 15x100 and 20x110
- wheel size markings on tube allow quick and easy diameter adjustment
- can be used with or without tire on the rim
- chrome plated tube and fiberglass reinforced Nylon sliding feet



RP-26000

Spoke nipple driver

- quickly threads nipples up to the point where tensioning begins, speeding up the wheel building operation
- piloted steel shaft spins on bearings in a non-slip dual density ergonomic handle
- cannot be used for spoke tensioning



Hex socket spoke wrench

RP-26400-05 - 5mm wrench

RP-26400-05.5 - 5,5mm wrench

- to adjust deep recessed nipples in deep aero rims such as Mavic, Campagnolo ...
- hardened alloy tool steel



RP-26500

Spoke nipple driver

- quickly thread nipples to the point where tensioning begins
- to be used with electric drill
- CNC machined and hardened nickel chrome steel
- pins are made from hardened alloy tool steel

RP-26502 - replacement pin



RP-26600

Spoke nipple driver

- quickly thread nipples to the point where tensioning begins
- to adjust deep recessed nipples in deep aero rims such as Mavic, ...
- 6mm hexagonal body to be used with electric drill
- CNC machined and hardened nickel chrome steel
- pins are made from hardened alloy tool steel

RP-26502 - replacement pin



RP-26800

Spoke and nipple gauge

- metric and english markings
- to quickly measure ball bearing and nipple sizes and spoke lengths and thickness
- stainless steel
- conversion table in both metric and inch (at the backside of the ruler)
- engraved to 350mm



Wheels and pumps



RP-01200

Professional axle and pedal vise

- to insert into a bench vise for easy hub and pedal adjustments
- to hold 9, 10, 12mm hub axles and 9/16" pedal spindles without damaging spindle threads
- removable aluminum jaws
- tool body made from hardened spring steel



RP-01202-2 - set of 2 aluminum jaws



RP-01400

Axle vise

- to be clamped in a bench vise
- holds the axle while working on the hub, fits front (9mm) and rear axles (10mm)
- made from spring steel and aluminum

RP-01402-2 - set of 2 aluminum jaws



RP-05700-C

Set of 2 consumer cone wrenches

- to adjust 13, 14, 15, 16, 17 and 18mm hub cones
- 2mm ultra thin heads and precise openings
- hardened alloy tool steel
- durable powder coat finish
- packaged carded

RP-06000-13/20

Set of 8 professional cone wrenches

- to adjust hub cones from 13 up to 20mm
- 2mm ultra thin heads and precise openings
- hardened alloy tool steel
- vinyl coating for an excellent comfort
- chrome plated

- RP-06000-13 - 13mm opening
- RP-06000-14 - 14mm opening
- RP-06000-15 - 15mm opening
- RP-06000-16 - 16mm opening
- RP-06000-17 - 17mm opening
- RP-06000-18 - 18mm opening
- RP-06000-19 - 19mm opening
- RP-06000-20 - 20mm opening

- RP-06000-22 - 22mm opening
- RP-06000-23 - 23mm opening
- RP-06000-24 - 24mm opening



Available
January 2015



RP-42300

Valve core extractor for Presta valves and valve extensions

- for fitting and removal of tubeless valve cores
- also suitable for fitting valve extensions on deep aero rims
- 45mm long shaft made from hardened high torque alloy steel, exceptional durability
- comfortable handle features an ergonomically designed over-molded rubber slip-resistant grip
- doesn't fit Schrader® valves



RP-42400

Valve core extractor for Schrader valves

- for removal and replacement of valve cores on pneumatic suspension systems as well as inner tubes with Schrader valves
- 40mm long shaft and 4,45mm diameter
- heavy-duty steel, exceptional durability
- comfortable and ergonomic dual density handle provides excellent grip
- doesn't fit Presta valves



Available
January 2015

RP-43400

Hub bearing extractor kit

- compatible with bearings featuring 10, 12, 15 or 17mm inner bushings no matter what bearing width
- extractor collets rest on the back side of the bearing inner bushing to extract
- punch is perfectly guided into extractor collet which makes extraction in lign easy



RP-43600

Hub bearing press

- compatible with 12, 15 or 17mm inner diameter bearings and 24, 26, 28 and 30mm outer diameter bearings
- to also fit Campagnolo conical hub bearings
- shaft and tool body made of quality hardened steel for long life



Care products

NL-74500

New !

Drivetrain cleaning kit

- keeping your drivetrain properly cleaned and lubricated is essential to avoid poor shifting and unnecessary wear to expensive components
- 1 biodegradable degreaser **NL-75300**, 1 chain lube **NL-75500**, 1 double ended-gear brush **RL-96200-C** and 1 handy mesh bag for easy drying, storage and transportation.



NL-74600

New !

Cleaning and lube kit

- keeping your drivetrain properly cleaned and lubricated is essential to avoid poor shifting and unnecessary wear to expensive components
- 1 biodegradable degreaser **NL-75300**, 1 chain lube **NL-75500**, 1 cleaning foam for frame **NL-75200**, 1 sponge **NL-78104**, 1 double ended-gear brush **RL-96200-C** and 1 handy mesh bag for easy drying, storage and transportation.

NL-74800

Cleaning kit

- 1 cleaning foam **NL-75200** / 1 degreaser **NL-75300** / 1 lubricant **NL-75500** / 1 set of 4 cleaning brushes and a sponge **NL-78104** / sturdy parts washer - storage bucket



New!

Available
January 2015

NL-74700

Care product countertop display

- 6 lubricants NL-75500 / 3 degreasers NL-75300 / 3 brake cleaners NL-75000



NL-74902

Care product countertop display

- 6 lubricants NL-75500 / 3 degreasers NL-75300 / 3 cleaning foams NL-75200 / 3 brake cleaners NL-75000
6 P.T.F.E. greases NL-78400 / 6 lithium bearing greases NL-78500 / 2 anti-seize copper greases NL-76600

Available
January 2015





NL-75300

Biodegradable degreaser

- new formulation, dissolves lubricants and greases from the grimeiest chains and drive train parts
- won't damage any plastic or rubber parts
- complete degreasing of drive train is necessary before the first use of lubricant **NL-75500** to fully take advantage of its efficiency
- 400ml aerosol

NL-75400

Biodegradable degreaser

- 100% plant origin formulation
- fully biodegradable, VOC free, non-toxic
- for use on the grimeiest chains and drivetrain parts
- dissolves oil and grease without any risk to sensitive parts
- protects from corrosion
- 5 liter steel can



Available
January 2015

NL-79000

Chain cleaner

- enables to clean your chain quickly and easily
- keeping your drivetrain clean is essential for both transmission efficiency and component lifespan
- works with all chain types from 5 up to 11 speeds
- rotating central brushes get rid of grime built-up in the middle of the chain
- rotating side brushes turn twice faster than the others for optimum efficiency
- ergonomic handle features a reliable and sturdy locking clip
- to be used with degreaser **NL-75300**

NL-75500

Professional chain lube

- very high performances
- exceptional in dry conditions
- good in wet conditions
- no sludge build-up
- water repellent and anti-static
- protects plastic parts
- 400ml aerosol



NL-76000

Releasing oil

- to release and lubricate parts in contact
- to ease disassembly of corroded parts
- high penetrating properties
- leaves a thin oily and protecting film that is water resistant
- prevents corrosion and repels moisture
- 400ml aerosol





NL-75000

Brake cleaner

- degreases and deeply cleans rotors or aluminum rims
- enhances braking efficiency
- quickly dries up
- 400ml aerosol



NL-75200

Cleaning foam for frames and forks

- cleans and degreases frames and forks without water
- new formulation , more economical use (doesn't run), gives more foam
- leaves a protective shiny film
- makes future cleaning easy
- no need for rinsing
- 400ml aerosol



NL-79100

Cleaning brush set (5 pieces)

- cleaning a bike is essential to get better performance
- the kit contains 4 brushes, a sponge and a handy mesh bag for easy drying, storage and transportation
- each of them is designed for a specific cleaning purpose: a double-ended gear cleaning brush, a tyre cleaning brush, a frame cleaning brush and a wheel brush
- comfortable dual density handles



NL-79200

Cleaning brush set (4 pieces)

- cleaning a bike is essential for better performance
- the kit contains 3 brushes and a handy mesh bag for easy drying, storage and transportation
- each of them is designed for a specific cleaning purpose: a double-ended gear cleaning brush, a tyre cleaning brush and a frame cleaning brush
- comfortable dual density handles



Care products



NL-78300

New !

Carbon and alloy assembly compound

- designed to increase friction and reduce slippage between carbon fiber or alloy components (seat posts, handlebars and stems)
- avoid the risk to over tighten components
- caution : All similar compounds contain fine particles of silica. This silica may cause cosmetic blemishing
- **NL-78300** is NOT a grease. So never use it on threaded parts or for bearing lubrication.
- tube has a M15 threading to fit common grease guns.
- 100ml tube (3,52 fl oz.)

P.T.F.E. grease

- to grease headsets, bottom brackets, hubs, seat stays, elastomers in forks, stems and handlebars
- synthetic grease with micronized P.T.F.E. particles (Teflon)
- water repellent
- excellent friction coefficient that increases ball-bearing lifetime
- contains anti-rust additives
- white colour eases contamination analysis and potential ball-bearing wear and tear
- no oil and grease separation

- NL-76400-00100 - 100g box
- NL-76400-00500 - 500g box
- NL-78400 - 100ml tube (3,52 fl oz.)

New !



NL-78500

New !

Lithium bearing grease

- makes headset, bottom bracket, pedal and hub bearings work smoothly
- viscosity formulated to reduce friction inside bearings
- waterproof for enhanced anti-corrosion protection of components
- reduces risks of water and grime intrusion
- suitable for freewheel mechanism, noise reduction property
- excellent lubrication and protection of suspension frame pivot points
- won't damage seals and plastic parts
- 100ml tube (3,52 fl oz.)



Anti-seize copper grease

- solves problems of cracking, corrosion, rust, cold-welding on threaded parts aluminum and titanium components
- to be used for any assembly of parts of different metals against titanium
- to be used with parts exposed to moisture and extreme conditions

- NL-76600 - 100g box
- NL-78600 - 100ml tube (3,52 fl oz.)



New !





NL-77300

Thread locker - medium strength

- disassembly can still be made with conventional tools
- prevents accidental loosening of fasteners in case of shocks and vibrations
- highly recommended for safety parts
- 60ml squeeze bottle
- equipped with a dropper
- colour : blue

NL-77400

Thread locker - high strength

- for parts that don't require regular disassembly
- to be used for threaded inserts such as **PE-04703-5** and **PE-04704-5** (page 25), loose fitting bearing cups and pressed-in bottom bracket bearings
- 60ml squeeze bottle
- equipped with a dropper
- colour : red



NL-77900

Shop hand cleaner

- highly efficient to remove greases, lubricants, paintings and grime
- won't dry out the skin, leaves skin super soft
- environmentally friendly, 90% biodegradable
- 5 liter pump dispenser



NL-78000

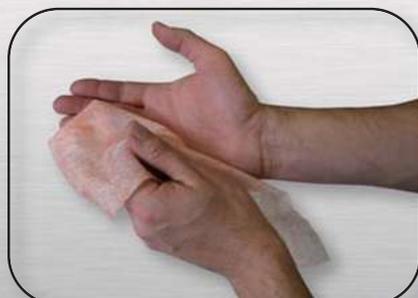
Box of 100 nitrile gloves

- to protect hands from grime and potentially harmful chemicals
- made from nitrile (latex free) to avoid allergies
- thin gloves to give good finger dexterity
- tough enough to resist snags
- size L

NL-76800

Bucket of 75 high performance hand cleansing wipes

- remove lubricants, heavy greases, dirt, tar, soils, grime, adhesives, graphite, wax ...
- can also be used for cleaning tools, workshop equipment, bike components, ...
- high performance citrus hand cleaning formula combined with a heavy-duty, non scratching, abrasive cleaning wipe
- tested under dermatological control
- perfect when soap and water are not readily available, offer quick, efficient and convenient hand cleaning





AP-94800

Professional workshop apron

- high quality cotton canvas
- cross-back fastening system that removes pressure from the neck
- ideal protection for your clothes
- magnetized pocket for fasteners and washers
- 2 different lengths and many pockets



AP-94900

Workshop apron with VAR logo

- to protect your clothes whenever you work on your bike
- many reinforced pockets for stashing pens, parts, tools
- 100% high quality pre-shrunk cotton
- black with 2 white VAR logos

MF-93700-C

Multi-tool

- fiberglass reinforced nylon body
- lightweight tool, compact (80mm length) and ergonomic design
- 3/4/5/6mm hex wrenches, flat blade screwdriver and T25 Torx® wrench
- hardened chrome vanadium steel
- nickel plated
- packaged carded



MF-93900-C

Multi-tool

- fiberglass reinforced nylon body
- lightweight tool, compact (80mm length) and ergonomic design
- 2/2,5/3/4/5/6mm hex wrenches, 8mm hex bit socket, flat blade and n°1 Phillips screwdrivers and T25 Torx wrench
- hardened chrome vanadium steel
- nickel plated
- packaged carded

MF-94400

Folding hex wrench set

- includes 3 hex wrenches of 4/5/6mm and one flat and one Phillips n°1 screwdrivers
- features a composite grip handle shaped for superior ergonomics
- soft cushion grips provide comfort and slip resistance
- hard shell provides years of service
- hardened 8650 industrial quality chrome vanadium steel
- industrial phosphate finish



MF-94600

Folding Torx wrench set

- includes 7 Torx wrenches T7/T10/T15/T20/T25/T30/T40
- features a sturdy composite grip handle shaped for superior ergonomics
- soft cushion grips provide comfort and slip resistance
- hard shell provides years of service
- hardened 8650 industrial quality chrome vanadium steel
- industrial phosphate finish

Hex wrenches

CL-09001-C

4, 5 and 6mm Premium hex wrench set

- handle features an ergonomically designed over-molded rubber slip-resistant grip for optimum comfort
- hex keys made from high torque alloy steel of higher quality than Cr-Mo or Cr-V
- easy identification of key size
- chamfered tips for easier insertion into screw heads
- packaged carded



CL-09002-C

4, 5 and 6mm Premium hex wrench set with ball-ends

- handle features an ergonomically designed over-molded rubber slip-resistant grip for optimum comfort
- hex keys made from high torque alloy steel of higher quality than Cr-Mo ou Cr-V
- easy identification of key size
- chamfered tips for easier insertion into screw heads
- packaged carded



CL-09003-C

T10, T25 and T30 Premium Torx wrench set

- handle features an ergonomically designed over-molded rubber slip-resistant grip for optimum comfort
- hex keys made from high torque alloy steel of higher quality than Cr-Mo ou Cr-V
- easy identification of key size
- packaged carded





CL-09700-02/08

Set of 7 hex wrenches

- shop quality wrenches of 2/2,5/3/4/5/6 and 8mm
- magnetic tips for keeping track of hex screws
- comfortable dual density molded handle



CL-09800-02/08

Set of 7 hex ball-end wrenches

- shop quality wrenches of 2/2,5/3/4/5/6 and 8mm
- magnetic tips for keeping track of hex screws
- comfortable dual density molded handle



CL-09900-07/40

Set of 7 Torx wrenches

- T7 / T10 / T15 / T20 / T25 / T30 / T40 wrenches
- magnetized tips
- dual density handle for excellent comfort



Miscellaneous

DV-10000

Consumer torque wrench

- essential to apply recommended torque specifications provided by component makers specially carbon components
- click-mechanism to indicate when torque setting is reached
- 3-14Nm range
- equipped with a ratcheting 1/4" drive
- includes a set of hex bits (3 / 4 / 5 / 6 / 8mm) and Torx bits (T25 / T30)
- calibrated to be accurate to +/- 4%
- 22cm (8,66") length
- protective case included



Digital torque wrenches

- to accurately apply the selected target torque to components and accessories
- high performance even under intensive use: accurate from +1% (clockwise) to +2% (counterclockwise)
- audible/LED light alarm when pre-set target torque is approaching
- supplied with an ISO 6789 calibration certificate and 1 AAA battery
- measuring mode : peak or track (real-time torque)
- unit of measurement : Nm, in.lb, ft.lb, kg.cm
- comfortable dual density grip
- numbered and supplied in a storage case
- auto power-off



DV-12100

- torque range : from 1 to 20Nm
- resolution : 0,01Nm
- compact and lightweight wrench : 20cm / 174g
- 1/4" female square drive
- delivered with an adaptor, 2 / 3 / 4 / 5 / 6mm hex bits, T7 / T10 / T25 / T30 Torx bits



Available
January 2015



DV-12200

- torque range : from 4,2 to 85Nm
- resolution : 0,1Nm
- compact and lightweight wrench : 29cm / 390g
- 3/8" male square drive
- delivered with an adaptor, 2 / 3 / 4 / 5 / 6 / 8mm hex bits, T7 / T10 / T25 / T30 Torx bits



Available
January 2015



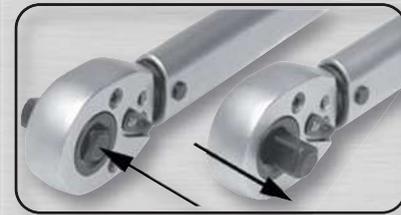


Professional torque wrenches

DV-10400 - torque wrench ranges from 4 to 20Nm (no bit included)
 DV-10500 - torque wrench ranges from 20 to 100Nm (no bit included)

- to comply with torque specifications given by component and accessory manufacturers
- a click can be heard when the requested torque is reached
- equipped with a 3/8" drive
- equipped with a torque locking nut
- delivered in a plastic case

To be used with hex socket and hex bit kit DV-10700



Reversible head of DV-10500

Item number	Tool description
DV-10800	drive adaptor 3/8" (Female) x 1/2" (Male)
DV-10800-02	2mm hex bit - 3/8" drive
DV-10800-03	3mm hex bit - 3/8" drive
DV-10800-04	4mm hex bit - 3/8" drive
DV-10800-05	5mm hex bit - 3/8" drive
DV-10800-06	6mm hex bit - 3/8" drive
DV-10800-08	8mm hex bit - 3/8" drive
DV-10800-10	10mm hex bit - 3/8" drive
DV-10800-T7	T7 Torx bit - 3/8" drive
DV-10800-T25	T25 Torx bit - 3/8" drive
DV-10800-T30	T30 Torx bit - 3/8" drive
DV-10900-08	8mm hex socket - 3/8" drive
DV-10900-09	9mm hex socket - 3/8" drive
DV-10900-10	10mm hex socket - 3/8" drive
DV-10900-14	14mm hex socket - 3/8" drive
DV-10900-15	15mm hex socket - 3/8" drive



DV-10700

Socket and bit set

- 7 hex bits of 2/3/4/5/6/8 and 10mm
- 3 Torx bits (T7, T25 and T30)
- 5 hex sockets of 8/9/10/14 and 15mm
- 1 drive adaptor 3/8"(F) x 1/2" (M)
- hardened chrome vanadium steel
- fits both torque wrenches DV-10400 and DV-10500



DV-12000

1/2" drive ratchet wrench

- reversible ratchet
- angle of resumption of 5° to work in narrow spaces
- comfortable dual density handle, 235mm long
- hardened chrome-vanadium steel
- features a quick socket release
- chrome plated body





Professional bench vise

- DV-09000-100 - 100mm jaw width
- DV-09000-125 - 125mm jaw width
- DV-09000-150 - 150mm jaw width

- heavy duty construction for intensive professional use
- special guiding spindle ensures durability, stiffness and precision (no looseness)
- both jaws are fully replaceable, accurately machined and hardened
- large swivel base and vise mass provide excellent stability
- 90° rotation swivel base with 2 locking nuts
- long steel slide bar for maximum leverage
- large anvil work surface (hardened)

Set of 2 nylon jaws for bench vise

- DV-09100-100 - for bench vise with 100mm jaws
- DV-09100-125 - for bench vise with 120mm jaws
- DV-09100-150 - for bench vise with 150mm jaws

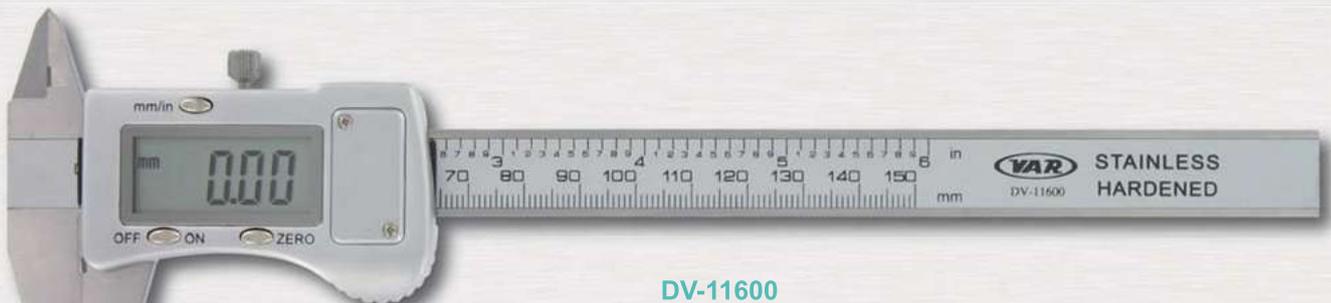
- made from nylon reinforced with fiberglass
- properly positioned on bench vise by magnetic strip on each jaw



Set of 2 aluminum jaws for bench vise

- DV-09400-100 - for bench vise with 100mm jaws
- DV-09400-125 - for bench vise with 125mm jaws
- DV-09400-150 - for bench vise with 150mm jaws

- magnetized



DV-11600

Electronic digital caliper

- measuring range from 0 to 6" (from 0 to 150mm)
- resolution of 0.0005inch / 0.01mm
- choice between inch and mm
- external, internal and depth measurements
- tightening screw of the sliding gauge
- large LCD display for an easy reading, zero setting
- on/off switch and automatic power off, warning of battery wear
- hardened stainless steel, metal case
- delivered in its box



DV-12700

Professional hacksaw for 300mm blade

- heavy-duty steel frame
- comfortable elastomer handles
- blade easily removable and easy tension adjustment
- 2 blade positions : standard and 45°
- delivered with a bi-metal blade, 10 teeth per cm



DV-12710

DV-12710 - set of 2 HSS replacement blades 10 teeth



DV-12720

DV-12720 - special blade for cutting carbon fiber components, super HSS 10 teeth



DV-20000

Professional tube cutter for steel and aluminum

- for clean and straight cuts on handlebars, headset tubes, seatposts from 1/4" to 1 1/2" OD (from 6 to 38mm)
- delivered with a replacement cutting wheel (inside knob)
- removable rotating deburrer



DV-20001 - replacement cutting wheel

Miscellaneous

DV-55400

Adjustable wrench

- forged alloy tool steel
- 12" wrench for a powerful leverage
- maximum opening up to 35mm
- jaw-opening measuring scale for easy reading



DV-55500-06/17

Set of 11 combination wrenches

- box/open end wrenches from 6 to 17mm
- hardened chrome vanadium steel
- chrome plated for long life

Each wrench can be sold separately.

- DV-55500-06 - 6mm combination wrench
- DV-55500-07 - 7mm combination wrench
- DV-55500-08 - 8mm combination wrench
- DV-55500-09 - 9mm combination wrench
- DV-55500-10 - 10mm combination wrench
- DV-55500-11 - 11mm combination wrench
- DV-55500-12 - 12mm combination wrench
- DV-55500-13 - 13mm combination wrench
- DV-55500-14 - 14mm combination wrench
- DV-55500-15 - 15mm combination wrench
- DV-55500-17 - 17mm combination wrench



DV-57100



Set of 5 ratchet combination wrenches

- 8/9/10/13/15mm wrenches
- hardened chrome vanadium steel
- polished and chrome plated finish

- DV-57100-08 - 8mm ratchet combination wrench
- DV-57100-09 - 9mm ratchet combination wrench
- DV-57100-10 - 10mm ratchet combination wrench
- DV-57100-13 - 13mm ratchet combination wrench
- DV-57100-15 - 15mm ratchet combination wrench

Available
January 2015



DV-57000

Set of 6 angled open socket wrenches

- includes 13/14/15/17/18/19mm wrenches
- hardened chrome vanadium steel
- chrome plated for durability

- DV-57000-13 - 13mm wrench
- DV-57000-14 - 14mm wrench
- DV-57000-15 - 15mm wrench
- DV-57000-17 - 17mm wrench
- DV-57000-18 - 18mm wrench
- DV-57000-19 - 19mm wrench



DV-71000

Set of 6 professional screwdrivers

- 3 flat blades of 3,2/4/6mm and 3 Phillips blades n°0, n°1 and n°2
- higher quality blades than standard chrome vanadium or chrome molybdenum blades
- magnetized tip makes work easier on hard-to-reach screws
- ergonomic and anti-slip dual density grip provides maximum tip torque and great user comfort
- identification symbol moulded on top of grip makes tip identification easy

- DV-71101 - 3,2mm flat blade
- DV-71102 - 4mm flat blade
- DV-71103 - 6mm flat blade
- DV-71201 - n°0 Phillips blade
- DV-71202 - n°1 Phillips blade
- DV-71203 - n°2 Phillips blade



DV-17300

Swivel head hand riveter

- handy for instant setting of bottle cage
- 360° swivel head to be used in any angle
- easy to operate and fit attachments such as rivets, nuts and anchors
- delivered with draw bars for M3, M4, M5 and M6
- delivered in a plastic box with a bag of 10 nuts M5

- DV-17305-50 - bag of 50 nuts in M5



Miscellaneous

DV-55600

Magnetic parts bowl

- polished stainless steel with rubber covered magnetic base (6"/15cm in diameter)
- strong magnet keeps track of small parts such as balls, chain links, bolts, nuts, washers...



DV-56000



DV-56100



DV-56200



DV-56300



Circlip pliers

DV-56000 - circlip pliers, external straight nose

DV-56100 - circlip pliers, external bent nose

DV-56200 - circlip pliers, internal straight nose

DV-56300 - circlip pliers, internal bent nose

- 5,5" circlip pliers
- long tips to prevent snap ring ejection
- ergonomic, comfortable and anti-slip handles
- nickel plated and laser marked

DV-56400

Universal pliers

- hardened high carbon steel for excellent durability
- chrome plated
- ergonomic and comfortable handles



DV-56500

Twin slip-joint multigrip pliers

- inter-slotted jaws for increased stiffness
- 7 settings
- 240mm length, maximum opening of 32mm
- anti-slip grips
- hardened chrome-vanadium steel



DV-56600

250mm flat file



Files

- hardened high carbon steel for excellent durability
- high level of hardness
- anti-corrosion protection
- ergonomic and comfortable dual density handle

DV-56700

250mm round file



DV-56800

Professional double-face hammer

- one steel face for heavy strikings, one removable soft plastic face for use on sensitive parts
- one-piece forged and hardened steel head for maximum durability
- chamfered edges to avoid chipping on parts
- long fiberglass shaft with shock-absorbing rubber hand grip for maximum comfort



DV-56801 - spare soft plastic tip

Miscellaneous

Tap handle



Item number	Size of square	Product compatibility
DV-04320	from 3 to 9mm	CD-04100-03 CD-04100-05 CD-04100-06 CD-04100-10 PE-04100-1/2 PE-04100-9/16
DV-04330	from 4 to 12,5mm	FH-93800 PE-04700
DV-04340	from 5 to 16mm	CD-04510-26/29.5 CD-04520-26/29.5 CD-04520-29.5/33.5

DV-58100

Ratcheting tap handle

- sliding handle and reversible ratcheting design permit tapping in tight places
- compatible with frame taps such as **CD-04100** (page 5)



DV-71600

Auto-ranging digital multimeter

- essential when testing battery load and searching for breakdown on e-bikes
- quick and easy to use
- compatible with AC/DC power supply
- voltage (0~500V), current (0~10A), resistance (0~40MΩ), frequency measurement (0~10MHz)
- continuity measurement allows to easily check that an electrical wire is not broken
- compact and sturdy overmolded case
- CE conformity



PR-90300

Electric repair stand

- allows effortless height adjustment for any bike up to 50kg (111 pounds)
- ideal for lifting heavy electric bikes
- maximum working height of 170cm
- highly recommended to adapt workstations to bike mechanics with lifting limitations
- minimise risk of accident at work
- large super rigid structure made from extruded aluminum
- heavy-duty long CNC threaded shaft for ultimate reliability
- large steel square base provides excellent stability
- with professional quality clamp **PR-72000**
- works on a 230V ~ 50Hz power supply
- CE compliant



PR-90400

Electric belt hoist

- allows effortless height adjustment for any bike, e-bike and scooter up to 100kg (222 pounds)
- minimise risk of accident at work
- requires the hoist to be bolted to a maximum height of 4m
- to be bolted on a truly massive steel structure that supports heavy loads for safety reasons
- works on a 230V ~ 50Hz power supply
- CE compliant

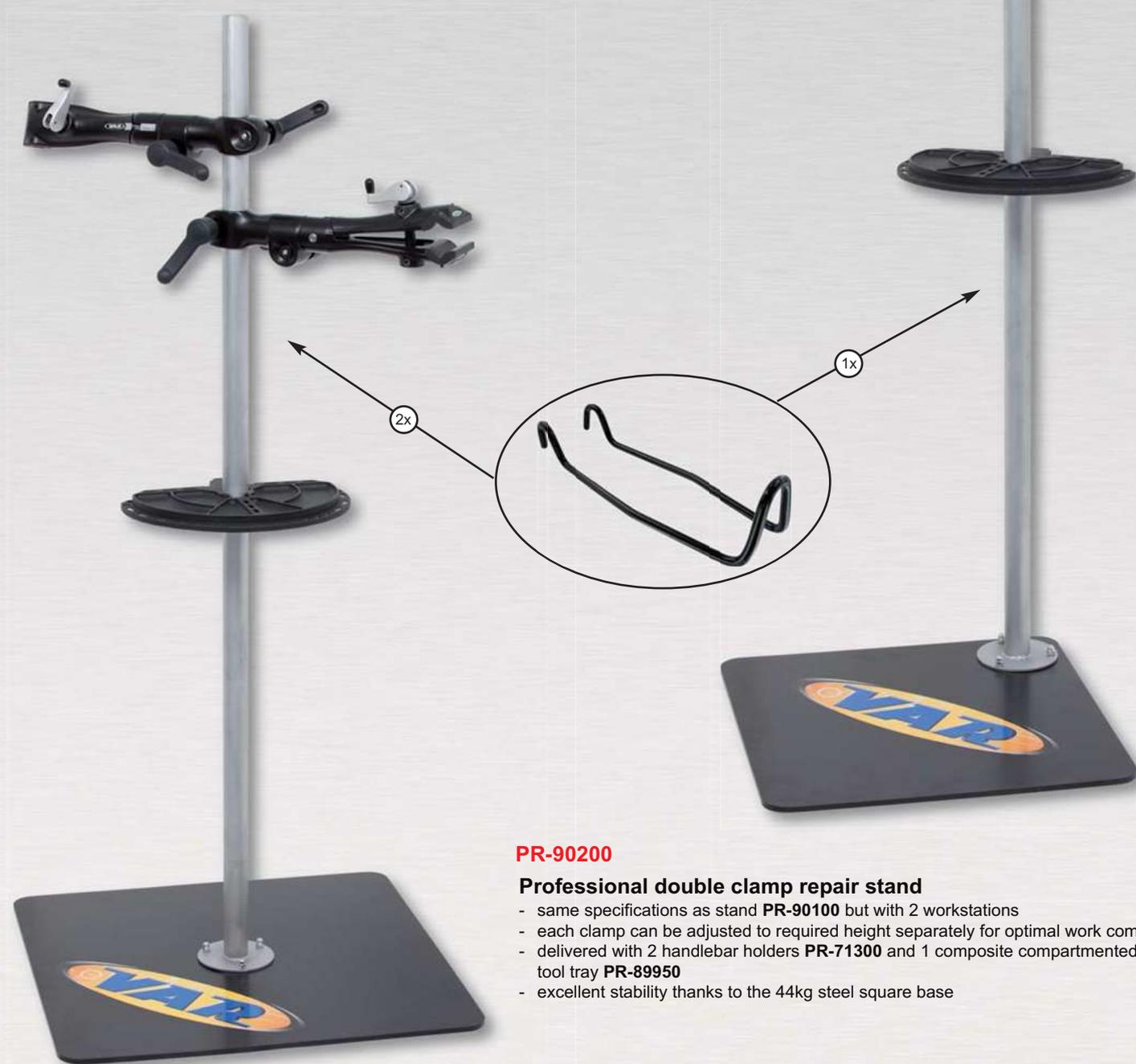


Repair stands

PR-90100

Professional single clamp repair stand

- excellent stability thanks to the 28kg steel square base
- clamp height is adjustable up to 167cm for comfortable workstation
- new oversized clamp **PR-72000** quickly adjusts to fit any frame tube up to 80mm including aero-shaped tubes
- the clamp rotates 360° for the bike to be positioned at any angle
- rubber clamp covers protect frame
- clamp with double cable relief
- epoxy powder coated steel square base, chrome-plated vertical tube
- delivered with one handlebar holder **PR-71300** and a composite compartmented tool tray **PR-89950**



PR-90200

Professional double clamp repair stand

- same specifications as stand **PR-90100** but with 2 workstations
- each clamp can be adjusted to required height separately for optimal work comfort
- delivered with 2 handlebar holders **PR-71300** and 1 composite compartmented tool tray **PR-89950**
- excellent stability thanks to the 44kg steel square base

PR-90500

Work bench repair stand

- heavy-duty steel construction and powder coated
- adjustable opening of clamp up to 80mm
- the clamp rotates 360° for the bike to be positioned at any angle
- equipped with professional clamp **PR-72000** (360° rotation)
- can be bench-mounted or vise-held



PR-72000

Professional clamp

- fits repair stands PR-90100, PR-90200, PR-90500 and old type (PR-89900, PR-90000, PR-99700)
- new oversized clamp quickly adjusts to fit any frame tube up to 80mm including aero-shaped tubes
- excellent frame clamping thanks to rubber clamp covers
- clamp with double cable relief
- equipped with 2 rubber clamp covers
- micro adjustable clamping pressure prevents damage to thin-walled tubes
- die-cast aluminum main body parts and hardened locking parts



PR-72020

Set of 2 rubber clamp covers

- fits clamp PR-72000
- with double cable relief
- anti-slip properties for optimal holding
- delivered with 4 circlips to hold the rubber clamp



PR-70010

Set of 2 replacement rubber clamp covers

- fits PR-89900, PR-90000 and PR-99700
- cable relief for cable housing in the upper jaw
- delivered with 4 circlips to hold the rubber clamp covers onto the aluminum jaws

PR-07000

Set of 2 double hooks

- to hang up bicycles and wheels for saving space storage
- rim protection with a thick vinyl coating



PR-70300

Set of 2 hooks

- ideal to hang up bicycles and wheels
- vinyl coating to protect frame enamel and rims



PR-71300

Handlebar holder

- to hold the handlebar stationary, keeping the front wheel from turning while working on the bike
- fully thick vinyl coated for painting protection

Wheel truing stands

CR-07000

Premium wheel truing stand

- allows home mechanic enthusiast to perform accurate wheel truing at an affordable price
- accepts wheels up to 29" with or without tyre mounted
- quick wheel installation regardless of hub width
- centering is performed by simply flipping the wheel in the stand
- large compartmented tray provides great stability
- fine tuning of index setting
- comes with 12x142 (rear), 15x100 and 20x110 thru axle adaptors



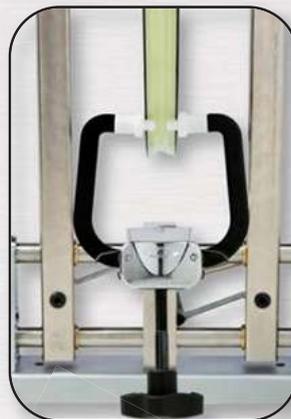
CR-07600

Professional wheel truing stand

- accommodates wheels from 16" to 29" with or without tyre mounted
- quick wheel installation thanks to its quick-release adjustment lever and brass slide bushings
- both uprights move in line simultaneously always centering hub with calipers, regardless of hub width
- heavy-duty rigid construction features most high precision CNC machined parts
- smoother, more accurate, stiffer, more versatile and faster to use than any other model
- removable Nylon caliper tips not to scratch the rim
- calipers accommodate tire widths up to 2.7"
- can be bench-mounted or vise-held
- can be used with our wheel alignment gauge **RP-14300** for ultimate accuracy



CR-07431-2 - set of 2 nylon caliper tips



CR-07300

Through axle adaptors for wheel truing stand

- fits professional wheel truing stands **CR-07500** and **CR-07600**
- now compatible with 10, 12, 15 and 20mm through axle hubs for a maximum hub length of 150mm



Professional work bench - grey complex worktop

- measurements : 150cm width / 75cm depth / 88cm height
- heavy-duty steel structure with 2 steel cross bars under worktop provide ultimate stability and stiffness
- powder coated steel - RAL 7035 light grey
- 50mm thick worktop with rubber protective strip
- **MO-49200** - without drawer cabinet - weight : 65kg
- **MO-49300** - with a 3-drawer cabinet - 100mm drawer height
Total weight : 95kg
Drawer cabinet measurements : 41cm x 38cm x 57cm (l x H x D)



Professional work bench - beech wood worktop

- measurements : 150cm width / 75cm depth / 88cm height
- heavy-duty steel structure with 2 steel cross bars under worktop provide ultimate stability and stiffness
- powder coated steel - RAL 7035 light grey
- 50mm thick solid beech worktop - sanded and varnished.
- **MO-49600** - without drawer cabinet - weight : 71kg
- **MO-49700** - with a 3-drawer cabinet - 100mm drawer height -
Total weight : 101kg
Drawer cabinet measurements : 41cm x 38cm x 57cm (l x H x D)



Workshop equipment

Item number	MO-50100-150	MO-50100-175
Width	150cm	175cm
Height	75cm	75cm
Depth	19cm	19cm
Weight	43kg	49kg

Tool cabinet

- rolling doors are secured with a lock (2 tubular keys included)
- heavy-duty construction and epoxy powder coated
- new steel panel with standard square holes to fix hooks and tool racks
- with tool racks and a full set of hooks **MO-50106**
- can be mounted on a wall (reinforced hanging bracket) or bench
- delivered without tool

MO-50100-150 - 150cm wide
MO-50100-175 - 175cm wide

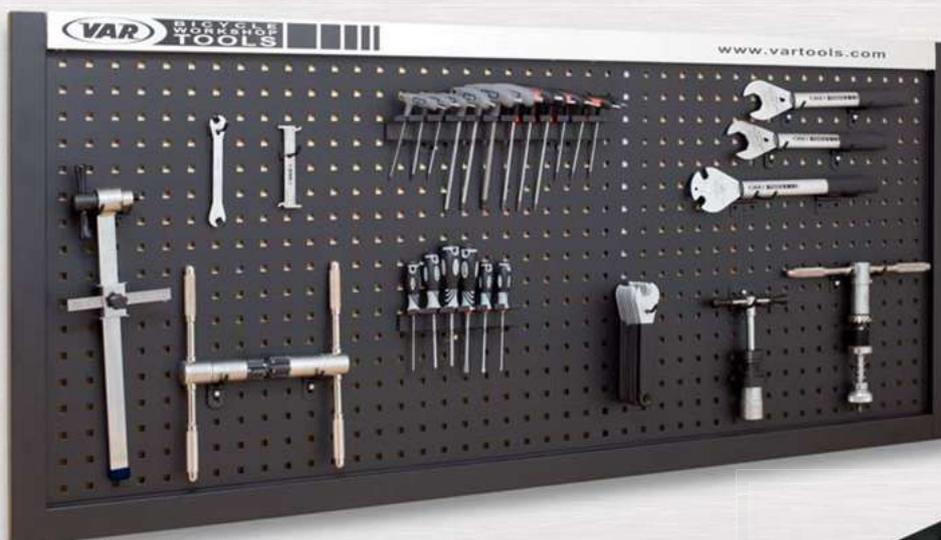


Tool panel

- new steel panel with standard square holes to fix hooks and tool racks
- with tool racks and a full set of hooks **MO-50106**
- epoxy powder coat finish
- can be wall-mounted (reinforced hanging bracket)
- delivered without tool

MO-50200-150 - 150cm wide
MO-50200-175 - 175cm wide

Item number	MO-50200-150	MO-50200-175
Width	150cm	175cm
Height	75cm	75cm
Depth	2cm	2cm
Weight	13kg	15kg

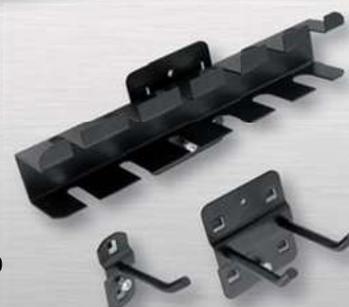


MO-50106

Kit of hooks and tool racks for tool cabinets and tool panels

Includes :

- 20 short hooks, 20 long hooks
- 5 double short hooks, 5 double long hooks
- 1 tool rack for screwdrivers or wrenches
- 1 tool rack for wrenches
- only fits tool cabinets and tool panels with square holes **MO-50100-150, MO-50100-175, MO-50200-150** and **MO-50200-175**





MO-50700



6 drawer workshop tool cabinet

- heavy-duty construction for professional use
- over 500kg total load capacity
- over 40kg load capacity for each drawer
- smooth-action ball-bearing slides
- internal keyed locking system (2 tubular keys supplied)
- quick-lock system drawer to prevent unit from accidentally opening
- drawer liners for protection to drawer bottom
- heavy-duty rubber casters with 2 brakes for silent moves
- ABS worktop with tool compartments and comfortable dual density built-in handle
- tool holder pegboards on both sides
- delivered with a steel caddy for aerosol cans and a paper towel holder



	in cm
Measurements	76 x 46 x 102
Drawers	56,5 x 39 x 6 (x3)
	56,5 x 39 x 13 (x2)
	56,5 x 39 x 20 (x1)
Weight	57kg

MO-51100

Rubber anti-fatigue mat

- specially designed for alleviating foot, leg and lower back pressure when standing for long periods
- rubber diamond-plate anti-slip surface on a sturdy waffle support system on the underside for maximum comfort
- mat includes 2 deck plates with bevelled edges
- total measurements : 155cm (width) x 71cm (depth) x 1,27cm (thickness)
- easy to mop or sweep clean
- thermal insulation for cold floors
- shock and perforation resistant
- can be used in welding areas
- resistant to lubricants, greases and standard chemicals
- caution : in case of DOT or mineral oil drop fall, mop the mat immediately
- protects your tools specially cutting tools in case of unexpected fall
- additional deck plates available to adapt your working space to your needs

MO-51101



MO-51102



MO-51101 : end mat with interlocking teeth on one end only

MO-51102 : center mat with interlocking teeth on both ends



Available
January 2015

MO-51200

Shop Stool

- VAR shop stool is the perfect height for wheel truing operations
- also great for other work at a bench or counter or in the shop
- chrome-plated steel legs and a comfortable padded seat with a silver logo
- seat rotates 360 degrees and is positioned at a height of 28.74" (73cm)



Available
January 2015

MO-51300

Rolling Shop Stool

- VAR shop stool is very handy for quickly moving around the bike while making adjustments or repairs
- adjustable height from 19.29" to 24.80" (49cm to 63cm)
- comfortable rotating seat with silver VAR logo
- quality wheels for fast and smooth-rolling



Displays

Shop displays

Our self service displays enable shop owners to boost their sales of tools and care products. Our various contents cover a very wide collection of consumer products. Sturdy and stable steel construction, black powder-coated and swivel base. Measurements : 175x60cm (H x W)

PS-00110 - Triangular display - 140 tools

PS-00120 - Triangular display - 131 tools and care products

New !

PS-00110



New !

PS-00120



KO-90600

Premium tool roll

This heavy-duty Cordura Nylon tool roll contains all the essential Premium tools. They are wrapped in a well-organized (many pockets), durable tool roll with a cinch strap. 1 Premium pedal wrench **PE-62000-C**, 1 Premium bottom bracket wrench **BP-62100-C**, 1 Premium sprocket remover **RL-62200-C**, 1 Premium cassette locking wrench **RL-62400-C**, 1 Premium chain tool **CH-04800-C**, 1 set of cone wrenches **RP-05700-C**, 1 spoke wrench **RP-02500**, 1 set of tire levers **RP-42900-C**, 1 Premium Torx wrench set T10 / T25 / T30 **CL-09003-C**, 1 multitool **MF-93900-C**, 1 tool roll **KO-91001**.



KO-90900

Premium tool kit

This kit allows enthusiasts to perform most repairs and regular maintenance operations on most current model bikes. Packaged in a quality tool box. Specially designed for the mechanic enthusiast, the kit includes a wide selection of our Premium tools : if quality, comfort, ergonomics and efficiency really matter to you, don't look any further ! 1 Premium pedal wrench **PE-62000-C**, 1 Premium bottom bracket wrench **BP-62100-C**, 1 Premium sprocket remover **RL-62200-C**, 1 Premium cassette locking wrench **RL-62400-C**, 1 Premium chain tool **CH-04800-C**, 1 set of cone wrenches **RP-05700-C**, 1 spoke wrench **RP-02500**, 1 set of tire levers **RP-42900-C**, 1 Premium Torx wrench set T10 / T25 / T30 **CL-09003-C**, 1 multitool **MF-93900-C**, 1 cable cutter **FR-07900-C**, 1 BB tool **BP-99600**, 1 crank arm extractor **PE-01000**, 1 tool box **KO-91201**.





Item number	Tool description	KO-91202	KO-91302	KO-91402	KO-91502	Item number	Tool description	KO-91202	KO-91302	KO-91402	KO-91502	Item number	Tool description	KO-91202	KO-91302	KO-91402	KO-91502
AP-94800	100% cotton professional workshop apron		X	X	X	DV-11600	Electronic digital caliper capacity up to 150mm				X	PE-01000	22mm crank extractor with 8mm hex wrench for Octalink & ISIS Drive	X	X	X	X
BP-01300	Professional pin spanner for most adjusting BB cups		X	X	X	DV-12700	Professional hacksaw for 300mm blade			X	X	PE-04100	Set 2 HSS crank taps 1/2"x20 tpi (left and right)				X
BP-01600	Professional peg spanner for bottom bracket locking		X	X	X	DV-12720	Special hacksaw blade for cutting carbon fiber tubes (super HSS)				X	PE-04100	Set 2 HSS crank taps 9/16"x20 tpi (left and right)			X	X
BP-03100	Set of bottom bracket tools				X	DV-20000	Tube cutter for 1/4" - 1 1/2" (6-38mm) O.D. with deburrer				X	PE-04700	Repair kit for pedal thread 5/8"x24 tpi (left and right)				X
BP-41400	Cartridge BB tool for Campagnolo Record				X	DV-55400	12" adjustable wrench				X	PE-09600	8mm hex wrench for crankset	X	X	X	X
BP-60000	15x17mm pedal and BB wrench for Campagnolo, Sachs			X		DV-55500	Set of 11 combination wrenches from 6 to 17mm			X	X	PE-10800	10mm hex bit socket for Campagnolo Ultra Torque				X
BP-60300	15x17mm pedal and BB wrench for Shimano XTR & Dura Ace				X	DV-55600	15cm stainless steel magnetic bowl			X	X	PE-10800	14mm hex bit socket for Campagnolo Power Torque				X
BP-60500	BB wrench for Hollowtech II & SM-BB9000	X				DV-56000	Circlip pliers, external straight nose				X	PE-11000	M24x1.5 repair kit for extractor thread in crank				X
BP-96100	Professional wrench for Hollowtech II, Campa Ultra Torque		X	X	X	DV-56100	Circlip pliers, external bent nose				X	PE-12900	Shimano Press Fit cup extractor			X	X
BP-99500	Bottom bracket tool for Shimano, Sram and ISIS Drive Ultegra & Truvativ		X	X		DV-56200	Circlip pliers, internal straight nose				X	PE-13100	Campagnolo Ultra and Power Torque bearing installation tool				X
BP-99600	Bottom bracket tool for Shimano and ISIS drive compatible Octalink	X	X	X	X	DV-56300	Circlip pliers, internal bent nose				X	PE-13400	BB cup press tool for Campagnolo OS Fit & Shimano Press Fit				X
BP-99900	Bottom bracket tool for Campagnolo Ultra Torque, Hollowtech II				X	DV-56400	Universal pliers				X	PE-13500	Bearing press and extractor for BB30 cranksets				X
CD-03600	Head tube reaming and facing set for Cane Creek semi integrated headset				X	DV-56800	Double face hammer			X	X	PE-35300	Wrench for standard & Campagnolo Ultra Torque chaining nuts		X	X	X
CD-04100	3mmx0,5 for rear wheel dropout alignment screws				X	DV-58100	Tap wrench from 2,5 à 5mm				X	PE-60220	Nylon roller for Shimano Hollowtech II crank arm adjustment cap				X
CD-04100	Set 2 HSS taps 5mmx0,8 for water-bottle, toe-clip, fender and rack bosses		X	X	X	DV-71000	Set of 6 professional screwdrivers	X	X	X	X	PE-65000	15mm professional pedal wrench laser cut	X	X	X	X
CD-04100	Set 2 HSS taps 6mmx1 for cantilever brakes and large fender bosses		X	X	X	FH-04020	1" fork die TICN - Ø ext. 50,8mm				X	PE-95000	14x15mm professional ratchet crank bolt wrench				X
CD-04100	Set 2 HSS taps 10mmx1 for gear hanger		X	X	X	FH-04020	1 1/8" fork die TICN - Ø ext. 50,8mm				X	PR-90100	professional single clamp repair stand				X
CD-13000	Gear hanger repair kit				X	FH-92700	Universal swivel fork clamp				X	RL-09600	10mm hex wrench with plastic handle for freehub body removal	X	X	X	X
CD-13900	Derailleur hanger alignment gauge		X	X	X	FH-93100	Adjustable Fork column cutting guide		X	X	X	RL-09600	11mm hex wrench with plastic handle for freehub body removal				X
CD-14000	Facing tool for IS and PostMount disc brake systems			X	X	FR-01730	Bottle 200 cable ends for derailleur cables Ø 1,2/1,5mm - silver anodized				X	RL-09600	12mm hex wrench with plastic handle for freehub body removal				X
CD-38200	BB tapping set with taps 1.370"x24 TPI - Left and right hand threads			X	X	FR-01740	Bottle 200 cable ends for brake cables Ø 1,8/2mm - silver anodized				X	RL-09600	15mm hex wrench with plastic handle for freehub body removal				X
CD-38340	Bottom bracket facing kit			X	X	FR-01750	Bottle 200 cable housing ferrules Ø 4mm				X	RL-27000	Pro. sprocket remover 8/9/10 speed	X	X	X	X
CD-47500	Frame and fork end alignment gauge set				X	FR-01760	Bottle 200 cable housing ferrules Ø 5mm				X	RL-40000	Freewheel locking wrench with cassette remover RL-41400				X
CD-71400	Frame alignment gauge				X	FR-01770	Bottle 600 rubber O-ring seals - black				X	RL-40000	Freewheel locking wrench with cassette remover RL-97900				X
CD-77000	Biodegradable cutting oil			X	X	FR-01850	Bottle 100 plastic cable housing ferrules Ø 4mm - black				X	RL-40100	Freewheel remover for Regina, Zeus, ...				X
CH-04900	Chain wear indicator	X	X	X	X	FR-01860	Bottle 100 plastic cable housing ferrules Ø 5mm - black				X	RL-40200	4 notch BMX freewheel remover for ACS® 14/15 teeth				X
CH-06300	Chain plier for Master links	X	X	X	X	FR-01870	Bottle 200 rubber O-ring seals - translucent				X	RL-40300	4 notch BMX freewheel remover for ACS® FAT 16/22 teeth				X
CH-05802	Bag 5 replacement pins for chain rivet tool CH-05800			X	X	FR-07900	Cable and housing cutter	X	X	X	X	RL-41300	2 notch freewheel remover for Suntour, Sachs Aris, Maillard 700				X
CH-06600	Professional universal chain tool	X	X	X	X	FR-23300	Cable stretcher with thumb lock		X	X	X	RL-41500	Freewheel remover for Falcon				X
CL-09700	Set 7 P-handled hex wrenches from 2 to 8mm"		X	X	X	FR-29700	Hydraulic brake housing cutter				X	RL-41600	Cassette remover with guide pin for Campagnolo, Shimano UG, Sachs Aris	X	X	X	X
CL-09800	Set 7 P-handled hex wrenches with ball-ends from 2 to 8mm				X	FR-29800	Lever for hydraulic brake pads			X	X	RL-96200	Gear cleaning brush	X	X	X	
CL-09900	Set 7 P-handled Torx wrenches from T7 to T40			X	X	FR-29900	Disc brake rotor straightening			X	X	RL-96400	4 notch freewheel remover for Suntour				X
CR-07300	Adaptors for 12, 15 & 20mm axles				X	FR-30000	Hydraulic disc brake bleeding kit black syringes				X	RL-98000	Cassette remover with guide pin for Shimano Hyperglide	X	X	X	X
CR-07600	Professional wheel truing stand for cycles			X	X	FR-30000	Hydraulic disc brake bleeding kit orange syringes				X	RP-01200	Professional axle and pedal vise			X	X
DR-03500	Headset and bearing cup press		X	X	X	FR-93600	8x9mm brake and derailleur wrench		X	X	X	RP-02200	Bladed spoke holder				X
DR-10100	Crown race remover for new carbon fiber and suspension forks			X	X	FR-93600	10x11mm brake and derailleur wrench		X	X	X	RP-02400	Spoke wrench for Mavic wheels				X
DR-14700	Crown race setting tool		X	X	X	KO-91201	29"/50cm tool box	X				RP-02500	3-way spoke wrench 3,2 / 3,3 / 3,5mm	X	X		
DR-37300	1", 1 1/8" and 1 1/4" headset cup remover		X	X	X	KO-91301	22"/55cm professional tool box		X	X	X	RP-02600	Professional spoke wrench - 3,2 mm				X
DR-37400	1 1/4" & 1 1/2" headset cup remover				X	MF-93900	Multitool MF-93900 - 10 tools	X				RP-02600	Professional spoke wrench - 3,3 mm				X
DR-95500	Aheadset star-fangled nut setter with 1" and 1 1/8" guide		X	X	X	MF-94400	4/5/6mm hex wrench & flat & Phillips n°1 screwdriver set				X	RP-02600	Professional spoke wrench - 3,5 mm				X
DR-98200	30x32x36x40mm headset wrench		X	X	2	MF-94600	Multi tool 7 Torx wrenches T7/T10/T15/T20/T25/T30/T40			X		RP-06000	Set 8 professional hub cone wrenches 13/14/15/16/17/18/19/20mm	X	X	X	X
DV-04320	Tap handle - for square from 3 to 9mm		X	X	X	M0-51300	Rolling Shop Stool				X	RP-14300	Professional wheel alignment gauge				X
DV-10400	4-20Nm torque wrench with 3/8" drive			X	X	NL-76400	Biodegradable Teflon grease for ball-bearing and races - 100g box	X	X	X	X	RP-26000	Spoke nipple driver				X
DV-10500	20-100Nm torque wrench with 3/8" drive			X	X	NL-76600	Anti-seize copper grease				X	RP-26400	5mm spoke wrench for rims				X
DV-10700	Kit 12 hex bit sockets, hex sockets, T7 & T25 Torx bits and adaptor DV-10800			X	X	NL-77300	Thread locker - medium strength				X	RP-26400	5,5mm spoke wrench for Campagnolo and Mavic Cosmic rims				X
						NL-78000	Box 100 nitrile mechanic's gloves - size L				X	RP-26800	Spoke, bearing and nipple gauge		X	X	X
						NL-78300	Carbon and alloy assembly compound				X	RP-42900	Set 3 nylon tyre levers reinforced with fiberglass	X	X	X	X
						NL-79100	Bike cleaning brush kit				X	RP-43000	Forged steel tyre lever				X
											X	RP-44100	Glueless patch kit	X	X	X	X
											X	RP-80300	Professional high-pressure floor pump				X

Bottle cages

Polycarbonate bottle cage

- lightweight and flexible material to hold any type of bottles securely
- excellent value for money
- carded with one set of 2 hex bolts

CA-14901 - Black bottle cage

CA-14902 - White bottle cage

Available
January 2015

CA-14901

New !



CA-14902

New !



CA-15001

New !

Alloy bottle cage

- made from an oversized durable yet lightweight aluminum tubing
- securely holds any type of bottles while providing easy access to the bottle
- carded with one set of 2 hex bolts

Available
January 2015



New !

Available
January 2015

Premium bottle cage

- the ultimate wrap-around design eliminates the risk of bottle slipping out of its cage whilst cycling
- high-end finish for this lightweight (28g) model available in several colors

CA-15201 - black with green and white printings

CA-15202 - black with red and white printings

CA-15203 - black with silver and grey printings

CA-15204 - black with blue and silver printings

CA-15205 - black with white and grey printings

CA-15211 - white with green and silver printings

CA-15212 - white with red and silver printings

CA-15213 - white with silver printing

CA-15214 - white with blue and silver printings



New !

Available
January 2015

CA-15201

CA-15202

CA-15203



New !

Available
January 2015

CA-15204

CA-15205

CA-15211



New !

Available
January 2015

CA-15212

CA-15213

CA-15214



Disc brake pads



After a long development process and rigorous test rides, we are proud to introduce our brand new line of high performance disc brake pads. We have developed our line of brake pads in cooperation with the industry's finest technical partners. Our comprehensive line currently includes 38 disc brake pads to equip more than 130 different brake systems.

Two types of brake pads are available :

Our high performance **Organic Ceramic** pads contain ceramic particles for consistent efficiency from one braking to another. The pads benefits from a very good bite but remain progressive and easy to control despite high braking power. Long lifespan and rotor friendly. Suitable for all conditions. These pads are designed for cycling enthusiasts and competitors.



Our high performance **Sintered Metal** pads contain fine metallic particles for ultimate braking performance. These pads have a very good bite when you start braking while maintaining a powerful braking. Our pads enable to easily control braking power even in case of a powerful braking. Long lifespan in any condition. These pads are designed for competitors (from cross-country to downhill).



All brake pads must be bedded-in progressively (about 30 brakings) to benefit from their optimum efficiency.

During running in, we recommend to brake several times smoothly and to let your brakes cool down after each braking. Increase progressively braking power and braking duration to prevent brake overheating. Once bedding-in has been achieved, pads can sustain the most powerful brakings.

NB : Extreme conditions of use (high speed, sand, mud, ...) and some entry level rotors increase wear and tear of pads.

Brands	Brakes	Organic	Sintered
SHIMANO	Deore M575, M525, M515, M495, M486, M485, M475, M465, M447, M446, M445, M416, M415, M395 et M375, Nexave C501 et C601	PA-59001	
	XTR, XT, SLX, M985, M785, M666, S700 2011	PA-59002	PA-64002
	XTR M975, M966, M965, XT M775, M765, SLX M665, LX M585, Deore M535, Saint M800, Hone M601	PA-59003	PA-64003
	Deore XT M755, The Cleg DH, Grimeca 8, Hope Mono M4, Tech M4	PA-59004	PA-64004
	Saint M810, M820		PA-64005
AVID, SRAM	Elixir, XX, XO	PA-59015	PA-64015
	Juicy 3, 5, 7, ultimate, mechanical BB7, PROMAX DSK-950	PA-59016	PA-64016
	BB5 Ball Bearing Five	PA-59017	
	Red	PA-59018	
	Code 2011	PA-59019	
	Code 2007-2010	PA-59020	
FORMULA	One / R1 / RX / Mega	PA-59030	PA-64030
	-Oro	PA-59031	PA-64031
	B4 , GRIMECA System 13	PA-59032	
HAYES	Stroker Ryde, Dyno	PA-59045	
	Stroker Trail, Carbon, Gram	PA-59046	
	Hayes MX-1, MAG, HFX-9	PA-59047	
	MX-2, MX-3, MX-4, GX2, Sole	PA-59048	
	El Camino	PA-59049	
	Prime	PA-59050	
MAGURA	MT2, MT4, MT6, MT8	PA-59060	PA-64060
	Louise 2007/2008, Julie HP 2009, Marta 2009	PA-59061	
	Julie	PA-59062	
	Clara 2000, Louise 1999-2001	PA-59063	
	Clara 2001	PA-59064	
	Marta / Marta SL 2002-2008	PA-59065	
HOPE	Tech X2, Mini X2, Tech V2	PA-59075	
	V4	PA-59076	
	Mono Mimi	PA-59077	
	Mono M4, Tech M4	PA-59004	
GIANT	MPH Root	PA-59001	
TEKTRO	lox, Tektro Lyra	PA-59090	
	Aquila, Draco, Auriga, Gemini, Orion, Dorado et HDC	PA-59001	
PROMAX	DSK-950	PA-59016	
GRIMECA	System 13	PA-59032	
	System 8	PA-59004	

SHIMANO

PA-59001

CERAMIC COMPOUND
ORGANIC



Deore M575, M525, M515, M495, M486, M485, M475, M465, M447, M446, M445, M416, M415, M395 et M375, Nexave C501 und C601

PA-59002

CERAMIC COMPOUND
ORGANIC



XTR, XT, SLX, M985, M785, M666, S700 2011

PA-64002

METAL COMPOUND
SINTERED



XTR, XT, SLX, M985, M785, M666, S700 2011

PA-59003

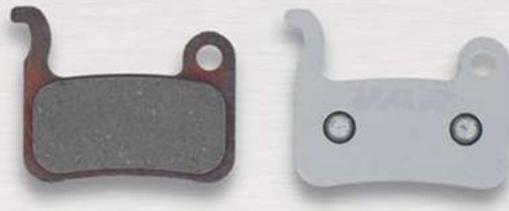
CERAMIC COMPOUND
ORGANIC



XTR M975, M966, M965, XT M775, M765, SLX M665, LX M585, Deore M535, Saint M800, Hone M601

PA-64003

METAL COMPOUND
SINTERED



XTR M975, M966, M965, XT M775, M765, SLX M665, LX M585, Deore M535, Saint M800, Hone M601

PA-59004

CERAMIC COMPOUND
ORGANIC



Deore XT M755, The Cleg DH

PA-64004

METAL COMPOUND
SINTERED



Deore XT M755, The Cleg DH

PA-64005

METAL COMPOUND
SINTERED



Saint M810, M820

AVID / SRAM

PA-59015

CERAMIC COMPOUND
ORGANIC



Elixir, XX, XO

PA-64015

METAL COMPOUND
SINTERED



Elixir, XX, XO

PA-59016

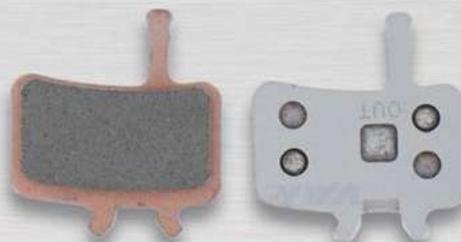
CERAMIC COMPOUND
ORGANIC



Juicy 3, 5, 7, ultimate, mechanical BB7

PA-64016

METAL COMPOUND
SINTERED



Juicy 3, 5, 7, ultimate, mechanical BB7

PA-59017

CERAMIC COMPOUND
ORGANIC



BB5 Ball Bearing Five

PA-59018

CERAMIC COMPOUND
ORGANIC



Red

PA-59019

CERAMIC COMPOUND
ORGANIC



Code 2011

PA-59020

CERAMIC COMPOUND
ORGANIC



Code 2007-2010

FORMULA

PA-59030

CERAMIC COMPOUND
ORGANIC



One / R1 / RX / Mega

PA-64030

METAL COMPOUND
SINTERED



One / R1 / RX / Mega

FORMULA

PA-59031

CERAMIC COMPOUND
ORGANIC



Oro

PA-64031

METAL COMPOUND
SINTERED



Oro

PA-59032

CERAMIC COMPOUND
ORGANIC



B4

HAYES

PA-59045

CERAMIC COMPOUND
ORGANIC



Stroker Ryde, Dyno

PA-59046

CERAMIC COMPOUND
ORGANIC



Stroker Trail, Carbon, Gram

PA-59047

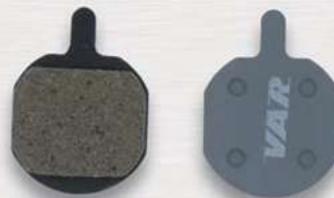
CERAMIC COMPOUND
ORGANIC



Hayes MX-1, MAG, HFX-9

PA-59048

CERAMIC COMPOUND
ORGANIC



MX-2, MX-3, MX-4, GX2, Sole

PA-59049

CERAMIC COMPOUND
ORGANIC



El Camino

PA-59050

CERAMIC COMPOUND
ORGANIC

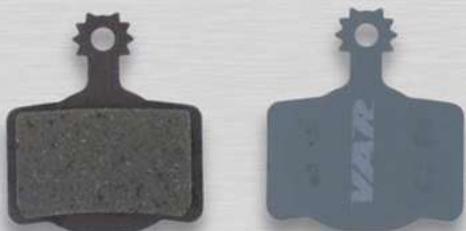


Prime

MAGURA

PA-59060

CERAMIC COMPOUND
ORGANIC



MT2, MT4, MT6, MT8

PA-64060

METAL COMPOUND
SINTERED



MT2, MT4, MT6, MT8

PA-59061

CERAMIC COMPOUND
ORGANIC



Louise 2007/2008, Julie HP 2009, Marta 2009

PA-59062

CERAMIC COMPOUND
ORGANIC



Julie

PA-59063

CERAMIC COMPOUND
ORGANIC



Clara 2000, Louise 1999-2001

PA-59064

CERAMIC COMPOUND
ORGANIC



Clara 2001

PA-59065

CERAMIC COMPOUND
ORGANIC



Marta / Marta SL 2002-2008

GRIMECA

PA-59032

CERAMIC COMPOUND
ORGANIC



System 13

PA-59004

CERAMIC COMPOUND
ORGANIC



System 8

HOPE

PA-59075

CERAMIC COMPOUND
ORGANIC



Tech x2, Mini x2, Tech V2

PA-59076

CERAMIC COMPOUND
ORGANIC



V4

PA-59077

CERAMIC COMPOUND
ORGANIC



Mono Mini

PA-59004

CERAMIC COMPOUND
ORGANIC



Momo M4, Tech M4

GIANT

PA-59001

CERAMIC COMPOUND
ORGANIC



MPH Root

TEKTRO

PA-59090

CERAMIC COMPOUND
ORGANIC



Iox, Tektro Lyra

PROMAX

PA-59016

CERAMIC COMPOUND
ORGANIC



DSK-950

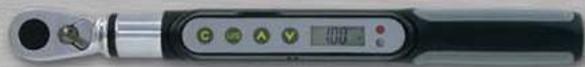
New products



DV-57100 (P.62)



DV-12200 (P.58)



DV-12100 (P.58)



CH-06400 (P.34)



RP-02200 (P.44)



CR-07300 (P.70)



RL-09600-15 (P.32)



RP-43400 (P.47)



BP-60500-C (P.19)



CD-03623-PF (P.3)



CD-03623-PF30 (P.3)



CD-03623-BB30 (P.3)



CD-14400 (P.9)

KO-91202 (P.76)



KO-91402 (P.77)



KO-91302 (P.76)



KO-91502 (P.78)



New products



MO-50700 (P.73)



MO-49200 (P.71)



MO-49600 (P.71)



MO-49300 (P.71)



MO-49700 (P.71)



MO-51300 (P.73)

MO-51200 (P.73)



NL-78300 (P.52)



NL-78400 (P.52)



NL-78600 (P.52)



NL-79000 (P.50)

NL-74700 (P.49)



NL-74902 (P.49)



NL-78500 (P.52)





New products



38 disc brake pads
(P.82 - P.87)



CA-14901 (P.80)



CA-14902 (P.80)



CA-15001 (P.80)



CA-15214 (P.81)



CA-15204 (P.81)



NL-79200 (P.51)



NL-79100 (P.51)



NL-74500 (P.48)



NL-74600 (P.48)



RP-44200 (P.43)



RP-44200-B (P.43)



PS-00110 (P.74)



PS-00120 (P.74)

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