

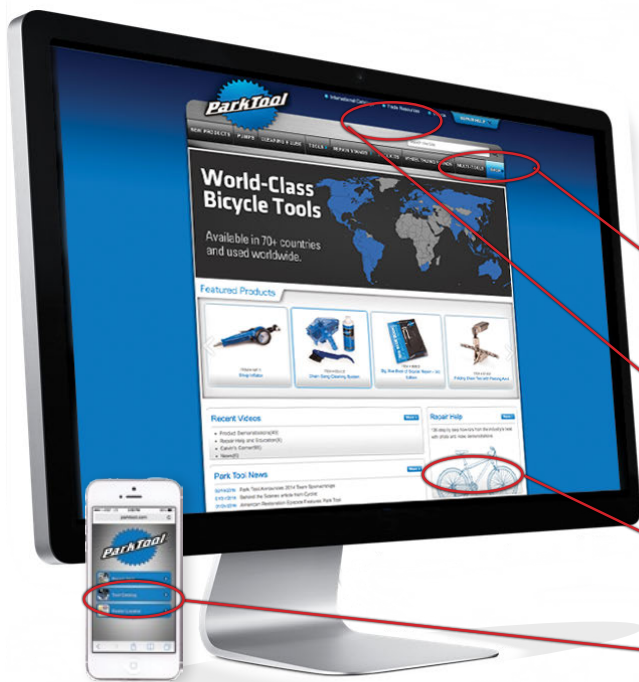


Park Tool

2015

Park Tool Web Site

Considered by many to be the most useful site in the bicycle industry.



Detailed Product Information

Dealer Locator for Products and Programs

Extensive Repair Help Library

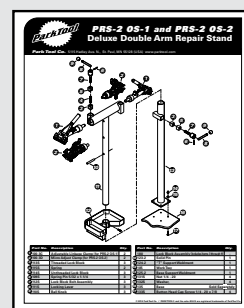
Complete Mobile Site

- Up to date specs and photos of our entire product line
- Exploded view drawings and part numbers for most Park Tool products
- Downloadable versions of this catalog in French, German, Spanish, Japanese, Italian, Chinese and English
- Over 100 detailed, printable instructions and photos for almost any bicycle maintenance task or repair
- "Tool Locator" for helping select the right tool for the job
- Dealer locator with special Park Tool School references and links
- Recommended tool lists for mechanics of various levels of expertise

www.parktool.com



Easy to use, in depth repair help section



Expanded product diagrams make finding replacement parts easy



@Park_Tool



www.facebook.com/parktool



http://www.youtube.com/user/parktoolcompany

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2015

Why Blue is best for you

So what makes Park Tool unique? Why choose our tools over others in the industry? Here are ten reasons we're the first choice of mechanics around the world:

1. We've got the most complete line in the business. Over 400 tools to work on just about any bike for any repair or maintenance procedure.
2. A long-standing commitment to building quality products utilizing the best materials, designs and processes we can find.
3. A seasoned, talented pool of engineers and researchers on staff whose main goal is to make the best bicycle tools on the planet.
4. Relationships with just about every component manufacturer in the industry, assuring timely updates and new tool releases.
5. A commitment to making products in the U.S.A. whenever possible. We make 80% of our parts domestically and 20% with approved overseas factories, allowing us to be quick on our feet and thorough in our quality control.
6. Education. We offer repair help and advice in many different forms, including our own repair manual (The Big Blue Book of Bicycle Repair), The Park Tool School, on-line repair help, seminars and instructional videos. Plus we're always available to answer technical questions directly utilizing our experienced staff.
7. Commitment to the industry through sponsorship of events, teams and multiple advocacy organizations.
8. A long history. We've been at this for over 50 years!
9. A full inventory of replacement parts for just about everything we've ever made.
10. We love tools and bicycles. It's all we do and we have a great time doing it.



We've built what we believe to be the best bicycle tool company in the world and we've got mechanics like you to thank for that. We appreciate your loyalty and look forward to building tools for you for many years to come.

Best Regards,

Eric Hawkins, President

The rest of the story... John 1:12

¹² Yet to all who received Him, to those who believed in His name, He gave the right to become children of God.

Park Tool Limited Lifetime Warranty

Park Tool Company backs its tools with a limited lifetime warranty. If a Park Tool product fails to perform its intended purpose, under normal usage, due to defects in material or workmanship, the tool will be repaired or replaced at our option. Tools that are worn from normal use, or damaged due to accident, abuse, neglect or modification are not covered by the warranty. When possible, tools not covered under warranty will be repaired at a reasonable charge. This warranty does not cover consequential damage or cost of injury incurred by the user.

Pumps, stools, torque wrenches, electronic tools, motors and power supplies are warranted for one year from the date of purchase. Tools for warranty consideration should be returned to the point of purchase or to Park Tool Company.

100-3C Clamp



100-3D Clamp



TOOL TRAY INCLUDED

PRS-2 OS and PRS-3.2 both adjustable from 50 to 62 inches (127cm-158cm)

A

22.5" x 35" (571.5mm x 889mm)



TOOL TRAY INCLUDED

B

22.5" x 22.5" (571.5mm x 571.5mm)



D

C

94" height (238 cm) with base and accessory bar (not using accessory bar will reduce height by 2-3/4")

Bases sold separately

PROFESSIONAL REPAIR STAND ACCESSORIES

A PRS-2 OS Deluxe Double Arm Repair Stand

The standard of the bike industry for over 40 years, the PRS-2 OS clamps two bikes and rotates horizontally 360 degrees, allowing one bike to be swung out of the way to work on another. Built from heavy gauge, oversized steel tubing then chrome plated for years of carefree use.

- Easily height adjustable from 50" to 62" (128-158cm) utilizing our proven Lock Block System
- The maximum weight holding capacity of the PRS-2 OS is 68 kg (150 lb.)
- Includes #105 cast aluminum work tray

Choice of two different clamping systems:

PRS-2 OS-1: Includes two 100-3C Adjustable Linkage Clamp

PRS-2 OS-2: Includes two 100-3D Micro-Adjust Clamps (pictured)

#135: 115 pound (52kg) steel plate base (Sold Separately)

FP-2 Floor Mounting Plate to mount directly to floor

UPDATED

B PRS-3.2 Deluxe Single Arm Repair Stand

Built to withstand the rigors of every day shop use the updated PRS-3.2 is the stand of choice for professional mechanics around the world.

- Easily height adjustable from 50" to 62" (128-158cm) utilizing our proven Lock Block System
- The maximum weight holding capacity of the PRS-3.2 is 54 kg (120 lb.)
- Includes #105 cast aluminum work tray

Choice of two different clamping systems:

PRS-3.2-1: Includes 100-3C Adjustable Linkage Clamp

PRS-3.2-2: Includes 100-3D Micro-Adjust Clamp (pictured)

#130: 65 pound (29.5kg) steel plate base (Sold Separately)

FP-2 Floor Mounting Plate to mount directly to floor

C PRS-33 Power Lift Shop Stand

The biggest, strongest, stiffest, most versatile repair stand ever built. We created the PRS-33 with professional mechanics in mind blending a massive upright with the ease and convenience of a powered lift. The size and strength ensures a super rigid workstation able to go higher than ever before and the power lift allows effortless height adjustment for any bike up to 120 pounds (54kg). Perfect for lifting heavy electric bikes or for mechanics with lifting limitations but also great for easy height changes during a repair or set up. The PRS-33 is a single arm stand but can be made into a double arm stand with the addition of part number PRS-33 AOK.

- Adjustable height from 9" to 78" (23cm-198cm)
- Integrated work tray
- Integrated accessory bar to hang wheels, air hoses, lights and just about any other accessory you can think of
- Electric motor able to smoothly lift 120 pounds (54kg)
- Oversized gussets to mount stand directly to the floor
- 100-3D Micro Adjust clamp
- Two #450 Machine Thread Hooks

#135-33: 115 pound (52k) steel plate base with floor levelers (Sold Separately)

D PRS-33AOK 2nd Arm Add On Kit

Make it a double arm stand! Turns the PRS-33 single arm stand into a double arm stand. Complete with clamp, sliding carriage, work tray, electric motor, power source, chain and hardware.

104 Work Tray*

This large tray is ideal for holding small parts and tools. It features deep sides so small items stay put. A variety of slots and holes hold any tool. Fits PCS-1, PCS-4, PRS-2, PRS-3, PRS-6, PRS-11 & PRS-12.



105 Cast Aluminum Tool Tray*

The 105 is a handy and sturdy cast aluminum tray with deep-walled compartments and assorted slots for holding tools, lubes, and small parts. Fits all versions of the PRS-2, PRS-3, PCS-4 & PRS-13 Shop Stands.



FP-2 Floor Plate

Permanently and securely attach your Park Tool Repair Stand (All versions of PRS-2 and PRS-3) to the floor. Steel plate is 8" x 8" (20x20cm) and attaches to stand with four bolts, which are included.



HBH-2 Handlebar Holder

The Handlebar Holder is designed to prevent the handlebar and front wheel from rotating when a bike is mounted in a Park Tool Repair Stand. Updated to fit handlebars with a diameter up to 32mm and oversized top tubes up to 50mm, the HBH-2 works on almost any road or mountain bike.



*Tools not included



ACCESSORIES



BAG-15 Travel & Storage Bag

Heavyweight nylon bag with shoulder strap for transporting and storing the PCS-9, PCS-10, PCS-11, PRS-15 and PRS-25.



PTH-1 Paper Towel Holder

Fits into the Receiver Ports of any PRS-25, PRS-15, PCS-11 and PCS-10 to hold a standard roll of paper towels. Also works great for hanging clothing, wheels, tires, etc.



106-AC Accessory Collar

Easily adapts the #106 Tool Tray or PTH-1 Paper Towel Holder to fit PCS-9 and post 2003 PCS-1 and PCS-4 Repair Stands.

PCS-4 Deluxe Home Mechanic Repair Stand

The PCS-4 is a heavy duty folding stand with your choice of shop quality clamps. Perfect for heavier duty home use or portable shop use, the PCS-4 features a rock solid, four-point leg system that folds together for storage, steel powder coated tubing, and a composite horizontal tube.

- Clamp rotates 360° and is adjustable in height up to 67" (170cm)
- Adjusts quickly from 55" to 72"
- Approximate weight 26 lbs (11.8 kg)

Note: The maximum weight holding capacity of the PCS-4 is 100 lb. (45 kg). However, this assumes the weight is centered over the legs.

Choice of two different clamping systems:

PCS-4-1: Includes 100-5C Adjustable Linkage Clamp

PCS-4-2: Includes 100-5D Micro-Adjust Clamp (pictured)

PCS-9 / PCS-10 Deluxe Home Mechanic Repair Stands

Each of these folding stands are designed to fold small, adjust in height and clamp a huge variety of tubing and tubing sizes. The unique three-point leg system creates an extremely solid base capable of handling nearly any bike.

PCS-10 is built with a few upgrades from the PCS-9 to make setup, take down and use, quicker and easier (see chart for features).



	PCS-9	PCS-10
Height	39" up to 57" (99cm-145cm)	39" up to 57" (99cm-145cm)
Weight	20 lbs (9.15kg)	25 lbs (11.3kg)
Leg Dimensions	Base when open forms a triangle of 36" x 36" x 45" (92cm x 92cm x 115cm)	Base when open forms a triangle of 36" x 36" x 45" (92cm x 92cm x 115cm)
Finish	Blue Powder Coat	Blue Powder Coat
Capacity	80 lb. (36kg) <i>centered over legs</i>	80 lb. (36kg) <i>centered over legs</i>
Clamp	Adjustable Fits tubes from 7/8" to 3" (24mm-76mm)	Cam-actuated adjustability for quick closing, clamping and opening from 7/8" to 3" (24mm-76mm)
Replacement Part	Jaw Covers #1185K	Jaw Covers #1185K
Accessories	BAG-15 Travel & Storage Bag 106 Tray* PTH-1 Paper Towel Holder*	BAG-15 Travel & Storage Bag TS-25 Repair Stand Mounted Wheel Truing Stand 106 Tray* PTH-1 Paper Towel Holder*
Features	Clamp rotates 360° Height adjustable Folds for storage	Clamp rotates 360° Quick release height adjustable Composite top tube Spring buttons locking system Folds for storage

*Requires 106-AC

Repair Stand Accessory Use Guide:

	Product Name:	For use with:
TS-25	Repair Stand Mounted Wheel Truing Stand	PRS-25, PCS-1, PCS-4 and PCS-10
TS-TA	Thru Axle Adapter	TS-25, TS-8, TS-2, TS-2.2
106-AC	Accessory Collar	PCS-9; Post-2003: PCS-1, PCS-4
106	Tray	PRS-15, PRS-25, PCS-10, PCS-9; Post-2011: PRS-20, PRS-21; Post-2003: PCS-1
PTH-1	Paper Towel Holder	PCS-10, PCS-11, PRS-15 and PRS-25
BAG-15	Travel & Storage Bag	PCS-9, PCS-10, PCS-11, PRS-15 and PRS-25
BAG-20	Storage and Travel Bag	PRS-20 and PRS-21
1707.2	Collar (Tool Tray Ready)	Pre-2012: PRS-20 and PRS-21
1728-TA	Sliding Thru Axle Adaptor	PRS-20, PRS-21 and PRS-23

106 Tray

A great work stand accessory built to keep tools, lubes and spare parts right at your fingertips. The #106 installs easily utilizing our exclusive receiver pod accessory system found on the PRS-15, PRS-25, PCS-10, PCS-11, post 2011 PRS-20 and PRS-21, as well as PCS-9 and post 2003 PCS-1 and PCS-4 when used with part #106-AC Accessory Collar (available separately).

- Universal, large compartment
- Small compartment
- Lube holder
- Integrated tab system holds plastic market bag for trash
- Universal tool/towel bar
- Two receiver pods to accept accessories
- Easy on and off





PRS-20 Mounted to rear dropouts



PRS-20 Folded

PRS-21 Super Lite Team Race Stand

The PRS-21 is the perfect stand to choose when size and weight are important. Ideal for the traveling mechanic or any mechanic who has to have the best and lightest.

- Same great stability, versatility and features as the PRS-20
- Weighs only 13.5 lbs (6.2 kg), 35% less than the PRS-20
- Built using the perfect combination of steel for strength in joints and pivots, and aluminum to save weight
- Accepts #106 Work Tray
- Maximum weight limit—60 lb./27kg

PRS-20 Team Race Stand

The PRS-20 Team Race Stand is a compact, Euro-style work stand that securely holds the bike without clamping the frame tubes or seat post. Ideal for bikes with ultra lightweight frame tubes and seatposts, and for bikes with tight access areas that can't be clamped. Originally designed for Tour de France Team Mechanics, the PRS-20 is now available to professional and home mechanics everywhere.

- Quick release mounts hold bike securely by the front or rear dropouts
- Taller vinyl-covered cradle to create extra clearance between bottom bracket and stand
- 360 degree horizontal rotation allows easy access to both sides of bike
- Folds to 33" (84cm) for easy transport and storage
- Stable tripod base
- Bottom bracket height quickly adjusts from 28" to 38" (71cm to 96cm)
- Durable blue powder coat finish; high wear parts are chrome plated
- Extra long, quick release retention strap to stabilize bottom bracket
- Accepts #106 Work Tray
- Maximum weight limit—60 lb./27kg

ACCESSORIES



BAG-20 Travel and Storage Bag

Heavyweight nylon bag with shoulder strap for transporting and storing the PRS-20 and PRS-21.



1707.2 Collar (Tool Tray Ready)

Replacement collar for Pre-2012 PRS-20 and PRS-21 stands to accept installation of #106 Work Tray.



1728-TA Sliding Thru Axle Adaptor

Converts any PRS-20, PRS-21 or PRS-23 to accept 15mm and 20mm thru axle wheeled bikes.



TS-25 Repair Stand Mounted Wheel Truing Stand

Small, lightweight, portable and accurate, the TS-25 securely holds any wheel using a quick release or threaded axle and adjusts for any wheel diameter and rim width. Installs and removes quickly and easily. Fits PRS-25, PCS-1, PCS-4 and PCS-10 Repair Stands.

TS-TA Thru Axle Adaptor see page 28 (Sold Separately)



Clamping height quickly adjusts from 45 to 60 inches
111.8cm to 152.4cm



PRS-25 folded and clamp securely stowed

PRS-25 Team Issue Portable Stand

Our best portable stand, the PRS-25 is lightweight, stable and packed with features, the PRS-25 is designed and built to perform on smooth concrete or rough terrain. Featuring our 100-25D Professional Micro-Adjust Shop Clamp, the PRS-25 folds easily into a neat little package. Built with our own proprietary Hexatude™ hex-shaped extruded aluminum tubing and utilizing our mechanic proven three-point leg system, this stand is solid yet weighs a scant 13 pounds (6 kg).

Features:

- Quickly and easily folds to 47" x 9" x 9" (119cm x 23cm x 23cm)
- Clamping height adjusts up to 60" (152.4cm)
- Park Tool's exclusive Hexatude™ hex shaped extruded aluminum tubing ensures low flex and no rotation
- Aluminum leg straps ensure all parts slide, fold and unfold together
- Weighs less than 13 pounds (6 kg)
- 360° infinite position clamp rotation
- 100-25D Professional Micro-Adjust Shop Clamp (see description on page 10)
- Maximum weight limit—100 lb./45kg

NEW



PRS-4 OS
Deluxe Bench Mount Repair Stand

The Deluxe Bench Mount Stand is offered with your choice of two different shop clamps, the 100-3C or 100-3D. The clamp rotates 360 degrees, allowing the bike to be positioned at any angle. Mounts easily to any flat surface. Mounting bolts not included.

- PRS-4 OS-1:** 100-3C Adjustable Linkage Clamp
- PRS-4 OS-2:** 100-3D Micro-Adjust Clamp

PRS-4W
Deluxe Wall Mount Repair Stand

Designed to be easily mounted to any post or wall stud, the PRS-4W is a shop quality stand offered with your choice of two different clamps, the 100-3C or 100-3D. Main tube is powder coated for long life. Mounting bolts not included.

- PRS-4W-1:** 100-3C Adjustable Linkage Clamp
- PRS-4W-2:** 100-3D Micro-Adjust Clamp (shown)

PRS-7
Bench Mount Repair Stand

Easily mounted on any workbench and offered with your choice of two different shop clamps, Durable powder coated upright and composite horizontal tube. Mounting bolts not included.

- PRS-7-1:** 100-5C Adjustable Linkage Clamp (shown)
- PRS-7-2:** 100-5D Micro-Adjust Clamp

PCS-12
Home Mechanic Bench Mount Repair Stand

A bench mount version of our popular PCS-10 Home Mechanic Repair Stand. Features a quick adjusting cam-type clamp that fits tubes up to 76mm (3") and rotates 360 degrees for easy access to any part of the bike. Clamping pressure is fully adjustable to prevent damage to thin walled tubes. Durable powder coated upright and composite horizontal tube. Mounts to any flat surface. Mounting bolts not included.



100-3D / 100-5D / 100-25D Professional Micro-Adjust Clamp

We've built what we believe is the best shop grade work stand clamp ever made. It's smooth, versatile and built to stand up to constant, everyday shop use. With its rapid release, micro-adjust clamping system, the narrow jaws can be easily and quickly adjusted to clamp nearly any tube, at any pressure.

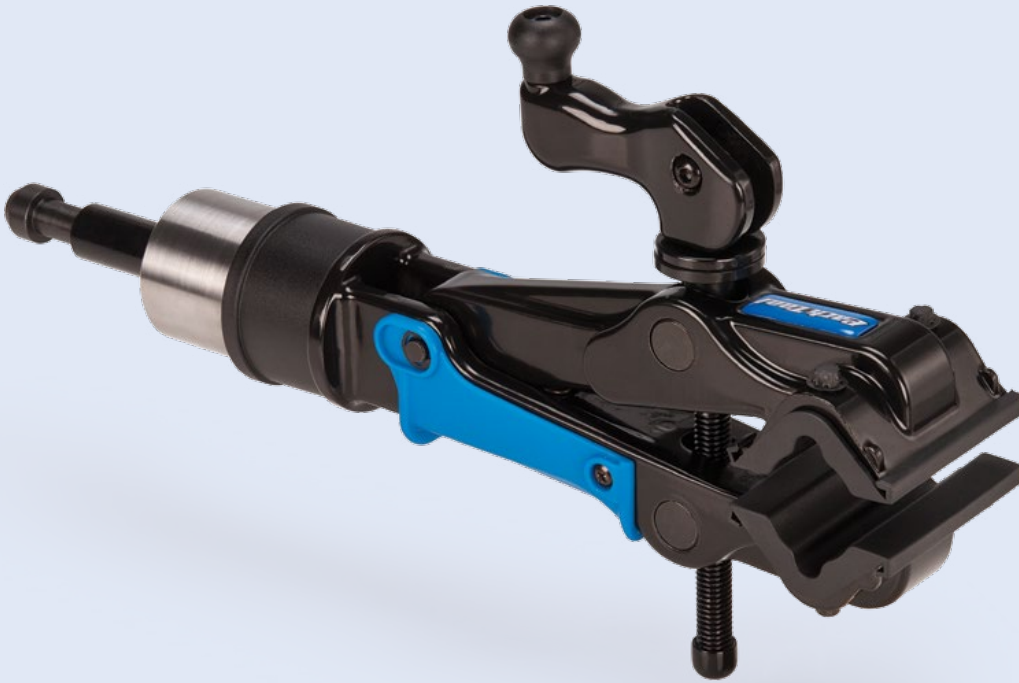
- Grips nearly any tube from 7/8" to 3" (23-76mm), including aero tubes
- Cam-actuated adjustment system for quick entry, adjustment and exit
- Narrow clamping jaws (2.7"/7cm) designed to clamp securely yet fit into tight areas or on short seat posts
- Fully adjustable clamping pressure prevents damage to thin-walled tub

Compatibility:

100-3D: All generations of PRS-2, PRS-3, PRS-4 and PRS-33

100-5D: 2001 and later PCS-1, PCS-4, and PRS-7 with composite top tubes

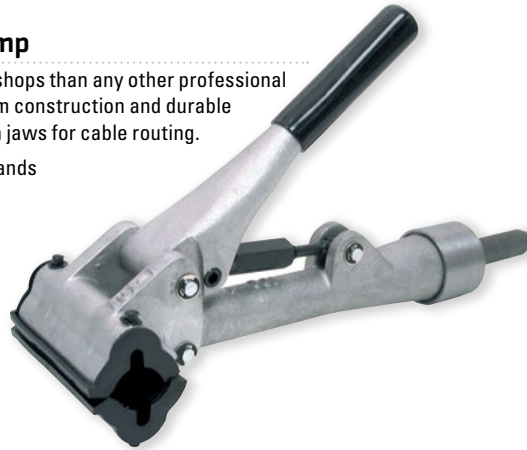
100-25D: PRS-25, PCS-10, PCS-11, and PCS-12



100-3C Adjustable Linkage Shop Clamp

Our adjustable linkage shop clamp is found in more shops than any other professional level clamp. The 100-3C features solid cast aluminum construction and durable replaceable clamp covers. Clamp has reliefs on both jaws for cable routing.

- Fits all generations of PRS-2, PRS-3, and PRS-4 stands
- Fits bike frame tubes from 1" to 1 5/8"
- Uses the 468B jaw covers



100-7X Extreme Range Clamp

Featuring a fast and secure quick release pivot system and a durable size adjustment system built for years of daily use. Our most versatile clamp, the 100-7X fits all PRS-2, 3 and 4 (including OS models) repair stands and works on nearly any bike no matter the size and shape of the frame tube.

- Clamps oversized, square, rectangular, and even aero shaped tubes
- Quickly adjusts from 7/8" to 4"
- Pivots 90 degrees to clamp either top and bottom or left and right sides of tube
- Adjustable clamping pressure prevents damage to thin-wall tubes
- Narrow jaws for clamping in tight access
- Fits any any generation of PRS-2, 3 and 4 and PRS-33





ES-1 Event Stand

A versatile, stable, multi-purpose storage rack built to hold up to twelve bikes by the nose of the saddle. Perfect for events, races or sidewalk storage the ES-1 disassembles and folds easily for compact storage. The ES-1 is roughly eight feet long but can be extended in length with the use of ES-2 Add-on Kits.

Includes:

- 2 - Height adjustable tripod uprights
- 2 - 47" (119cm) support tubes (96" [239cm] total length)
- 1 - Connector sleeve

PB-1 Portable Workbench

Perfect for taking to races and rides, the PB-1 is a workbench that folds for easy transport and storage. Features a large 36" x 23" work surface (91.5cm x 58.5cm) with specially sized slots, holes, and ports for holding tools, shop towels, lubes, and accessories (such as the PTH-1 Paper Towel Holder). Heavy duty steel legs provide a rock solid base for heavy tools, tool boxes and supplies.

Folded: 42.5" x 23" x 7"
(108cm x 58.5cm x 18cm)

Set Up: 36" x 23" x 32.5"
(91.5cm x 58.5cm x 82.5cm)

Weight: 20.2 lbs.



ES-2 Event Stand Add-on Kit

Includes:

- 1 - Height adjustable tripod upright
- 2 - 47" (119cm) support tubes
- 1 - Connector sleeve

OM-1 Benchtop Overhaul Mat

A great way to hold small parts, tools and components during a repair, the OM-1 features multiple small pockets and one large work area. Perfect for suspension work or to organize parts for installation. Made of a rubber-like PVC, the OM-1 cleans easily and looks great on any bench. Measures: 13.4" x 9.4" (34cm x 24cm)



JH-1 Bench Top Small Parts Holder

A great place to keep small parts, cable end caps, grease, and whatever else you can think of. Stainless steel construction with a clear acrylic hinged top and four removable bins. 12" x 5.5" x 3.5" (30.5cm x 14cm x 9cm)



MB-1 Magnetic Parts Bowl

This bench top accessory keeps small parts accessible and all in one place. 6" (15cm) in diameter and featuring an extra strong magnet, the MB-1 is available only in world famous Park Tool Blue.

Park Tool introduced the original storage hook over fifty years ago. Available in both wood threaded and machine threaded versions, these hooks are made of strong steel wire and are vinyl coated for long, scratch-free life.

NEW

450 / 470 / 470XX Machine Thread Hooks

Made of strong steel wire and are black vinyl coated for long, scratch-free life. Includes two nuts.

450: Regular

470: Oversized

470XX: Extra Large



NEW

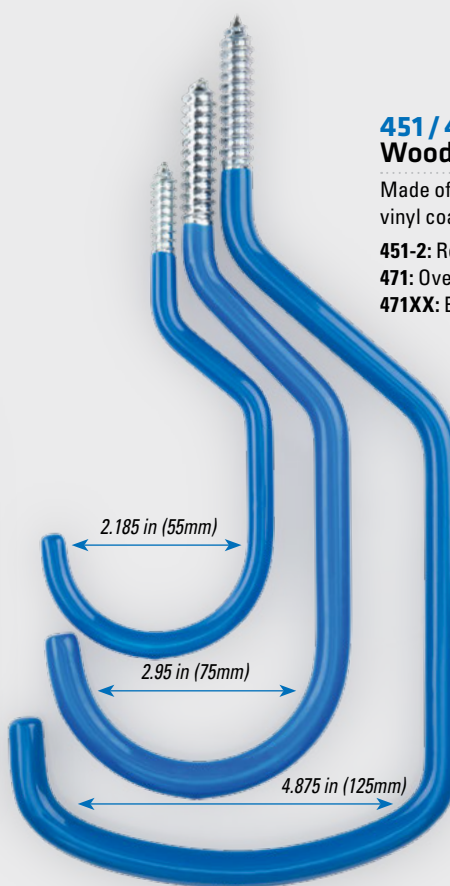
451 / 471 / 471XX Wood Thread Hooks

Made of strong steel wire and are blue vinyl coated for long, scratch-free life.

451-2: Regular (sold in pairs)

471: Oversized

471XX: Extra Large





HXS-2.2 Professional L-Shaped Hex Wrench Set with Holder

Shop quality L-shaped, high torque industrial steel Balldriver® hex wrenches featuring 2, 2.5, 3, 4, 5, 6, 8, and 10mm hex wrenches with chamfered tips and tight tolerances. Bench/wall mount tool holder included.

Note: 10mm hex in set is not a Balldriver®.

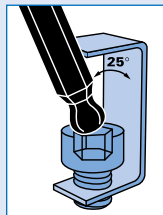
PH-1 P-Handled Hex Wrench Set with Holder

Engineered for fit, function and leverage, these L-shaped shop quality wrenches are a must have for every workshop.

- High torque, industrial steel hexes
- Straight hex shaft on the short side, Balldriver® on the long side
- Includes 2, 2.5, 3, 4, 5, 6, 8, and 10mm
- Precision chamfered tips for a clean tight fit
- Comfortable, ergonomically designed nylon handles fit perfectly in your hand
- Durable wall/bench mount tool holder allows easy access and organization

Individual sizes available separately:

- | | |
|----------------------|--------------------|
| PH-2: 2mm | PH-10: 10mm |
| PH-2.5: 2.5mm | PH-11: 11mm |
| PH-3: 3mm | PH-12: 12mm |
| PH-4: 4mm | |
| PH-5: 5mm | |
| PH-6: 6mm | |
| PH-8: 8mm | |



HXS-1.2 Professional L-Shaped Hex Wrench Set

Shop quality L-shaped, high torque industrial steel Balldriver® hex wrenches. Featuring chamfered tips, tight tolerances and a handy portable tool holder, hinged for easy access. 1.5, 2, 2.5, 3, 4, 5, 6, 8, and 10mm hexes.

Note: 10mm hex in set is not a Balldriver®.



HR Hex Wrenches

A long handled 8mm L-Wrench with Balldriver® individually packaged for retail sale or shop use. Ideal for installing and removing crank bolts.

11mm, 12mm, 14mm and 15mm hex wrenches are necessary for removing the freehub bodies from several popular brands of hubs (Mavic®, Shimano®, Sun Race®, Sovos®, and others).

- Through hardened industrial quality steel
- Chamfered tips for a precision fit

- | | |
|-------------------------------------|----------------------|
| A HR-8: 8mm with Balldriver® | D HR-14: 14mm |
| B HR-11: 11mm | E HR-15: 15mm |
| C HR-12: 12mm | |

NEW



HT-6 / HT-8 / HT-10 Hex Tools

Specially designed for cranks, free hubs and pedals the HT tools are built for speed, leverage and comfort. Our dual density, ergonomically designed screwdriver handle molded over an extra long, extra deep, super strong hex. It may be your new favorite tool!

HT-6: 6mm

HT-8: 8mm

HT-10: 10mm

AWS Fold Up Hex Wrench Sets

Park Tool Fold Up Hex Wrench Sets use a multi-position composite handle that is comfortable, lightweight, and slip-resistant handles. Hexes are made from industrial tool steel, through hardened, and tempered for long life.

AWS-9: 4mm, 5mm, and 6mm Hex Wrench Set with Phillips and straight blade screwdrivers



AWS-10: 1.5mm, 2mm, 2.5mm, 3mm, 4mm, 5mm, and 5mm Hex Wrench Set

AWS-11: 3mm, 4mm, 5mm, 6mm, 8mm, and 10mm Hex Wrench Set



AWS-12: 2mm, 3mm, 4mm, 5mm, 6mm, 3/16", 7/32", and 1/4" Hex Wrench Set

AWS-13 / AWS-14 Fold-Up Hex Key Set

Diminutive versions of our world famous fold-up tools each featuring 3, 4 and 5mm hexes, a T25 Torx® compatible bit, combo screwdriver and a key ring holder, all in a tough composite case.

AWS-13: Micro (57mm/2.25 in)

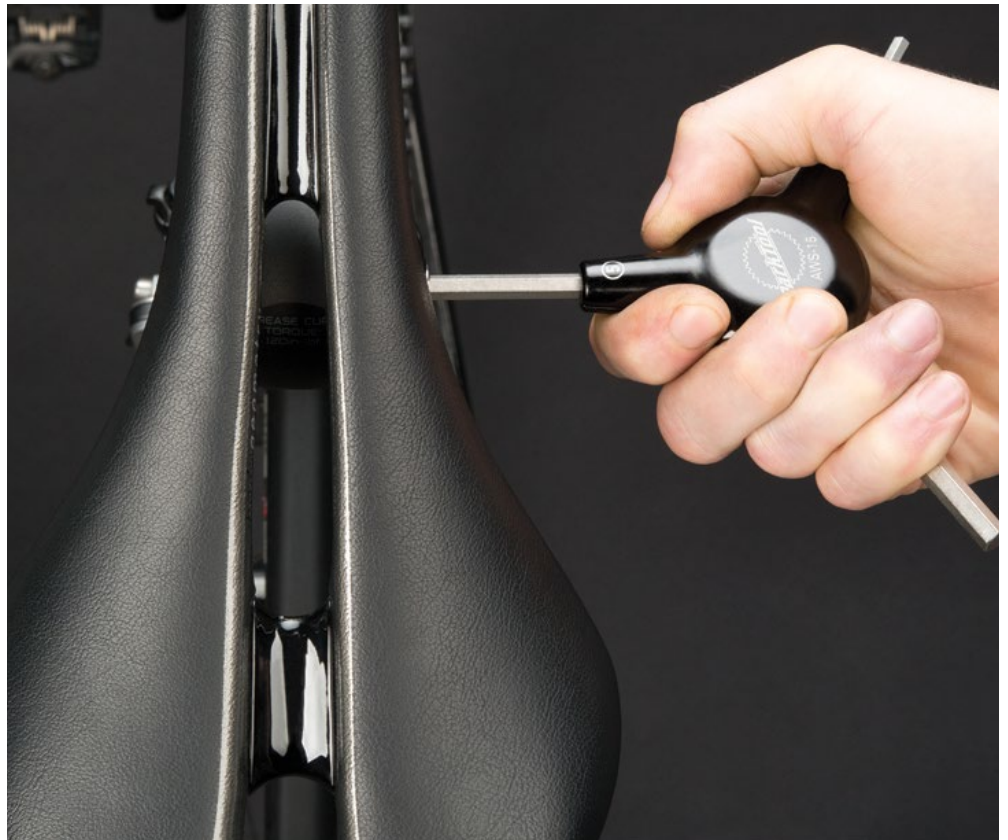
AWS-14: Mini (66mm/2.6 in)



NEW

AWS-15 Aluminum Body 3-Way Hex Wrench

Featuring a forged, two-piece anodized, ergonomically designed aluminum body and replaceable hex wrenches. Hexes are made from industrial strength, heat treated Protanium® steel and plated for long life.



AWS 3-Way Hex Wrenches

Park Tool introduced the bicycle world to the 3-way hex wrench set over 30 years ago. Our Y-shaped wrenches fit perfectly in the palm of your hand and provide excellent leverage, making them a favorite of countless shop mechanics worldwide. A glass fiber reinforced polymer center and industrial strength, heat treated steel hexes help make this tool the best selling 3-way in the industry. Re-engineered in 2012 to be stronger and more comfortable in the hand!

- A** AWS-1: 4mm, 5mm, and 6mm hex wrenches
- B** AWS-3: 2mm, 2.5mm, and 3mm hex wrenches
- C** AWS-7: 4mm and 5mm hex wrenches; T25 Torx® compatible driver
- D** AWS-8: 4mm, 5mm, and 6mm hex wrenches with balldriver tips



A



C



B



D



PH-T1 P-Handled Torx® Compatible Driver Set

A complete set of star-shaped wrenches to fit Torx®-style fasteners, the PH-T wrenches feature our proprietary P-handles designed for comfort, control, and leverage. Made from high torque industrial steel and through hardened for long life.

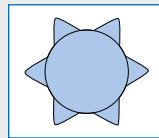
Individual sizes available separately:

- | | | | |
|-----------|-------------|-------------|-------------|
| PH-T6: T6 | PH-T10: T10 | PH-T20: T20 | PH-T30: T30 |
| PH-T8: T8 | PH-T15: T15 | PH-T25: T25 | PH-T40: T40 |



TWS-2 Torx® Compatible Driver Set

The TWS-2 includes the star-shaped wrench sizes currently being used on components such as disc brakes, pedals, and chain rings (T7, T9, T10, T15, T20, T25, T27, T30, and T40) in a convenient fold-up set.



Torx® Compatible driver shape



TWS-3 3-Way Torx® Compatible Wrench

The TWS-3 is a Torx® compatible 3-way wrench. T10, T25 and T30 wrench sizes in our classic three-way "Y" design. Useful for disc rotor bolts (T25), chainring bolts (T30), and hydraulic brake work (T10).



RR-12 Tape Measure

Small and handy, the RR-12 features a tough, composite housing and both Metric and English readings up to 12 feet (3.65 m).

DS-2 Tabletop Digital Scale

Commonly called a Gram Scale, this highly accurate tabletop scale is perfect for weighing small parts and components in grams or ounces.

- Accurate to within 2g/1000g, 2g/2000g, 3g/3000g
- Tare feature to exclude weight of container
- Switches easily between grams and ounces
- 3000 gram (106 oz) capacity
- Battery included



DS-1 Digital Scale

A versatile digital scale built to accurately weigh bikes, frames, and components. Uniquely designed to be clamped solidly into a repair stand or hung from a hook or branch. Measures in pounds to the ounce and kilograms to the hundredth. Includes a dual position, silicone coated hanging hook.



DC-1 Digital Caliper

Accurately measure seat posts, head tubes, bearings, spoke diameters, and just about anything else you can think of. The DC-1 is a precision made instrument built with stainless steel mechanisms and a rugged ABS composite body. The tool's ability to measure in inch fractions as well as metric and decimal standard makes it an indispensable shop tool.

- Large LCD display
- Display metric, decimal standard and fractional standard to 1/128"
- Measures external, internal, depth and stepped dimensions
- Resolution: +/- 0.01mm/0.0005"/1/128"
- Accuracy: +/- 0.02mm/0.001 (-100mm)
- Repeatability: +/- 0.01mm/0.0005"
- Protective case and battery included



TW-1 / TW-2 Torque Wrenches

To prevent over tightening and under tightening of bolts and nuts, specific torque specifications are provided by bicycle component manufacturers. Park Tool Beam-Type Torque Wrenches are easy to use, simple to re-calibrate, and accurately measure the amount of torque being applied to a bolt or nut.

A TW-1

- 1/4" drive with 3/8" adaptor
- 0–7 Newton Meter range (0–60 inch-pounds)

B TW-2

- 3/8" drive
- 0–70 Newton Meter range (0–600 inch-pounds)

TW-5 / TW-6 Ratcheting "Click-Type" Torque Wrenches

High quality, ratcheting torque wrenches to quickly and accurately measure and apply the proper amount of torque to components and accessories. The TW-5 and TW-6 feature a dial-adjust "click" system to preset the desired torque setting.

Note: The TW-5 is a precision measuring instrument designed to be used to measure lower torque settings. At no time should the TW-5 be used for torque applications higher than 15 Newton Meters (132 inch-pounds) or used as a substitute for a ratcheting wrench.

C TW-5

- Ratcheting 1/4" drive fitting with 3/8" adaptor
- 3–15 Newton Meter (26–132 inch-pounds) range
- 19.5cm (7-1/2") length
- Protective case included
- Ratchets and measures torque in both left and right directions

D TW-6

- Ratcheting 3/8" drive fitting
- 12–60 Newton Meter (115–530 inch-pounds) range
- 38cm (15") length
- Protective case included
- Ratchets and measures torque in both left and right directions

SBS-1 Socket & Bit Set

The SBS-1 is a complete, shop quality set of the most common 3/8" drive chrome vanadium sockets, hex bits, and Torx® style bits. The set includes a convenient holder and the following tools:

- Sockets: 8, 9, 10, 11, 12, 13, 14, 15mm and 1" (fits various Park Tool freewheel, lockring and bottom bracket tools)
- Hex bits: 3, 4, 5, 6, 8 and 10mm
- Torx® style bits: T25, T30 and T40



A HMR-4 Shop Hammer

The HMR-4 has a fiberglass shaft, a soft touch rubber grip, and a two-sided head—steel on one side and a replaceable plastic head (part #293) on the other side.

B NP-6 Needle Nose Pliers

Forged, heat-treated Cro-Moly steel professional quality 6" pliers. The NP-6 features an invisible spring, soft touch dual density grips and five different crimping/grasping areas as well as cutting blade.

C SP-7 Side Cutter Pliers

Forged, heat-treated Cro-Moly steel, professional quality 7" diagonal/side cutting pliers featuring soft touch, dual density grips.

D UK-1 Utility Knife

The UK-1 is a combination of aluminum and stainless steel and uses readily available hardware store utility knife blades. It also features a secure, quick-change blade system that locks open and closed.

E SAW-1 Hacksaw

All aluminum die cast frame construction, blade tension adjuster and comfortable handle make this the perfect hacksaw for the shop. SAW-1 includes one blade and accepts any 12" (300mm) hacksaw blade.

See page 50 for CSB-1 Carbon Saw Blade

SD-SET Shop Screwdriver Set

Shop quality screwdrivers designed for comfort and durability. Featuring dual density grips and heat-treated, chrome vanadium tips and shafts.

Individual sizes available separately:

F SD-0: #0 Phillips

G SD-2: #2 Phillips

H SD-3: 3mm flat blade

I SD-6: 6mm flat blade

J MW-SET.2 Metric Wrench Set

World famous Park Tool quality wrapped up in a great set of metric combination wrenches. The MW-SET.2 includes 6mm to 17mm 12-point box/open end wrenches. Forged from chrome vanadium steel, chrome plated, meticulously polished, then center dipped in Park Tool blue vinyl for a positive grip. Strong, comfortable, and beautiful!

K MQ-1 Metric Quad Wrench

A handy, four-way socket wrench that provides great leverage for nut and bolt removal and installation. The MQ-1 features 15, 17 and 19mm forged sockets plus a 3/8" socket drive.





L ST-3 3-Way Socket Wrench

The three most common bolt and nut sizes are combined with the classic Park Tool 3-way "Y" body. 8mm, 9mm, and 10mm forged chrome vanadium steel sockets.

M UP-SET Utility Pick Set

NEW

A set of three unique, multi-purpose picks ideal for a wide variety of detail work.

- Aluminum handle with magnet
- Picks are replaceable, cold formed, heat treated and polished high carbon steel
- Set includes 1-straight, 1-hook and 1-90 degree pick

RP-SET Snap Ring Pliers Set

Designed and built with the specific needs of the bike mechanic in mind. The RP-SET features three forged pliers made for internal snap rings and one for external snap rings.

Also available individually:

N RP-1: 0.9mm straight internal

O RP-2: 1.3mm bent internal

P RP-3: 1.3mm bent external

Q RP-4: 1.7mm bent internal

R PAW-12 12-Inch Adjustable Wrench

Big, powerful, smooth and accurate. The PAW-12 is forged of chrome vanadium steel (CR-v), precision ground and machined then heat treated and nickel plated. Our adjustable wrench opens to 38mm and features a laser engraved measurement scale and a wide, comfortable handle dipped in world famous Park Tool Blue vinyl.

S MG-2 Nitrile Mechanics Gloves

Nitrile gloves keep hands free of grime and protected from potentially harmful chemicals and solvents. MG-2 gloves are heavy-duty and tough enough to resist snags. They provide superior fit and are easy to slip on and off. Sizes M, L, and XL.

Box of 100

TH-1/TH-2 Tap Handles

Made for the rigors of everyday shop use, these adjustable tap handles fit most common bicycle taps, including all Park Tool Frame and Pedal taps.

T TH-1

- Fits most metric taps from M1.6-M8
- Fits most standard taps from #0-5/16"

U TH-2

- Fits most metric taps from M4-M12
- Fits most standard taps from #8-9/16"

See page 36 for TAP-3 / TAP-6 with Pedal Tools and page 49 TAP-7 / 8 / 9 / 10 with Frame and Fork Tools

V SZR-1 Scissors

NEW

Shop quality scissors with sturdy, stainless steel blades and a dual density grip. Perfect for a wide range of mechanic's duties including cutting zip-ties, boxes, bar tape and handle grips.

SK-1 Home Mechanic Starter Kit

A great way to start a tool collection! The perfect combination of tools to help the novice home mechanic clean, adjust, maintain, and do some basic repairs on their bike. The SK-1 includes 15 genuine Park Tool products plus a custom Park Tool toolbox.



The SK-1 includes:

- AWS-10** Fold Up Hex Wrench Set
- CL-1** Synthetic Blend Chain Lube with PTFE
- CT-5** Mini ChainBrute Chain Tool
- DCW-1/2/3** Double-Ended Cone Wrenches
- FR-5** Freewheel Remover
- GSC-1** GearClean Brush
- HCW-16** Chain Whip/15mm Pedal Wrench
- HR-8** Hex Wrench
- SD-2/4** Screwdrivers
- SW-7** Triple Spoke Wrench
- TL-1.2** Tire Lever Set
- VP-1** Vulcanizing Patch Kit

AK-40 Advanced Mechanic Tool Kit

Designed specifically for the home mechanic who wants the best, the AK-40 Advanced Mechanic Tool Kit is a special collection of our finest tools, all housed in a tough tool box. The AK-40 includes 40 frequently used shop quality tools a mechanic should not be without—basically, everything needed to perform a wide variety of repair and maintenance tasks including brake adjustments, chain work, headset overhauls, bottom bracket replacement and countless other tasks for the majority of current model bikes.



See page 24 for a detailed tool list for all kits

EK-1 Professional Travel and Event Kit

A carefully chosen selection of some of our finest tools housed in the BX-2 Blue Box Tool Case. The EK-1 includes more than 35 shop level tools plus extra room for more tools and parts. Perfect for professional shop and team mechanics as well as the home mechanic who wants the ultimate portable tool kit.



BXB-2 Backpack Harness for BX-2 / EK-1

Specially designed to carry the Blue Box on your back. The BXB-2 is a well-built, secure and comfortable backpack system complete with padded shoulder straps, handy accessory pouches, plus waist and chest straps. The BXB-2 is fully adjustable and setup is quick and easy.

PK-66 Professional Tool Kit

Designed as a “do it all” kit for the home mechanic or as a solid starter kit for the professional shop mechanic, the PK-66 is a very special collection of our very finest shop tools. While it includes the tools needed to perform almost any basic repair or adjustment on the bike, the PK-66 also includes the specialty tools to perform many advanced repair tasks, such as installing and removing headset races, installing crown races, cutting fork steerer tubes, straightening derailleur hangers, tapping threaded frame braze-ons, and more.



BX-2 Blue Box Tool Case

No off the shelf suitcase here! We started with the best professional level travel tool case we could find then customized it to work specifically with bicycle tools. Each specially designed tool pallet is housed in a super tough, dent proof tool case designed and built for daily use.

- Dent proof molded composite shell
- Strong, smooth anodized aluminum frame
- Removable tool boards made with tough, durable 600D ballistic nylon sewn to an ABS inner panel
- Customizable lower level with moveable partitions
- Proprietary front hanging tool board
- Lockable with both key and combination locks
- 35 tool pockets and straps plus four universal tool modules to accommodate a wide variety of tools and tool shapes



WTK-1 Essential Tool Kit

Designed for the casual cyclist, the economical WTK-1 contains the tools needed for many basic adjustments and repairs at home or on the road. Includes: 3, 4, 5, 6mm hex wrenches; tire levers; patch kit; straight blade screwdriver, and a small adjustable wrench — all housed in a compact, ready-to-go tool wallet.





NEW

MK-246 Master Tool Kit

This is it! The tool set... to end all tool sets. Pretty much anything and everything we could think of is included in this collection. Designed for the professional, full service mechanic the MK-246 is a complete set of professional level tools, fixtures, lubricants, gauges, and accessories. The perfect way to start a repair business, open or expand a bike shop, or create the ultimate home workshop. Over 246 shop quality tools from the only company in the world capable of such a feat. Tool Envy. It's a beautiful thing!

NEW

BMK-232 Base Master Tool Kit

232 of our best shop tools. Includes everything in the MK-246 except major frame and fork cutting tools and accessories.

*** Excluded from BMK-232:**

- 690XL
- 754.5
- 790
- CRC-1
- FTS-1
- 690XXL
- 768
- BFS-1
- CRC-15
- HTR-1
- 750.2
- 769
- BTS-1
- DT-5

Park #	Tool	AK 40	EK 1	PK 66	BMK 232	MK 246	Park #	Tool	AK 40	EK 1	PK 66	BMK 232	MK 246	Park #	Tool	AK 40	EK 1	PK 66	BMK 232	MK 246	
690-XL	57.0mm Facing Cutter - For HTR-1						DT-3	Rotor Truing Gauge				X	X	SAW-1	Hacksaw					X	X
690-XXL	65.0mm Facing Cutter - For HTR-1					X	DT-5	Disc Brake Mount Facing Set					X	SBC-1	Spoke, Bearing and Cotter Gauge			X	X	X	
750.2	Centering Cone Adaptor - For HTR-1					X	DW-2	Deraileur Clutch Wrench				X	X	SBS-1	Socket and Bit Set					X	X
754.2	33.9mm (1-1/8") Reamer - For HTR-1					X	FAG-2	Frame Alignment Gauge				X	X	SCW-SET.3	Shop Cone Wrench Set: 13mm to 24mm, 26mm and 28mm					X	X
768	43.8mm Pilot - For HTR-1					X	FFG-2	Frame and Fork End Alignment Gauge Set				X	X	SCW-13 to 19	Shop Cone Wrenches: 13mm to 19mm	X	X	X			
769	Head Tube Reaming Extension - For HTR-1					X	FFS-2	Frame Fork and Tube Straightener				X	X	SD-SET	Shop Screwdriver Set of 4	X	X	X	X	X	X
790	55.9mm Pilot - For HTR-1					X	FR-1.2	Freewheel Remover: Shimano®, Sachs®, Sun Race®				X	X	SD-2	Shop Screwdriver: #2 Phillips						
1063	High Pressure Inflation Gauge	X					FR-2	Freewheel Remover: Sun Tour 2-Notch				X	X	SD-3	Shop Screwdriver: 3mm Flat Blade						
ASC-1	Anti-Seize Compound: 4 oz.				X	X	FR-3	Freewheel Remover: Sun Tour 4-Notch				X	X	SG-1	Shop Screw: 1" x 24 Thread					X	X
AV-5	Axle and Spindle Vise Inserts				X	X	FR-4	Freewheel Remover: Atom®, Regina®, splined Zeus®				X	X	SG-2	Saw Guide: 1-1/8" x 26 Thread					X	X
AWS-1	Three-Way Hex Wrench Set: 4, 5, 6mm	X	X	X	X	X	FR-5	Cassette Locking Tool: Shimano®, SRAM®, Sun Race®	X	X	X	X	X	SG-6	Threadless Saw Guide			X	X	X	X
AWS-3	Three-Way Hex Wrench Set: 2, 2.5, 3mm	X	X	X	X	X	FR-5G	Cassette Locking Tool with Guide Pin: Shimano®, SRAM®, Sun Race®				X	X	SG-7.2	Oversized Adjustable Saw Guide					X	X
AWS-7	Hex/Torx® Compatible Y-Wrench				X	X	FR-6	Freewheel Remover: BMX Freewheels with 1.37x24 TPI				X	X	SG-8	Threadless Saw Guide for Carbon Composite Forks					X	X
AWS-10	Fold-Up Hex Set: 1.5, 2, 2.5, 3, 4, 5, 6mm		X			X	FR-7	Freewheel Remover: Falcon				X	X	SP-7	Side Cutter Pliers			X	X	X	X
AWS-12	Fold-Up Hex Set: 2, 3, 4, 5, 6mm and 3/16", 7/32", 1/4"				X	X	FR-8	Freewheel Remover: BMX freewheels with 30x1mm threads				X	X	SPA-1	Hanger Cup Pin Spanner					X	X
AWS-15	Three-Way Hex Wrench Set				X	X	FRW-1	Freewheel Remover Wrench				X	X	SPA-2	Cluster Cone Pin Spanner					X	X
BBT-4	Bottom Bracket Tool - For 6-notch Campagnolo®				X	X	FTS-1	Fork Threading Set					X	SPA-6	Adjustable Pin Spanner					X	X
BBT-5/FR-11	Bottom Bracket/Cassette Locking Tool for Campagnolo® (12-tooth)		X	X	X	X	GP-2	Super Patch Kit			X			SR-11	Chain Whip 5- to 11-Speed Compatible	X	X	X	X	X	X
BBT-7	Locking Wrench - XTR® and Dura Ace®				X	X	GSC-1	GearClean Brush	X	X	X			SR-18	Chain Whip - For 1/8" Cogs					X	X
BBT-9	Bottom Bracket Tool - For 16-Notch External Bearing Cups	X	X	X	X	X	HBH-2	Handlebar Holder				X	X	ST-3	Three-Way Socket Wrench: 8, 9, 10mm					X	X
BBT-10	Adjusting Cap Tool - For 8-Spline Hollowtech II®				X	X	HCW-4	Box End 36mm and Bottom Bracket Pin Spanner			X	X	X	STL-2	Rolling Adjustable Shop Stool					X	X
BBT-18	Bottom Bracket Tool - For 8-notch Shimano® and Isis Drive®				X	X	HCW-5	Double-sided Bottom Bracket Locking Hook Spanner			X	X	X	SW-0	Precision Spoke Wrench: .127"	X	X	X	X	X	X
BBT-19.2	Bottom Bracket Tool - For 16-Notch External Bearing Cups				X	X	HCW-7	30mm and 32mm Head Wrench				X	X	SW-1	Precision Spoke Wrench: .130"		X	X	X	X	X
BBT-22	Bottom Bracket Tool - For 30-Tooth Splined Shimano® and Isis Drive®	X	X	X	X	X	HCW-9	36mm and 40mm Head Wrench				X	X	SW-2	Precision Spoke Wrench (Red): .136"	X	X	X	X	X	X
BBT-29	Bottom Bracket Tool - For Dura Ace® 11-speed and FSA® MegaEvo Bearing Cups				X	X	HCW-11	Bottom Bracket Tool for "Slotted" Cups and Cups with "Raised" 16mm Wrench Flats				X	X	SW-3	Precision Spoke Wrench (Blue): .156"					X	X
BBT-30.3	Bottom Bracket Bearing Tool Set				X	X	HCW-15	36mm and 32mm Headset Wrench		X	X			SW-5	DT Torx® Style Splined Nipple Spoke Wrench					X	X
BBT-49	Bottom Bracket Tool - 39mm				X	X	HCW-16	Chain Whip and 15mm Pedal Wrench						SW-12	Spoke Wrench for Mavic®					X	X
BBT-59	Bottom Bracket Tool - 41mm				X	X	HCW-17	Fixed-Gear Locking Tool				X	X	SW-13	Spoke Wrench - For Mavic®					X	X
BBT-69	Bottom Bracket Tool - 69mm				X	X	HCW-18	Bottom Bracket Wrench				X	X	SW-14	Spoke Wrench - For Shimano®					X	X
BBT-90.3	Press Fit Bottom Bracket Bearing Set				X	X	HHP-2	Bearing Cup Press			X	X	X	SW-14.5	Spoke Wrench - For Shimano®					X	X
BCB-4.2	Bike Cleaning Brush Set				X	X	HMR-4	Shop Hammer		X	X	X	X	SW-15	3-Way Internal Nipple Wrench					X	X
BFS-1	Bottom Bracket Facing Set					X	HR-8	Hex Wrench: 8mm						SW-16	Internal Nipple Spoke Wrench: 3.2mm Square Socket					X	X
BO-2	Bottle Opener	X	X	X	X	X	HR-12	Hex Wrench: 12mm				X	X	SW-16.3	Internal Nipple Spoke Wrench: 3/16" Hex Socket					X	X
BO-5	Wall Mount Bottle Opener				X	X	HR-14	Hex Wrench: 14mm				X	X	SW-17	Internal Nipple Spoke Wrench: 5.0mm Hex Socket					X	X
BSH-4	Bladed Spoke Holder				X	X	HR-15	Hex Wrench: 15mm				X	X	SW-18	Internal Nipple Spoke Wrench: 5.5mm Hex Socket					X	X
BT-2	Fourth Hand Brake Tool			X	X	X	HT-6	Hex Tool: 6mm				X	X	SW-19	Internal Nipple Spoke Wrench: 6.0mm Hex Socket					X	X
BTS-1	Bottom Bracket Tapping and Facing Set					X	HT-8	Hex Tool: 8mm	X	X	X	X	X	SW-20.2	Master Spoke Wrench: .127"					X	X
CBP-3	Campagnolo® Bearing Puller and Installation Set				X	X	HT-10	Hex Tool: 10mm		X	X	X	X	SW-22	Master Spoke Wrench: .136"					X	X
CBP-5	Campagnolo® Power-Torque™ Crank and Bearing Adaptor Set				X	X	HTR-1	Head Tube Reaming and Facing Set				X	X	SW-40	Four-Sided Spoke Wrench: .127"					X	X
CBW-1	Open End Wrench: 8/10mm			X	X	X	INF-1	Shop Inflator				X	X	SW-42	Four-Sided Spoke Wrench: .136"					X	X
CBW-4	Open End Wrench: 9/11mm			X	X	X	IR-1	Internal Cable Routing Kit				X	X	SZR-1	Scissors					X	X
CC-2	Chain Checker				X	X	ISC-4	Internal Seat Tube Clamp				X	X	TAP-3	Pedal Tap Set: 1/2" Right and Left					X	X
CC-3.2	Chain Wear Indicator	X	X	X			JH-1	Bench Top Small Parts Holder				X	X	TAP-6	Pedal Tap Set: 9/16" Right and Left					X	X
CCP-22	Crank Puller			X	X	X	MB-1	Magnetic Bowl				X	X	TAP-7	Frame Tap: 3mm x .5					X	X
CCP-44	Crank Puller			X	X	X	MLP-1.2	Master Link Pliers	X	X	X	X	X	TAP-8	Frame Tap: 5mm x .8					X	X
CCW-5	Crank Bolt Wrench: 14mm and 8mm		X	X	X	X	MQ-1	Metric Quad Wrench				X	X	TAP-9	Frame Tap: 6mm x 1					X	X
CDG-2	Chaining Diameter Gauge				X	X	MW-SET2	Metric Wrench Set of 12				X	X	TAP-10	Frame Tap: 10mm x 1					X	X
CL-1	Synthetic Blend Chain Lube: 4 oz.	X	X	X	X	X	MW-8	Metric Wrench: 8mm		X				TB-2	Tire Boot Set of 3	X		X			
CM-5.2	Cyclone Chain Scrubber	X					MW-9	Metric Wrench: 9mm		X				TH-1	Tap Handle					X	X
CN-10	Cable and Housing Cutter	X	X	X	X	X	MW-10	Metric Wrench: 10mm		X				TH-2	Tap Handle					X	X
CNW-2	Chaining Nut Wrench	X	X	X	X	X	MWF-1	Metric Flare Wrench: 8mm/9mm				X	X	TL-1.2	Tire Levers Set of 3	X					
CP-1	Chain Whip Pliers				X	X	NP-6	Needle Nose Pliers				X	X	TL-4.2	Tire Levers Set of 2					X	X
CRC-1	Crown Race Cutting Tool				X		ND-1	Nipple Driver				X	X	TL-5	Heavy Duty Steel Tire Levers Set of 2					X	X
CRC-15	Crown Race Cutter Adaptor				X		OBW-4	Offset Brake Wrench			X	X	X	TL-6	Steel Core Tire Lever Set of 2		X	X	X	X	X
CRP-2	Adjustable Crown Race Puller				X	X	OM-1	Benchtop Overhaul Mat				X	X	TM-1	Spoke Tension Meter				X	X	X
CRS-1	Crown Race Setting System			X	X	X	PAW-12	Adjustable Wrench: 12"			X	X	X	TNS-1	Threadless Nut Setter - For 1" and 1-1/8" Forks			X			
CRS-15	1.5" Crown Race Setting System				X	X	PH-1	P-Handled Hex Wrench Set of 8 with Holder			X	X	X	TNS-4	Deluxe Threadless Nut Setter - For 1" and 1-1/8" Forks					X	X
CSB-1	Carbon Cutting Saw Blade				X	X	PH-11	P-Handled Hex Wrench: 11mm				X	X	TNS-15	Threadless Nut Setter - For 1-1/4" and 1-1/2" Forks					X	X
CT-3.2	Screw Type Chain Tool	X		X	X	X	PH-12	P-Handled Hex Wrench: 12mm				X	X	TS-2.2	Professional Truing Stand					X	X
CT-4.3	Master Chain Tool with Peening Anvil		X		X	X	PH-T1	P-Handled Star-Shaped Wrench Set				X	X	TS-2Di	Dial Indicator Gauge Set					X	X
CT-5	Mini ChainBrute Chain Tool						PP-1.2	Hydraulic Brake Piston Press				X	X	TS-TA	Thru Axle Adaptors					X	X
CTP	Replacement Chain Tool Pin				5	5	PPL-1	PolyLube 1000 Grease: 4 oz. tube	X	X	X			TSB-2	Truing Stand Tilting Base - For TS-2					X	X
CWP-7	Compact Crank Puller	X	X				PPL-2	PolyLube 1000 Grease: 1 lb. tub				X	X	TW-5	Small Clicker Torque Wrench					X	X
DAG-2	Deraileur Hanger Alignment Gauge			X	X	X	PTS-1	Tire Seating Tool				X	X	TW-6	Big Clicker Torque Wrench					X	X
DC-1	Digital Caliper				X	X	PW-3	Pedal Wrench	X					TWB-15	15mm Pedal Wrench Crow Foot					X	X
DCW-1	Cone Wrench: 13/14mm						PW-4	Professional Pedal Wrench		X	X	X	X	TWS-2	Fold-Up Wrench Set: T7, T9, T10, T15, T20, T25, T27, T30, T40		X	X	X	X	X
DCW-2	Cone Wrench: 15/16mm						RP-SET	Ring Pliers Set: .9mm straight internal, 1.3mm bent internal, 1.3mm bent external, 1.7mm bent internal				X	X	TWS-3	Torx® Compatible Three-Way Wrench: T10, T25, T30	X				X	X
DCW-3	Cone Wrench: 17/18mm						RR-12	Tape Measure	X	X		X	X	UK-1	Utility Knife		X			X	X
DH-1	Dummy Hub				X	X	RT-1	Headset Cup Remover				X	X	UP-SET	Utility Pick Set					X	X
DP-1	Friction Fit Dummy Pedal				X	X	RT-2	Steering Race Remover				X	X	VC-1	Valve Core Tool					X	X
DP-2	Threaded Dummy Pedal				X	X	SA-3	Heavy Duty Shop Apron				X	X	VP-1	Vulcanizing Patch Kit	X					
DS-1	Digital Scale				X	X	SAC-2	SuperGrip Carbon and Alloy Assembly Compound				X	X	WAG-4	Wheel Alignment Gauge					X	X
DS-2	Tabletop Digital Scale				X	X															
DT-2	Rotor Truing Fork				X	X															

UPDATED

A CM-5.2 Cyclone Chain Scrubber

The CM-5.2 Cyclone Chain Scrubber uses an extra large solvent reservoir and a series of rotating brushes to get chains really clean. A magnet at the bottom of the Cyclone's solvent reservoir draws particles scrubbed from the chain, effectively keeping them from being redistributed on the chain during cleaning. Durable sponge material draws solvent from the chain as it exits the Cyclone, reducing drips and mess. To make it easy to control and use, we've even added a handle. Works with all multi-speed bikes and some single-speed models.

RBS-5 Replacement Brush Set for CM-5.2

Includes a complete set of three rotating brushes plus two wicking sponges.



B CB-2 Citrus ChainBrite

Biodegradable Citrus ChainBrite is specially formulated for use in the Cyclone Chain Scrubber. It quickly removes the toughest grease and grime buildup, yet won't harm alloy, plastic or rubber parts. Also works great as a general purpose parts cleaning fluid.

16 oz. (472mL) bottle



C GSC-1 GearClean Brush

Park Tool's GearClean Brush has a unique design. A large comfortable handle with a curved, toothed-end reaches dirt deep between the gears, and tough nylon bristles clean the derailleur and chain. Saves wear and tear on your chain and freewheel. Works great on brakes or other places where dirt collects. 11-speed compatible. Handy size to take along for quick cleaning anywhere. Made of sturdy nylon.

BCB-4.2 Bike Cleaning Brush Set

A clean bike is a happy bike! The BCB-4.2 is four-piece brush set designed specifically to clean bicycles. Ergonomically designed and featuring dual density, sure grip handles, the BCB-4.2 Bike Cleaning Brush Set includes:

- 1 GSC-1 Gear Clean brush
- 1 Frame cleaning sponge/bristle brush
- 1 Tapered detail brush
- 1 Soft bristle soaping brush



CG-2.2 Chain Gang Chain Cleaning System

A dirty drivetrain causes poor shifting and unnecessary wear to expensive parts. The Chain Gang contains everything needed to quickly and easily clean the chain, freewheel cogs, and chainrings. The Chain Gang includes a CM-5.2 Cyclone Chain Scrubber, a GSC-1 GearClean Brush, and an 8 oz. bottle of CB-2 Citrus ChainBrite. The CG-2.2 works on all derailleur bikes and many 3-speed and coaster brake bikes.



NEW



DH-1 Dummy Hub

Also called a sleeping hub the DH-1 slides into rear dropouts and replaces the rear wheel for chain cleaning and transport. The DH-1 works with all derailleur and 1/8" chain. The unique design allows the bike to be shifted and works with open drop-out and thru-axle frames up to 12mm.

CL-1 Synthetic Blend Chain Lube with PTFE

A chain lube from Park Tool, the leader in bicycle maintenance products. Using PTFE and a proprietary blend of oils, Park Tool Chain Lube works great in wet or dry conditions. It penetrates, reduces friction, prolongs component life, displaces moisture, and protects parts from rust and corrosion. Also works great on cables, spoke nipples, and derailleur and brake pivots. 4 oz. (118 mL) bottle.



PPL-1 / PPL-2 PolyLube 1000 Lubricant

Park Tool's poly-urea lubricant was developed specifically for bicycle maintenance and repair. PolyLube 1000 has an extremely high shear strength to protect vital parts under extreme conditions. PolyLube 1000 also repels moisture and is compatible with conventional greases. Available in a handy 4 oz. tube (PPL-1) and a 16 oz. tub (PPL-2).



CF-2 Cutting Fluid

The use of cutting oil or cutting fluid is extremely important when performing any cutting, tapping, facing, or reaming operation. Park Tool Cutting Fluid is a high quality, environmentally safe cutting fluid that extends tool life and makes any frame prep job easier and safer. Park Tool Cutting Fluid can effectively be used on all metals.

8 oz. (237 mL) bottle

ASC-1 Anti-Seize Compound

Park Tool Anti-Seize Compound reduces friction in threaded and press fit connections for easy assembly and disassembly. Ideal for bottom bracket and pedal threads, pressed headset cups, seat posts, quill stems, etc. ASC-1 also seals and protects parts from corrosion and rust under the most extreme conditions. For use on steel, aluminum, and titanium.

4 oz. (113 g) tube

SAC-2 SuperGrip™ Carbon and Alloy Assembly Compound

Helps create a tighter grip between two slippery surfaces. Ideal for carbon, aluminum and steel seatposts, handlebars and stems.

Note: Not for threaded surfaces.

4 oz. (113 g) tube



A TS-8 Home Mechanic Wheel Truing Stand

Designed especially for the home mechanic, the TS-8 allows accurate wheel truing at an economical price. Accepts wheels from 16" to 29", with or without the tire mounted. Innovative sliding dropout allows quick wheel installation, no matter what the hub width (up to 170mm). Dishing (centering) is performed by simply flipping the wheel in the stand. Constructed from heavy gauge steel to resist flexing, the TS-8 can be used freestanding or bolted to a bench for extra stability.

B TS-2.2 Professional Wheel Truing Stand

The world's best-known wheel truing stand and the standard of the industry is now, more than ever, the stand to choose for shop use. The TS-2.2 is smoother, more accurate, more versatile and easier to use than any other stand, anywhere. The TS-2.2 combines time-tested functions from the TS-2 with new technology and features sure to make your job easier.

- Both axle holding uprights move simultaneously to accommodate front and rear wheels with the turn of a knob
- Nickel chrome plated, heavy gauge steel. Built to last for decades
- Easily adjusts to maintain accuracy
- Spring loaded calipers and caliper arm to prevent binding
- Can be bench mounted or installed in a bench vise
- Easily adjusts to accommodate multiple wheel sizes and widths up to 175mm
- Smooth, accurate operation
- Longer uprights to accommodate wheels up to 29" with or without a tire
- Stronger, stiffer uprights to reduce flex and improve accuracy and repeatability
- Stronger, more ergonomic knobs
- Removable, replaceable nylon caliper tips to protect painted rims
- Taller, more accurate calipers to accommodate tire widths up to 4"



NEW

TS-2.2P Professional Wheel Truing Stand

All the same features of our world famous, chrome plated TS-2.2 truing stand in a more economical, powder-coated version.



C TS-2Di Dial Indicator Gauge Set

Measures wheels lateral and radial run-out at the same time. The TS-2Di easily mounts to any TS-2 or TS-2.2 and provides measurable accuracy for your truing stand and for your customers. Each dial's measurement reads to .01mm and enables the user to set and follow tolerances for each wheel. Each set comes complete with brackets, dials and specially designed tips.



TS-2 AND TS-2.2 ACCESSORIES



D TS-TA Thru Axle Adaptor

The TS-TA makes it possible to adapt all Park Tool Truing Stands to work with 12mm, 15mm, 20mm and 25mm thru axle wheels, as well as Cannondale® Lefty™ wheels.



E TS-2TA Thru Axle Adaptors

These simple dome shaped adaptors clamp into the “V” shaped axle holders on either the TS-2 or TS-2.2, allowing the stand to be used with wheels using 15mm and 20mm thru axle hubs.



F TS-2EXT.2 Upright Extensions and Thru Axle Adaptors for TS-2

Truing Stand Upright Extensions install in seconds on any TS-2 Truing Stand, allowing the stand to be used on wheels with hubs up to 200mm wide (tandem, fat and downhill bikes), as well as on wheels with a 29” mountain bike tire installed. In addition, specially sized bosses on the TS-2EXT.2 serve as adaptors so the TS-2 Truing Stand can be used with wheels using 12mm, 15mm, 20mm or 25mm thru-axle hubs with removable axles.

Note: TS-2.2 does not require this adaptor to accommodate 29” wheels but does require it to fit hub widths from 180mm to 200mm.



G TSB-2 Truing Stand Tilting Base

Fits any TS-2 or TS-2.2 and tilts 20° forward or back for comfortable wheel work at any bench height. The TSB-2 has a wide, sturdy base and features small parts bins and spoke wrench holders.

238K Caliper Upgrade Kit

Upgrade your TS-2 to accept larger wheels and wider tires. Set includes a set of left and right calipers along with removable/replaceable composite tips.

1554-1 Centering Gauge for TS-2, TS-2.2 and TS-3



A WAG-4 Wheel Alignment Gauge

For a wheel to perform properly, it is important for the rim to be centered between the locknuts of the hub, or “dished.” To check this, and to make precision adjustments, a wheel alignment gauge (also called a “dishing tool”) is a must. The WAG-4 allows easy checking of the dish on road, mountain, or BMX wheels from 16” to 29”. It works with any hub width and its innovative design even allows it to be accurately used with the tire still on the wheel. An accurate and truly versatile wheel alignment gauge that belongs along side every truing stand.

B WAG-5 Portable Wheel Dishing Gauge

Accurately gauges dish (centering) of 26” to 29” wheels. Disassembles quickly for storage or travel and works with all hub types.

C SBC-1 Spoke, Bearing, & Cotter Gauge

This handy measuring tool measures spokes in both metric and fractionally. It also measures cotter pins and ball bearings. Embossed, anodized aluminum construction.

D BSH-4 Bladed Spoke Holder

The BSH-4 is a valuable wheel building and truing aid that securely holds bladed spokes in place to prevent twisting. Four different sized slots to fit a wide variety of bladed spokes.

E TM-1 Spoke Tension Meter

The TM-1 Tension Meter accurately and reliably measures the absolute tension of each of the spokes in a wheel, as well as the relative tension between all the spokes in a wheel. Easy to use and priced affordably, the TM-1 works on nearly any bicycle spoke - no matter what the diameter, material, or shape. The TM-1 is for anyone building or truing wheels, diagnosing wheel problems, or assembling new bikes. It’s a tool that belongs on every workbench.

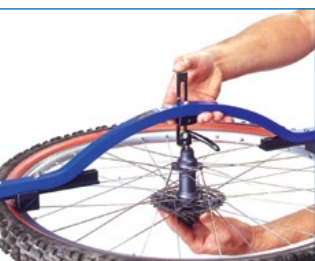
Note: The TM-1 Tension Meter includes a printed table to convert tension reading to kilograms force. Because of new and varied steel bladed aerodynamic spokes, there is a web page that acts as a chart calculator for steel bladed spokes not on the table.

Useful TM-1 On-line Aids:

- The **Wheel Tension Balance Web App** (www.parktool.com/wtb) converts readings from the TM-1 into kilograms force values (kfg) and then produces a visual diagram of the relative spoke tension in the wheel.
- The **Steel Bladed Spoke Calculator** (www.parktool.com/tm-1-tension-calculator) converts TM-1 readings to kfg specifically for a wide variety of newer bladed steel spokes.

F ND-1 Nipple Driver

A great time saver! Neatly designed to self-center and drive conventional nipples quickly and easily during wheel building. Built with a comfortable, dual density grip and lined with precision bronze bearings to ensure a long, smooth running life. The ND-1 works with rims up to 50mm deep.



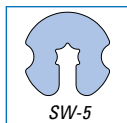
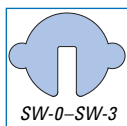


SW-0 / 1 / 2 / 3 / 5 Spoke Wrenches

Professional quality, precision-sized spoke wrenches are hardened and nickel plated for long service. Park Tool Spoke Wrenches are vinyl coated in one of five colors indicating the size at a glance.

- A SW-0:** (Black) 80 ga./ .127" nipple/3.23mm
- B SW-1:** (Green) 80 ga./ .130" nipple/3.30mm
- C SW-2:** (Red) 80 ga./ .136" nipple/3.45mm
- D SW-3:** (Blue) 105 ga./ .156" nipple/3.96mm
- E SW-5:** (Grey) DT Torx® Style Splined Nipple

BEWARE OF POOR FITTING IMITATIONS!



NEW

F SW-7.2 Triple Spoke Wrench

Updated to fit better in the hand with a more rounded, smoother shape. The precision sized SW-7.2 fits the three most popular spoke nipple sizes on the market. Nickel plated for years of service. Designed for the home mechanic.

Fits the following size spoke nipples:

.127" (3.23mm) .130" (3.30mm) .136" (3.45mm)

SW-12 / 13 / 14 / 14.5 Double-Ended Spoke Wrench

Forged, double ended spoke wrenches are precision machined, plated and vinyl dipped for comfort and long life.

G SW-12: Fits select Mavic® wheels. Smaller end fits 7-spline nipples with a 6.4mm outside diameter. Larger end fits 6-spline 9mm diameter FORE drilled rim adaptors.

H SW-13: Fits select Mavic® wheels. Smaller end fits 6-spline nipples with a 5.5mm outside diameter. Larger end fits 6-spline 9mm diameter FORE drilled rim adaptors.

I SW-14: Fits Shimano® 4.3mm and 4.4mm spoke nipples

J SW-14.5: Fits Shimano® 4.3mm and 3.75mm spoke nipples

SW-16 / 16.3 / 17 / 18 / 19 Internal Nipple Spoke Wrenches

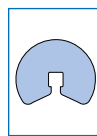
Extra long (3.25" / 8.5cm) spoke wrench sockets to fit internal spoke nipples found on many deep section aero rims. Featuring our dual density, ergonomically designed screwdriver handle and available in five sizes:

- K SW-16:** 3.2mm square socket
- L SW-16.3:** 3/16" hex socket
- M SW-17:** 5.0mm hex socket
- N SW-18:** 5.5mm hex socket
- O SW-19:** 6.0mm hex socket

SW-20 / 22 / 20.2 / 22.2 Master Spoke Wrenches

This spoke wrench is an investment cast workhorse poured from the best steel, precisely machined, heat treated for hardness then polished and plated. The result is a smooth, solid steel spoke wrench designed and built to fit perfectly in your hand and provide years of every day service. A classic, and maybe your new favorite tool!

P SW-20: four sided for .127" (3.23mm) nipples (54g)



Q SW-22: four sided for .136" (3.45mm) nipples (54g)

R SW-20.2: three sided for .127" (3.23mm) nipples (39g)



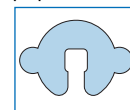
S SW-22.2: three sided for .136" (3.45mm) nipples (39g)

SW-40 / SW-42 Four-Sided Spoke Wrench

Unique four-sided design provides extra strength and support and helps prevent slipping and deformation of aluminum nipples.

T SW-40: (Black) 80 ga./ .127" nipple/3.23mm

U SW-42: (Red) 80 ga./ .136" nipple/3.45mm



V SW-15 3-Way Internal Nipple Wrench

Our innovative 3-way "Y" wrench featuring three different sized wrenches to fit internal spoke nipples. Featuring a square drive, plus 5mm and 5.5mm hexes that slip perfectly into the tight surroundings of most rims. The SW-15 works on wheels made by numerous manufacturers including, but not limited to: FSA®, Blackwell®, Planet-X®, HED®, Rolf®, Bontrager®, Campagnolo® and Mavic®. Note: Wheel manufacturer's specifications change without notice.



PTS-1 Tire Seater

This tool is designed to quickly and easily “seat” stubborn tires. Adjustable to fit various tire widths, chrome plated and vinyl dipped for comfort.



VC-1 Valve Core Tool

A small, handy tool designed to remove and install Schrader and Presta valve cores and to remove and install Presta valve extenders with 5mm wrench flats.

Note: Not all Presta valve cores are removable.



NEW

TL-1.2 Tire Lever Set

Updated to be stronger, smoother and more versatile, the TL-1.2 features a new material and redesigned tip for easier entry into just about any tire, including tubeless. The unique design lifts the tire away from the rim and features a spoke hook to use when multiple levers are needed. Sold in sets of three.

TL-1.2C: Packaged carded

TL-1.2: Display box (25 qty)

See page 62 for TL-1.2 Display Box (25 qty)



NEW

TL-4.2 Tire Lever Set

Updated with a new material and new design. The TL-4.2 features a wide flat tip for easy entry and fast tire removal, ergonomic shape and a handy spoke hook when multiple levers are needed. Perfect for tight beads and tubeless tires. Sold in sets of two.

TL-4.2C: Packaged carded

TL-4.2: Display box (25 qty)

See page 62 for TL-4.2 Display Box (25 qty)



TL-5 Heavy Duty Steel Tire Lever Set

The TL-5 Heavy Duty Tire Lever Set is designed for use on the toughest tire and rim combinations. Made of forged steel, these beefy levers are a full 8” (20.3 cm) long for superior leverage. Specially designed tip engages tire bead so it can be removed with just two levers. Ideal for difficult to remove downhill and freestyle tires. Set of two.



TL-6 Steel Core Tire Levers

The TL-6 is a composite covered, steel core lever that provides smooth, scratch-free operation and superior strength to help remove even the tightest tires. Slightly longer (5.5” / 14cm) than our other take-along levers. The TL-6 is perfect for use as a take-along or as an everyday bench lever. Set of two.



TB-2 Emergency Tire Boot

The fastest, easiest, and most secure way to repair a cut or worn tire sidewall. The TB-2 is produced using a strong, waterproof vinyl membrane with fiber weave reinforcement to keep the inner tube in place. A super strong pressure sensitive adhesive assures the 76mm x 44mm boot stays in place in any tire, road or mountain, high or low pressure. A true ride saver.



GP-2 Pre-Glued Super Patch Kit

One of our most successful products ever! We worked with 3M® to produce a self-adhesive tube patch that stretches, flexes, twists, and turns right along with the tube. No messy glue, no bulky packaging. Lightly roughen tube with the included sandpaper, clean, apply patch, and you're ready to go. Six patches with sandpaper in a neat little carry along box. Available individually carded or in a handy 48 kit countertop display.

GP-2C: Packaged carded
 GP-2: Display box (48 qty)

See page 62 for GP-2 Display Box (48 qty)



VP-1 Vulcanizing Patch Kit

The VP-1 Patch Kit includes six thin and flexible patches with tapered edges to blend with the tube's profile. Each kit is packaged in a small plastic box with sandpaper for cleaning the tube and instructions.

- Four round patches, 25 mm in diameter, for smaller holes
- Two oval patches, 25 mm x 35 mm, for wider cuts
- Self-vulcanizing fluid bonds the patch to the tube at the molecular level

VP-1C: Packaged carded
 VP-1: Display box (36 qty)

See page 62 for VP-1 Display Box (36 qty)



TR-1 Tire & Tube Repair Kit

Our popular GP-2 Super Patch Kit and TL-1.2 Tire Levers packaged together as a kit.



PMP-3 Pocket Protector Micro Pump

This super small micro pump fits in just about any bag or jersey pocket, or mounts directly to the frame. Ideal to take along when space and weight are an issue. Aluminum barrel with a locking dual head and soft-touch dual-density flip out handle.

- Presta and Schrader valve compatible
- Max. pressure: 100 psi/7 bars



PMP-4 Half-Pint Mini Pump

Just small enough to carry or clip on to the bike and just big enough to pump efficiently the PMP-4 dual head mini pump is built like all our tools—solid! All aluminum barrel construction ensures long life and smooth operation. Soft touch grips and a flip-out handle make it easy on the hands.

- Presta and Schrader valve compatible
- Includes mounting hardware to securely attach to water bottle bosses.
- Max. pressure: 90 psi/6 bars
- 10.5 inches in length (265mm)
- Approximately 4.6 ounces (130 grams)



PFP-7 Professional Mechanic Floor Pump

The PFP-7 is a heavy duty floor pump, packed with features and built for years of dependable service.

- Exclusive, easy-lock pump head clamps quickly and securely then releases with one finger
- Fits Presta, Schrader, and Dunlop valves
- Giant, integrated, easy-to-read pressure gauge
- Large steel base with folding foot pads that lock down into position during use and lock up for easy storage and transport
- Oversized handle with “soft touch” rubber grips and an alloy core
- Extra long high pressure hose



PFP-8 Home Mechanic Floor Pump

Economical, durable and versatile, the PFP-8 is equally at home in the garage, workshop or at the trailhead.

- Composite head with thumb lock fits Presta, Schrader, and Dunlop valves without switching internal parts
- Smooth operating steel barrel
- Super stable steel base with extra large foot pads and giant, easy-to-read gauge
- Comfortable, composite handle



Expands from 17" (43cm)=47cm frame to 22" (56cm)=62cm frame

PMP-5 Dial Adjust Frame Pump

One size does fit all. A full-length frame pump that securely locks into nearly any frame. The PMP-5 quickly adjusts (no tools needed) to fit small to large size frames so riders can use one pump for multiple bikes and retailers can stock just one frame pump. All aluminum barrel construction ensures long life and fluid operation. Features a dual density, soft touch flip-out handle for smooth, comfortable pumping. One pump, multiple bikes, fast and easy!

- Presta and Schrader valve compatible
- Max. pressure: 160 psi/11 bars
- Adjustable in length to fit frame opening of 45cm (17.75") to 55cm (21.625")

Patented



INF-1 Shop Inflator

Specially built for bicycles the INF-1 utilizes a dual Presta and Schrader head that rotates making valve access quick and easy. The INF-1 features a built in pressure gauge (0–160 psi, 0–11 bars), and accepts any 1/4" npt male threaded fitting. Built for everyday shop use and rebuildable!





DCW Double-Ended Cone Wrenches

These cone wrenches are designed for the home mechanic or occasional user. They're made of thin steel and are nickel plated and heat treated for long use. Available in four popular sizes from 13mm to 18mm. Their small size makes them ideal to carry along for quick repairs.

- DCW-1:** 13mm & 14mm
- DCW-2:** 15mm & 16mm
- DCW-3:** 17mm & 18mm
- DCW-4:** 13mm & 15mm

HCW-17 Fixed-Gear Lockring Tool

Two different radius hooks to fit most fixed-gear lockrings and some BMX freewheel lockrings.



SCW-SET.3 Shop Cone Wrench Set

The standard of the industry, Park Tool Shop Cone Wrenches are unmatched in quality and performance. The special "Y" head design puts more material where it's needed for strength and durability. Precision sizing and a military grade industrial phosphate finish ensure an accurate fit and consistent quality. Thin enough to use on the narrowest of adjusting cones, the SCW Shop Cone Wrenches have a long, vinyl dipped handle for leverage and comfortable use.

Individual sizes available separately:

- SCW-13:** 13mm
- SCW-14:** 14mm
- SCW-15:** 15mm
- SCW-16:** 16mm
- SCW-17:** 17mm
- SCW-18:** 18mm
- SCW-19:** 19mm
- SCW-20:** 20mm
- SCW-21:** 21mm
- SCW-22:** 22mm
- SCW-23:** 23mm
- SCW-24:** 24mm
- SCW-26:** 26mm
- SCW-28:** 28mm

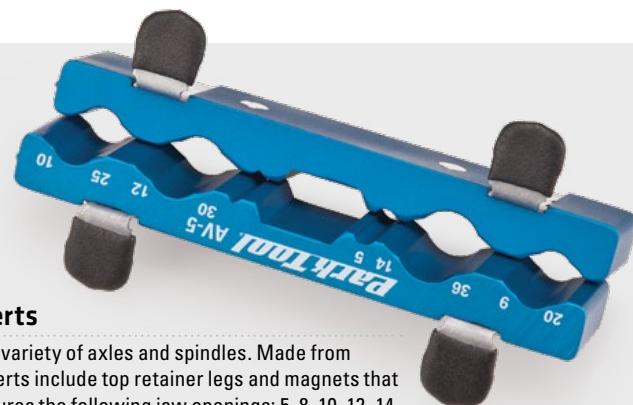


AV-1 Axle Vise

This tool holds the axle so it will not turn while work is done on the hub. It has two different diameter receptacles so it will work on front and rear axles. It is simple to use—just insert the axle into the proper diameter opening and tighten the bench vise. The jaws will open automatically when the vise is opened.

AV-5 Axle and Spindle Vise Inserts

A great shop accessory made to hold a wide variety of axles and spindles. Made from precision extruded aluminum, these vise inserts include top retainer legs and magnets that make for easy bench vise use. The AV-5 features the following jaw openings: 5, 8, 10, 12, 14, 20, 25, 30, and 36mm, plus a mini V-block and a 1" hex for Park Tool Freewheel Removers.





A DP-1 Friction Fit Dummy Pedal

A quick and easy way to make derailleur adjustments during assembly or repair without installing a pedal.

B DP-2 Threaded Dummy Pedal

Similar to the DP-1 but threaded for positive drive side engagement.

C TAP-3 / TAP-6 Pedal Taps

Clean out or restore damaged threads in crank arms with these pedal taps. These taps can be used with either steel or alloy crank arms and are available in two popular sizes: 1/2" and 9/16" in both right and left-hand threads. Made of high carbon steel, precision ground, and hardened to stay sharp, they cut easily and fit all conventional tap handles.



TAP-3: Set of 2, 1/2" x20 Left and Right

TAP-6: Set of 2, 9/16" x20 Left and Right

See page 20 for TH-1 / TH-2 Tap Handles

D PW-3 Pedal Wrench

Made from Cro-Moly steel for a shop quality pedal wrench made to last. 15mm and 9/16" precision openings and a long, round, vinyl dipped handle that won't dig into your hand like flat pedal wrenches.

E PW-4 Professional Pedal Wrench

The PW-4 Professional Pedal Wrench is designed for heavy shop use. An oversized, asymmetrical head is made from Cro-Moly steel for superior strength and durability. While strong, the PW-4 is thin enough to access all wrench flats.

- Two 15mm wrench openings at 30 degree and 45 degree angles for best mechanical advantage, regardless of pedal position
- Round vinyl dipped handle won't dig into the hand like flat wrenches
- Extra long 14" handle provides the leverage to remove even the tightest pedals

F PW-5 Home Mechanic Pedal Wrench

Designed for the do-it-yourself mechanic or rider, the PW-5 is perfect to take along or for the home workshop. Although economically priced, this 15mm pedal wrench, like all Park Tool products, is built to last. Made from heat-treated spring steel and vinyl dipped for comfort, the PW-5 is 11-1/2" (29 cm) long.



TWB-15 15mm Pedal Wrench Crow Foot

The TWB-15 is used with any 3/8" drive torque wrench to verify pedals are torqued to the correct spec. Laser cut, heat treated and plated for long life.



NEW



NEW

DT-5 Disc Brake Mount Facing Set

Engineered and built to accurately face front or rear disc brake mounts to be precisely aligned to rotor.

- Works on both post mounts and IS brake mounts
- Low clearance to access chainstay post mounts
- Works on 100mm width open dropout forks, 100mm width 15mm thru axle forks, and 20mm thru axle forks
- Includes axles and skewers for 100/135mm open dropout spacing
- Includes adaptors for thru axle frames in 135, 142, 150, 157mm widths
- Includes two different cutters. One for IS mounts, one for post mounts

NEW



IR-1 Internal Cable Routing Kit

Take the guesswork out of installing cables, wires and housing inside the frame. The IR-1 speeds the internal frame routing of electric wires, shift cable/housing, brake cable/housing and hydraulic tubing on carbon fiber, ti, and aluminum frames. Kit includes three plastic coated 250cm cables with attached magnets and unique fittings plus an external guide magnet to speed operation. Opposite polarity magnets on cables seek and attach inside frame tubes, making it easy to route through frame entrances and exits. Works with any size frame including tandems.

DT-3 Rotor Truing Gauge

Accurately gauge the straightness of disc brake rotors while the wheel is mounted in a TS-2.2 Professional Wheel Truing Stand. The DT-3 features an infinitely adjustable, finely threaded indicator gauge. Works with any diameter brake rotor.



DT-3i Dial Indicator for DT-3

Dial Indicator Set bolts directly to the DT-3 allowing for greater accuracy and a way to measure results.



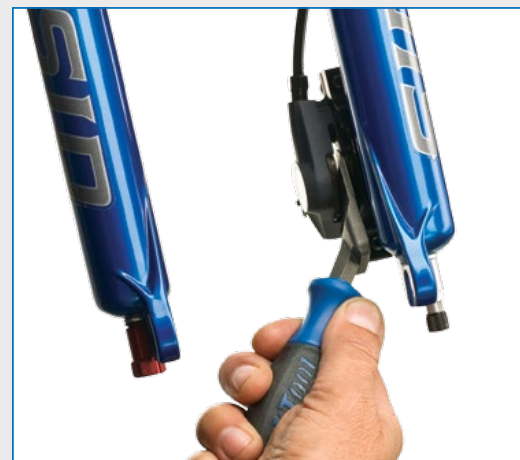
DT-2 Rotor Truing Fork

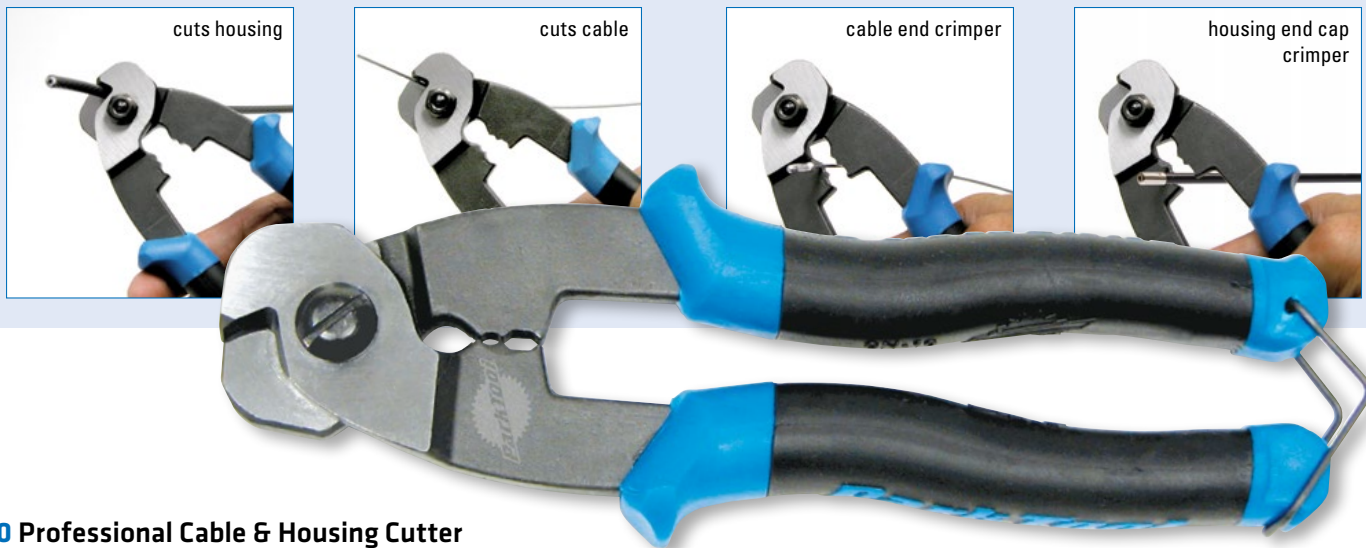
Specially designed, and precisely manufactured to gently adjust bent or damaged brake rotors. Each DT-2 features two different slot depths laser cut from high quality steel. Center handle is vinyl dipped for comfort.



PP-1.2 Hydraulic Brake Piston Press

The unique shape and size of the PP-1.2 is perfect for compressing the hydraulic piston by pushing the brake pads apart to speed service and pad replacement. Slide the polished, wedge-shaped tool between pads to expand the gap and pre-set the pistons into the caliper.





CN-10 Professional Cable & Housing Cutter

The CN-10 Cable and Housing Cutter is a shop quality cutter designed specifically for use on all bicycle cables and housing, including hard-to-cut index housing. The CN-10 has cold forged, heat treated steel handles for strength and precision ground cutting jaws for a clean cut on every cable. Dual density molded grips are specially contoured for superior comfort and control. The CN-10 has a built in crimper for cable end caps and a forming hole for reforming housing ends and housing ferrules. A wire latch holds the handles together when not in use.



OBW-4 Offset Brake Wrench

A thin offset wrench with 10, 11, 12 and 13mm openings made to fit and adjust many models of side pull and dual pivot brakes.



CBW-1 / CBW-4 Metric Wrenches

These small, nickel plated wrenches can be used on brakes, derailleurs, etc.

- CBW-1:** 8mm open and 10mm open
- CBW-4:** 9mm open and 11mm open



OBW-3 Offset Brake Wrench

A thin, dual purpose offset brake wrench featuring a 14mm opening and hooks that fit into tension springs to help center caliper brakes.



BT-2 Cable Stretcher

Commonly referred to as a "4th Hand," the Park Tool Cable Stretcher pulls cables tight. It features one-hand operation with a thumb lock to hold the cable tight while your hand is removed to tighten pull-up bolts and nuts. Made from heat treated steel, chrome plated, and featuring cushion grips for comfort. A must for any shop, home or professional.

MWF-1 Metric Flare Wrench

This 8mm and 10mm wrench is used to safely open and close the compression nut on hydraulic brake calipers and levers. The MWF-1 features angled heads for easy access and unique, semi-box openings to reduce the risk of damage to the compression nut and brake line.





A CBP-3 Campagnolo® Bearing Puller and Bearing Installation Set

Designed and built to install and remove the pressed bearing from Campagnolo® and Fulcrum® Ultra-Torque® cranks. The forged arms of the puller feature tapered edges that securely pinch under the bearing while the heavy duty plunger system “pulls” the bearing. The installation tool accurately “pulls” the bearing. The installation tool accurately fits both the crank spindle and the press fit bearing to ensure safe, accurate installation. Just tap the bearing into place using the tool and a hammer.



B CBP-5 Campagnolo® Power-Torque™ Crank and Bearing Adaptor Set

Used to remove and install Power-Torque™ crank arms and crank bearings. The CBP-5 includes:

- Crank and crank bearing removal adaptor used with the Park Tool CBP-1 (part of CBP-3 set) Bearing Puller
- Power-Torque™ bearing setter
- Removal pads for use with carbon crank arms
- Removal adaptor for use with aluminum crank arms
- Crank removal extension plug



C CCP-22 Crank Puller

A favorite of shop mechanics for over 30 years, the CCP-22 removes cranks using a square taper, Power Drive®, or Power Spline® bottom bracket interface. A long, comfortable, built-in handle and fine thread provide the leverage needed to remove even the tightest cranks. Designed with a rotating tip to ensure smooth operation and long life.

D CCP-44 Crank Puller

The CCP-44 is specifically designed to remove cranks using an Octalink® or ISIS® Drive bottom bracket interface. Uses a comfortable handle, fine thread, and a special rotating tip for superior leverage, smooth operation, and years of trouble-free service.

E CWP-7 Compact Crank Puller

Includes two rotating tips (11.3mm and 16.3mm) and built in wrench flats allowing the tool to remove cranks using a square taper, Octalink®, ISIS® Drive, Power Drive® or Power Spline® bottom bracket interface.



F CDG-2 Chaining Diameter Gauge

The CDG-2 easily and accurately measures bolt circle diameter (BCD) in millimeters for a wide variety of four and five bolt chaining patterns. Made of anodized aluminum and permanently laser engraved, the tool centers itself in chaining holes, chaining bolts or crank arm holes. The CDG-2 also includes a center to center distance scale and a handy reference chart listing additional mounting pattern measurements.

G CCW-5 Crank Bolt Wrench

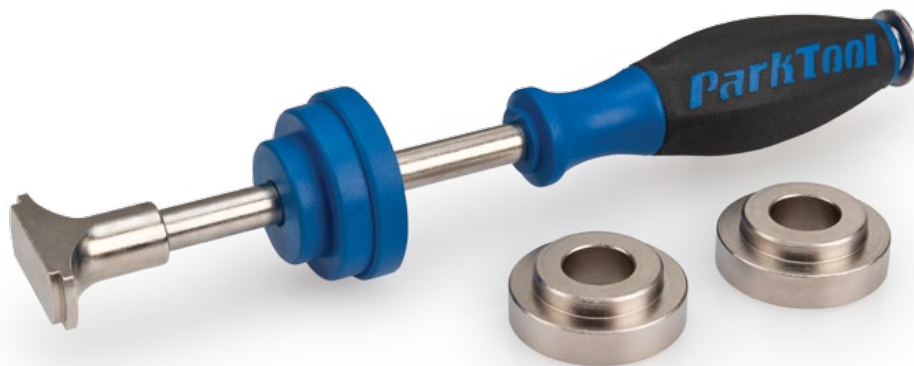
The CCW-5 features both 14mm socket and 8mm hex wrench on a long, comfortable handle.

H CNW-2 Chaining Nut Wrench

The CNW-2 securely holds the slotted nut to prevent spinning when tightening or loosening the bolt. Double-ended to fit most slotted-type nuts.

BBT-30.3 Bottom Bracket Bearing Tool Set

Designed and built to install and remove BB30 bearings. The BBT-30.3 features a bushing set used in conjunction with a head cup press to quickly and precisely press the BB30 and PF30 bearings into the bottom bracket shell. The included BB30 bearing remover works from inside the shell to easily push out bearings. Updated in 2012 to also remove PressFit 30 (PF30), EVO 386, and BBright™.



BBT-90.3 Press Fit Bottom Bracket Bearing Tool Set

The BBT-90.3 is designed to remove and install the bearings and press fit bearing units used in BB92, Shimano® press fit, SRAM® press fit GXP, Race Face® press fit and other press fit bottom bracket systems. Includes a bearing removal tool, which slides through and expands behind the bearing so it can be tapped out with a hammer. Also includes two bearing installation bushings, which are used in conjunction with an HHP-2 or HHP-3 Head Cup Press to press the bearings into the bottom bracket shell.



BBT-4 Bottom Bracket Tool

The BBT-4 is made for the installation and removal of 6-notch cartridge cups used on Campagnolo® Veloce®, Mirage®, Centaur®, Daytona® and Avanti® sealed cartridge bottom brackets. The handle is vinyl coated for comfort.



BBT-9 Bottom Bracket Tool

The BBT-9 is used to remove and install Shimano®, Race Face®, FSA®, Truvativ®, SRAM®, Campagnolo®, and similar bottom bracket cups with 16 external notches and an outside diameter of 44mm. Also removes and installs 8-point Shimano® Hollowtech® II crank arm adjusting caps.



BBT-29 Bottom Bracket Tool

The BBT-29 is designed to fit 16-notch bearing cups with an outside diameter of 39mm (Shimano® Dura-Ace 9000 series and XTR 980 series) as well as 16-notch bearing cups with an outside diameter of 48.5 mm (FSA® MegaEvo).





BBT-49 Bottom Bracket Tool – 39mm

Precision CNC machined aluminum tool for the installation and removal of external bearing bottom bracket cups. Anodized for easy identification and featuring a ratchet/torque wrench compatible 3/8" drive.

Fits: Shimano® XTR BB93, Dura-Ace® BB9000



BBT-59 Bottom Bracket Tool – 41mm

Precision CNC machined aluminum tool for the installation and removal of external bearing bottom bracket cups. Anodized for easy identification and featuring a ratchet/torque wrench compatible 3/8" drive.

Fits: Shimano® BBR60 (Ultegra® 11-speed)



BBT-69 Bottom Bracket Tool – 44mm

Precision CNC machined aluminum tool for the installation and removal of external bearing bottom bracket cups. Anodized for easy identification and featuring a ratchet/torque wrench compatible 3/8" drive.

Fits: Shimano® BB80, BB5700, XT BB70, BB51, and previous external bearing threaded cups. External Threaded types for Campagnolo®, Chris King®, FSA® MegaExo, Hope®, SRAM®/Truvativ® GXP, Race Face® X-type, Surly®, Wheels, and others

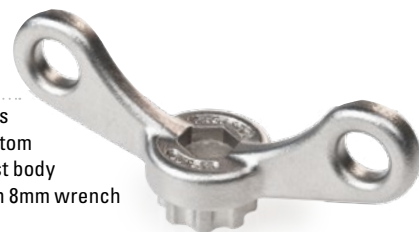
BBT-5 / FR-11 Bottom Bracket / Cassette Tool for Campagnolo®

Removes and installs all Campagnolo® cassette lockrings (inc. 11-speed) and 12-splined Campagnolo® bottom bracket cups.



BBT-10 Adjusting Cap Tool

Removes and installs the adjusting caps on Shimano® Hollowtech® II crank/bottom bracket systems. Steel, investment cast body provides good leverage and includes an 8mm wrench option for removing seized caps.



BBT-18 Bottom Bracket Tool

The BBT-18 is a heavy duty, investment cast tool for installing and removing all Shimano®, SRAM®, and ISIS® Drive eight-notch bottom bracket cups. 36mm wrench flats.



BBT-19.2 Bottom Bracket Tool

Made from high precision, hardened Cro-Moly steel the BBT-19.2 can be turned with a 3/8" drive wrench, 1" wrench or Park Tool FRW-1 Freewheel Remover Wrench.



UPDATED

BBT-22 Bottom Bracket Tool

A shop quality tool for installing and removing Shimano® and ISIS® Drive 20-splined bottom bracket cups. The investment cast steel body utilizes a flat tooth profile to ensure maximum engagement with bottom bracket cups. Can be turned with a 3/8" drive torque wrench, 3/8" ratchet driver, 32mm wrench, 1" wrench, or FRW-1 Freewheel Remover Wrench.



BBT-32 Bottom Bracket Tool

Economical and compact, this version of the BBT-22 tool is perfect for the home mechanic. The BBT-32 installs and removes Shimano® and ISIS® Drive 20-tooth splined bottom bracket cups and features 32mm wrench flats.



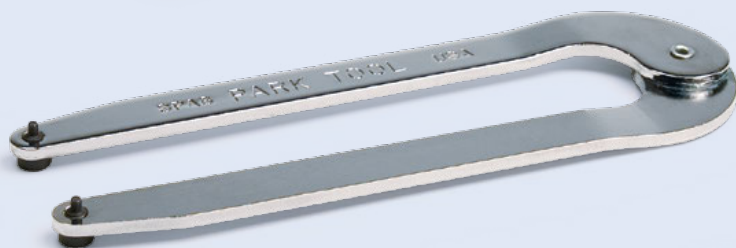


SPA-1/ SPA-2 Pin Spanners

Versatile pin spanners are tough, precisely machined yet economically priced.

SPA-1: (Green) Fits adjusting cup on most three-piece cranks

SPA-2: (Red) Fits one-key release caps and adjusting cone on most freewheels



SPA-6 Adjustable Spanner

This spanner uses hardened, replaceable pins. Designed for heavy-duty use, the distance between pins is adjustable, allowing use on virtually any hanger cup.

Replacement Pins: 1501



HCW Crank & Bottom Bracket Wrenches

A HCW-4: 36mm box-end and bottom bracket pin spanner

B HCW-5: Double-sided bottom bracket lockring hook spanner

C HCW-11: Fits slotted bottom bracket adjusting cups and cups with raised 16mm wrench flats

D 1501: Replacement pins for HCW-4 and SPA-6

NEW

HCW-18 Bottom Bracket Wrench

The double-ended HCW-18 spanner fits slotted adjusting cones found on some one-piece cranks. The opposite end fits three-notched fixed-cones on some one-piece cranks.





FR Freewheel Removers

Heat treated alloy steel, one inch base fits wrench, Park Tool FRW-1 or bench vise. Thin wall construction allows use without removal of cones and locknuts on most hubs.

A FR-1.2: 12 splines, 22.6mm diameter. Fits Shimano®, Sachs® Aris®, and SunRace®, DNP Epoch and 5-9 speed freewheels.

B FR-2: 2 notches, 25mm diameter. Fits Sun Tour® two notch freewheels.

C FR-3: 4 notches, 24mm diameter. Fits all Sun Tour® four-notch freewheels since 1986.

D FR-4: 20 splines, 21.6mm diameter. Fits Atom®.

E FR-5: 12 splines, 23.5mm diameter. Fits Shimano®, SRAM®, SunRace®, SunTour®, Chris King® and other cassette lockrings. Also fits some Shimano® disc brake lockrings.

F FR-6: 4 notches, 40mm diameter. Removes four-notch BMX/single-speed freewheels from hubs with 1.37x24 TPI threads.

G FR-7: 12 splines, 22.9mm. Fits Falcon® freewheels.

H FR-8: 4 notches, 32mm diameter. Removes four-notch freewheels from "flip-flop" BMX hubs with 30x1mm threads.

I BBT-5/FR-11: 12 splines, 22.8mm diameter. Removes and installs all Campagnolo® cassette lockrings (including 11-speed) and splined, 12-tooth Campagnolo® bottom bracket cups.

J FR-5G: 12 splines, 23.5mm diameter. Fits Shimano®, SRAM®, SunRace®, SunTour®, Chris King® and other cassette lockrings. Also fits some Shimano® disc brake lockrings. Guide pin stabilizes tool.

FRW-1 Freewheel Remover Wrench

This tool securely holds freewheel and lockring tools (FR-1.2 through FR-8, BBT-5/FR-11, BBT-19.2/22) for removal and installation. Features an investment cast head and a long, round, vinyl dipped handle for superior leverage.



HCW-16 Chain Whip / Pedal Wrench

15mm pedal wrench combined with a 5- to 10-speed chain whip. A great combination for the home or traveling mechanic.



SR-1 / SR-11 / SR-18 Sprocket Remover / Chain Whip

This combination chain whip and freewheel/lockring remover wrench is heat treated to prevent bending and flexing. It also features hardened pins to keep the chain in place and a comfortable handle. Hex opening fits Park Tool freewheel removers.

SR-1: 5- to 10-speed cassettes and freewheels

SR-11: 5- to 11-speed cassettes and freewheels (shown)

SR-18: 1/8" fixed gear sprockets



SR-2.2 Sprocket Remover / Chain Whip

This shop quality chain whip gives you incredible leverage without worry of slippage. Heavy duty, heat treated head with a round vinyl coated handle. Hardened pins hold chain securely. Fits 5- to 11-speed cassettes.



CP-1 Chain Whip Pliers

Secure engagement, easy to use and fast! The CP-1 quickly grips cogs from 9 to 24 teeth with no manual adjustments. A great shop tool the CP-1 is 13.7" (35cm) long and can be used with one hand to hold cassettes solidly during lock ring removal. Forged steel construction with a spring loaded return and comfortable dual density grips.



NEW

A CT-3.2 Chain Tool

A shop favorite updated to work on all chains including 1/8", 3/16" and 5- to 11-speed derailleur chains. The CT-3.2 features an adjustable locating shelf so it works on any width chain to remove and install chain rivets.

Notes: CT-3.2 will notpeen Campagnolo® chain rivets (see CT-11).

The shelf fastener sizing is preset to allow easy adjustment from one width chain to another. Any attempt to lock the shelf in place will result in damage to the tool.

B CT-4.3 Master Chain Tool with Peening Anvil

Specially designed to work with the tight tolerances and narrow profiles of 10- and 11-speed chains but also works on all other derailleur chain. The CT-4.3 is a powerful, precise tool designed to quickly and accurately remove and install chain rivets. Without a doubt the most accurate chain tool we've ever built!

- Integrated Link Pocket ensures precise alignment
- Replaceable, rotating pin
- Perfectly contoured cushioned handles
- Precisely machined investment cast body and components
- Includes removable anvil topeen Campagnolo® 11-speed chains

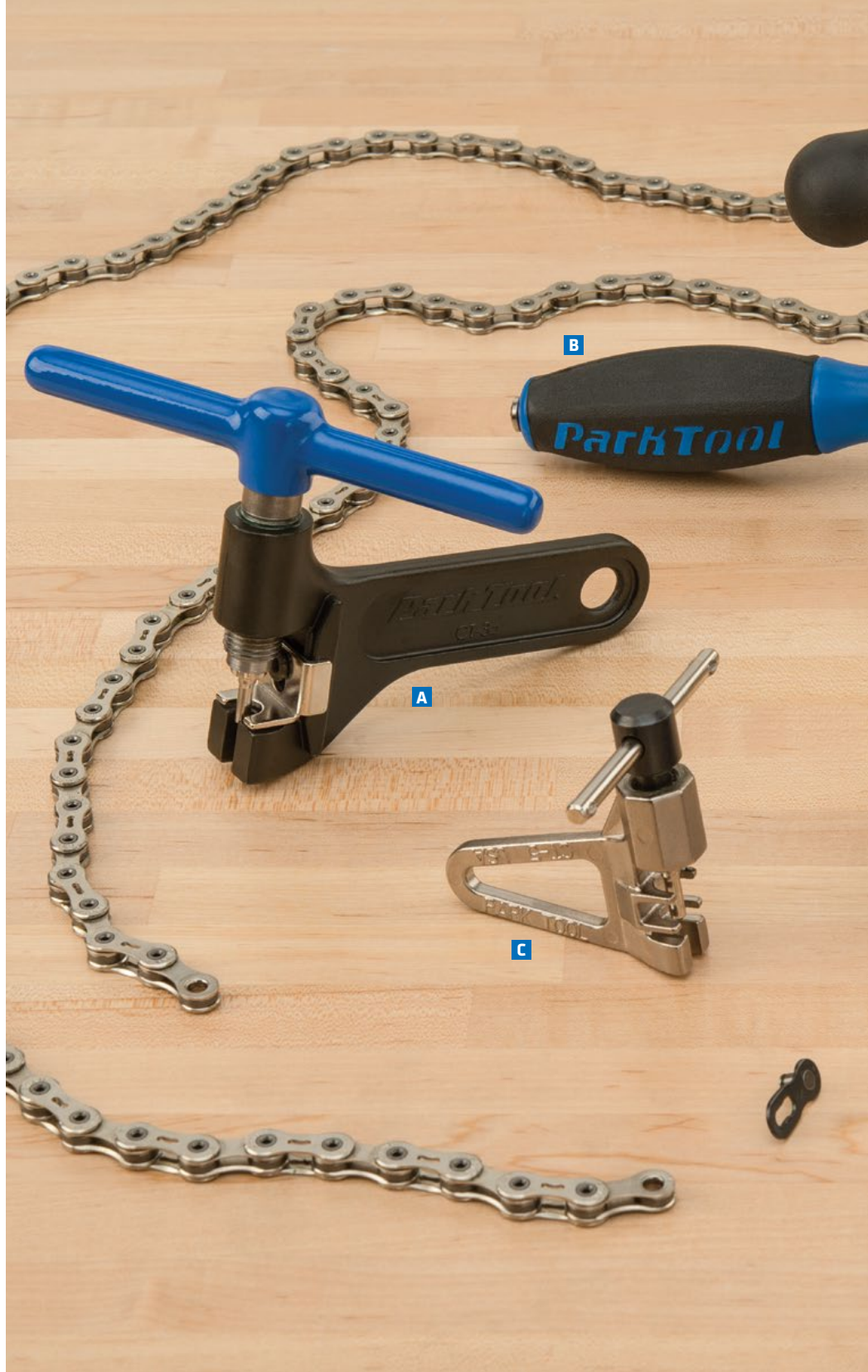


Note: The CT-4.3 is NOT compatible with Wipperman® chains.

C CT-5 Mini Chain Brute Chain Tool

This small chain tool goes anywhere and actually performs like a shop quality tool. The fine thread, special "V" shaped handle, and super strong replaceable pin make chain removal and installation a breeze.

- Works on derailleur chain including 10, 9, 8, 7, 6 and 5-speed chains
- Shelf for loosening tight links
- Perfect take-along chain tool at only 77 grams



985-1 Replacement Chain Tool Pin

The 985-1 is the replacement pin for the CT-6, CT-6.2, and CT-6.3 chain tool. Made from hardened alloy tool steel.



CTP Replacement Chain Tool Pin

These pins fit Park Tool's CT-1, CT-2, CT-3, CT-3.2, CT-5 and CT-7 Chain Tools. Made from hardened alloy tool steel.

CTP-C: Packaged carded in pairs

CTP: Bulk



CTP-4K Replacement Chain Tool Kit for CT-4 / CT-4.2 / CT-4.3 / CT-11

Includes four replacement pins and one replacement bearing.





D CT-6.3 Folding Chain Tool with Peening Anvil

Now 11-speed compatible, the CT-6.3 removes and install chain pins in all derailleur chain. Smooth and powerful this handy take along is encased in a stainless steel shell, which becomes a comfortable handle when opened. Also included is a peening anvil that allows for peening of Campagnolo® 11-speed chains which pivots out of the way when not in use.



E CT-11 Rivet Peening Tool for Campagnolo® 11-Speed Chains

After pressing the special connecting rivet into a Campagnolo® 11-Speed Chain and breaking off the pilot, Campagnolo® requires the end of the connecting rivet to be “peened” or “deformed” to prevent chain failure. The precision-machined CT-11 is used to accurately perform this critical process.

Note: The CT-11 will not install or remove chain rivets. Its sole function is to peen and secure the end of the Campagnolo® 11-speed connecting rivet. The Park Tool CT-4 or CT-4.2 Master Chain Tool is required for rivet installation and removal. The CT-4.3 Master Chain Tool has a built in peening function and does not require the use of a CT-11.

F MLP-1.2 Master Link Pliers

Many bicycle derailleur chains use a “master link” to separate the chain during removal and to join the chain during installation. While these master links can be removed and installed by hand, often times dirt, corrosion and wear can make the process difficult. MLP-1.2 Master Link Pliers make removal and installation of these master links quick and easy.



CC-2 Chain Checker

Now you can quickly and accurately determine the wear and stretch of any chain with the Park Tool Chain Checker. Simply insert the Chain Checker’s pins into two links, press the swing arm gauge tight, and then check the gauge window for an accurate reading. The CC-2 is 7, 8, 9, 10 and 11-speed compatible. Refer to chain manufacturer’s wear percentage replacement guidelines.



CC-3.2 Chain Checker

A worn chain shifts poorly and wears sprockets at an accelerated rate. The CC-3.2 is a “go, no go” gauge designed to accurately indicate when a chain reaches .5% and .75%, the points at which most chain manufacturers suggest replacement. The updated CC-3.2 is longer, more accurate and features permanent measurement markings.

HTR-1 / HTR-1B Head Tube Reaming & Facing Set

The HTR-1 combines reaming and facing for both head tube and unthreaded bottom bracket shells.

- Quick-release centering cone speeds adjustment to different head tube and shell lengths
- Optional accessories include 20 different reamers and facers for numerous headset and bottom bracket standards (see page 48)

HTR-1: includes the #751.2 reamer (30.1mm), #690 facer and four different pilots (29.75, 29.95, 33.75, and 36.75mm)

HTR-1B: includes all components of the HTR-1 but uses the #754.2 reamer (33.9mm) in place of #751.2 reamer (30.1mm)



BTS-1 Bottom Bracket Tapping & Facing Set

The BTS-1 is a precision tool system that provides a piloted means of tapping threaded bottom bracket shells. Facing cutter and handles are kept perfectly square to shell faces by taps inside the shell during the facing process. The BTS-1 includes two handles, a cutting facer, and one pair of Eng/BSC/ISO taps in right hand and left hand thread. Italian thread taps, 36mmx24 TPI are available as accessories.

Individual replacement/optional cutters available for BTS-1:

- #691: 1.370" x24 TPI Right Hand Tap - English
- #692: 1.370" x24 TPI Left Hand Tap - English
- #693: 36mmx24 TPI Right Hand Tap - Italian (2 required)
- #690: 45mm Facing Cutter

BFS-1 Bottom Bracket Facing Set

The Bottom Bracket Facing Set allows for facing threaded bottom bracket shells. Includes handle, cutting facer, two threaded inserts for Eng/BSC/ISO threaded shells, washer, tension spring, and speed nut. Tension spring system provides greater pressure to facing cutter than hand pressure of BTS-1.

Replacement parts/options:

- #690: Facer
- #688: 36mmx24 TPI right hand bushing (Italian)



Head Tube and Bottom Bracket Shell Cutters, Bushings and Pilots for HTR-1, HTR-1B, BTS-1, and BFS-1



¹ Included with BFS-1

² Included with BTS-1

³ Included with HTR-1

⁴ Included with HTR-1B

Tools Required for Machining Frame Bottom Bracket Shell

Bottom Bracket Standard	Bottom Bracket Shell Dimension	Required for Tapping and Facing	Required for Reaming and Facing	Required for Reaming Only	Required for Facing Only
Threaded English	33.7mm I.D.	BTS-1, 691, 692, 690	—	—	BFS-1 or BTS-1, 690, 681, 682
Threaded Italian	35mm I.D.	BTS-1, 693 (2 required), 690	—	—	BFS-1 or BTS-1, 688 (2 required), 690
BB30	42mm I.D.	—	HTR-1 or 1B, 752, 690-XL, 750.2	HTR-1 or 1B, 752, 750.2	—
PF30	46mm I.D.	—	HTR-1 or 1B, 752, 690-XL, 750.2	—	HTR-1 or 1B, 690-XL, 791P, 750.2
BBright Direct Fit	42mm I.D.	—	HTR-1 or 1B, 752, 690-XL, 750.2	HTR-1 or 1B, 752, 750.2	—
BBright Press Fit	46mm I.D.	—	HTR-1 or 1B, 752, 690-XL, 750.2	—	HTR-1 or 1B, 690-XL, 791P, 750.2
386 EVO	46mm I.D.	—	HTR-1 or 1B, 752, 690-XL, 750.2	—	HTR-1 or 1B, 690-XL, 791P, 750.2
BB86/92	41mm I.D.	—	HTR-1 or 1B, 744, 690-XL, 750.2	—	HTR-1 or 1B, 764, 690-XL, 750.2

Tools Required for Machining Frame Head Tube

Headset Standard	Headset Cup Dimension	Frame Head Tube Dimensions	Required for Reaming and Facing	Required for Facing Only
1" External Cup—JIS	30.00 - 30.10mm O.D.	29.85 - 29.90mm I.D.	—	HTR-1 or 1B, 762, 690
1" External Cup—Professional	30.20 - 30.30mm O.D.	30.05 - 30.10mm I.D.	HTR-1 or 1B, 751.2, 690	HTR-1 or 1B, 763, 690
1-1/8" External Cup	34.05 - 34.15mm O.D.	33.90 - 33.95mm I.D.	HTR-1 or 1B, 754.2, 690	HTR-1 or 1B, 765, 690
1-1/4" External Cup	37.05 - 37.15mm O.D.	36.90 - 36.95mm I.D.	—	HTR-1 or 1B, 766, 690
1-1/2" External Cup	49.70 - 49.75mm O.D.	49.57 - 49.61mm I.D.	HTR-1 or 1B, 758.2, 750.2	HTR-1 or 1B, 767, 690-XL, 750.2
1-1/8" Internal Cup—ZS	44.05 - 44.10mm O.D.	43.95 - 44.00mm I.D.	HTR-1 or 1B, 788, 690-XL, 750.2	HTR-1 or 1B, 768, 690-XL, 750.2
1-1/2" Internal Cup—ZS	55.99 - 56.04mm O.D.	55.90 - 55.95mm I.D.	HTR-1 or 1B, 789, 690-XXL, 750.2	HTR-1 or 1B, 790, 690-XXL, 750.2
1-1/8" Integrated—IS Top	no cup	41.10 - 41.2mm I.D., 3.10 - 3.20mm Depth	HTR-1 or 1B, 756S, 750.2	—
1-1/8" Integrated—IS Bottom	no cup	41.10 - 41.2mm I.D., 6.90 - 7.0mm Depth	HTR-1 or 1B, 756S, 750.2	—
1-1/8" Integrated—Italian Top	no cup	41.95 - 42.05mm I.D., 2.8-3.0mm Depth	HTR-1 or 1B, 761S, 750.2	—
1-1/8" Integrated—Italian Bottom	no cup	41.95 - 42.05mm I.D., 6.60 - 6.80mm Depth	HTR-1 or 1B, 761S, 750.2	—
1-1/2" Integrated	no cup	52mm	HTR-1 or 1B, 690-XL, 750.2	—

Note: The headset and bottom bracket standards listed in the tables on this page use head tubes and bottom bracket shells that can be machined using Park Tool products. This is not an exhaustive list of headset and bottom bracket standards used in the bicycle industry. Head tubes, headset parts, bottom bracket shells and bottom bracket parts should always be accurately measured to ensure the correct tools are used.



CRC-15 Crown Race Cutter Adaptor

Used in conjunction with the CRC-1 Crown Race Cutting Tool to machine 39.8mm crown race seats (1.5" standard) on tapered forks with 1-1/8" steerer tubes. Includes precision-machined adaptor body and 39.8mm high-speed steel crown race cutter. The CRC-15 will work on forks with a maximum 1.5" taper of 4.25 inches.

CRC-1 Crown Race Cutting Tool

The CRC-1 is a professional cutting tool for machining fork crown race seats. The tool cuts the outside diameter of the seat and then facing the fork's lower seat surface. This ensures proper headset fit, performance, and longevity.

- Adjustable collet system allows precise and snug handle fit to 1" and 1-1/8" steering tubes
- Includes high speed steel cutters in 26.5, 27.1 and 30.1mm crown race seat sizing
- Use with the CRC-15 for 1-1/8" to 1-1/2" tapered column forks

FTS-1 Fork Threading Set

The FTS-1 Fork Threading Set is designed for cutting new threads and for chasing existing threads on fork columns that are not chromed.

- Expandable split cutting dies are made from the highest quality high-speed steel for precision cutting and long life
- Guide system ensures cutting will start square and straight to unthreaded steering tubes
- Thread guide system allows chips to fall through the guide, preventing damage to the fork threads and the tool
- Includes die handle, 1" x 24 tpi cutting die (Part #606), and 1" cutting guide (Part #610)

Accessory dies and guides are also available separately:

#607: 1-1/8" x 26 die

#611: 1-1/8" guide

#608: 1-1/4" x 26 die

#612: 1-1/4" guide



TAP Frame Taps

Frame Taps will become a lifesaver at some time for virtually every mechanic. These taps are made of high carbon steel and are precision ground. Park Tool Frame Taps cut easily and fit conventional tap handles.

A TAP-7: 3mm x .5, rear wheel drop-out alignment screws

B TAP-8: 5mm x .8, water bottle, toe clip, fender and rack bosses

C TAP-9: 6mm x 1, cantilever brakes and large fender bosses

D TAP-10: 10mm x 1, derailleur hanger

See TH-1 / TH-2 Tap Handles on page 20

See CF-2 Cutting Fluid on page 26 with Lubrication and Assembly Compounds





SG-7.2 Oversized Adjustable Saw Guide

Accurately guides a hacksaw to cut steerers, integrated seat posts and even airfoil shaped seat posts up to 3.5" (89mm) or round tubes from 1-1/4" (32mm) to 1-3/4" (45mm) in diameter. The SG-7.2 features two different cutting slots—standard and carbon cutting blade widths—in a hardened steel body and molded contact points to protect tubes and frames.



SG-1/ SG-2 Threaded Saw Guides

Cut any fork quickly and easily with these handy fork stack cutting guides. Heat treated for long life, each guide cleans the freshly cut threads upon removal so headset parts install easily. Cut as little as 1mm from any fork.

SG-1: 1" cutting guide

SG-2: 1-1/8" cutting guide



SG-6 Threadless Saw Guide

The SG-6 Threadless Saw Guide ensures a straight, clean cut on 1", 1-1/8", and 1-1/4" threadless forks. Simply clamp it onto the fork and cut, letting the SG-6 guide the hacksaw blade. Its non-scratching composite body incorporates steel threads and a steel reinforcing plate to withstand the rigors of heavy shop use.



SG-8 Saw Guide for Carbon Composite Forks

Similar to the SG-6 but specially designed to accommodate wider, carbon composite specific saw blades.



CSB-1 Carbon Cutting Saw Blade

12" Tungsten steel hacksaw blade specially designed to smoothly cut carbon composite handlebars, forks, seat masts and integrated seat posts. Fits Park Tool SAW-1 and most 12" hacksaws.

See SAW-1 Hacksaw on page 19



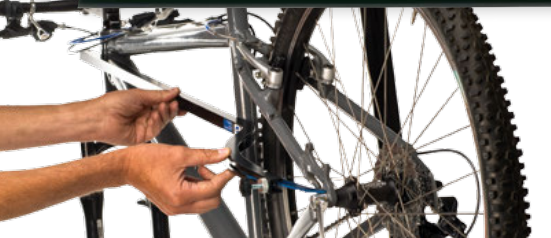
FFG-2 Frame & Fork End Alignment Gauge Set

Improperly aligned fork and frame dropouts can cause difficult wheel installation, bent axles, and bent quick release skewers. The FFG-2 quickly and easily determines whether dropouts are aligned and parallel.

- Works on frames and forks with open dropouts and spacing from 100 to 160mm
- Long handles and comfortable molded grips afford plenty of leverage for straightening when appropriate

FFS-2 Frame, Fork, and Tube Straightener

The Park Tool Frame, Fork and Tube Straightener is a versatile and productive tool. The open hook design enables it to straighten not only frames and forks, but also cranks and handlebars. Vinyl coating on the hook and on the fulcrum pad protects painted surfaces. The hook has over 8" of adjustment. Reinforced to prevent flexing. The adjustable hook now accommodates a fork or tube up to 1-3/4" (44mm) in diameter – 35% larger than that of the FFS-1 – and features over 8" (20.3 cm) of sliding travel adjustment.



FAG-2 Frame Alignment Gauge

The FAG-2 Frame Alignment Gauge checks the alignment of the rear triangle relative to the headtube. Useful in determine cause of bike tracking and shifting problems.

- Checks frame centering by comparing left to right side of the rear triangle
- Retractable pointer adjusts to fit most sizes and types of bikes
- May be used on bikes on any frame material

NEW



DW-2 Clutch Wrench for Shimano® Derailleurs

A small, thin wrench with 5.5mm and 3mm openings designed to fit the rear derailleur clutch tension adjuster on Shimano® XT, SLX, Deore, Saint and Zee rear Shadow Plus (+) derailleurs and all previous Shadow Plus models.



DAG-2 Derailleur Hanger Alignment Gauge

The Derailleur Hanger Alignment Gauge can help solve a multitude of derailleur shifting problems by both measuring and straightening derailleur hangers.

- Made of heavy gauge steel and is chrome plated for long shop life
- Adjustable for 20" to 29" wheels
- Long measuring pointer held in place with adjustable 0-ring system
- Long and narrow alignment boss to fit tight access hangers on wide variety of bikes
- Alignment accomplished by pulling or pushing DAG-2 arm, with results instantly checked





CRS-1 Crown Race Setting System

The CRS-1 offers fast, safe, and precise fork crown race installation for 1" or 1-1/8" steering tubes.

- Includes three different shaped inserts for 1" races and three different shaped inserts for 1-1/8" races
- Aluminum inserts contact fork crown race to prevent damage as race is installed
- Installation tube features a hardened cap to ensure long life

Note: For oversized columns 1-1/4" or 1-1/2" use the CRS-15 Crown Race Setter.

Replacement parts available

TNS-1 / TNS-15 Threadless Nut Setter

The Threadless Nut Setter is used to install the star-fangled nut found on threadless headset systems. Thread the nut onto the TNS, insert into the fork stack, and tap it in with a hammer. Sets the star-fangled nut to 15mm and keeps it straight. Long handle helps prevent pinched fingers.

Uses Part #822 Replacement Set Screws.

TNS-1: 1" and 1-1/8" Headset systems

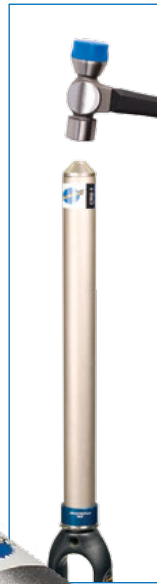
TNS-15: 1-1/4" and 1.5" Headset systems



TNS-4 Deluxe Threadless Nut Setter

The TNS-4 makes it quick and easy to install star-fangled nuts used with 1" and 1-1/8" threadless headset systems. Using a durable steel driver and built-in guide, the TNS-4 perfectly aligns the star-fangled nut and sets it to the proper depth every time. The unique design virtually eliminates pinched fingers.

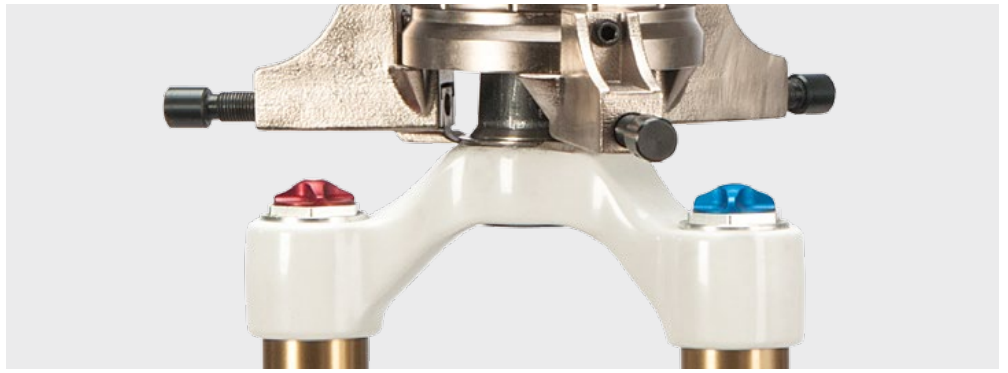
Uses Part #822 Replacement Set Screws.



CRS-15 Crown Race Setting System for 1.5" and 1-1/4"

Includes setting tube, one 1.5" setting insert, and one 1-1/4" setting insert.

Replacement parts available



CRP-2 Adjustable Crown Race Puller

The CRP-2 is a precision tool for quickly and easily removing the headset crown race from the crown race seat of the fork. The tool is fully adjustable, allowing precise, independent positioning of the blades around the crown race. Locating each blade independently provides flexibility to fit around most potential interferences with fork top caps or crown protrusions.

- Universal design works with 1", 1-1/8", 1-1/4" and 1.5" forks (suspension or rigid) and crown races with outside diameters up to 64mm
- Accepts steering columns up to 430mm in length
- All-steel construction for long life

Note: Blades are necessarily thin and will wear with use. Crown races with a tight press fit may also wear on blades.

Replacement blades available: Part #1155-3



HCW Headset Wrenches

Our headset wrench openings are lazer cut to ensure a tight, accurate fit. Made from the finest steel, heat treated and plated for years of heavy shop use.

- A** HCW-6: 32mm head wrench & 15mm pedal wrench
- B** HCW-7: 30mm & 32mm head wrench
- C** HCW-9: 36mm & 40mm head wrench
- D** HCW-15: 32mm & 36mm head wrench



Fig. 1

Fig. 2

HHP-2 Bearing Cup Press

The HHP-2 accurately aligns and presses 1", 1-1/8", 1-1/4", and 1.5" headset cups. In addition, it presses cartridge bearings and cups into one-piece bottom bracket shells (Fig-1) and holds fixed cup wrenches firmly in place when removing or installing adjustable-type bottom brackets (Fig-2). Features a quick-release design for fast tool installation and removal, extra long (30cm) handles for superior leverage, and stepped bushings for precise cup alignment.

530-2 Bearing Cup Press

Included with HHP-2, also available separately in pairs.



HHP-3 Home Mechanic Head Cup Press

Simple and economical, the HHP-3 is designed to install all sizes of head cups and one-piece bottom bracket cups.

RT-1/ RT-2 Head Cup Remover

The Park Tool Head Cup Remover makes accurate headset cup removal fast and easy. Strong, heat treated alloy steel with nickel finish.

RT-1: Fits 1", 1-1/8", 1-1/4" as well as some low profile and internal head cups.

RT-2: Fits 1-1/4" and 1-1/2" head cups as well as some low profile and internal head cups.





SS-15 Single Speed Spanner

Designed and built especially for single speed bikes, the SS-15 is a forged, multi purpose ride saver. Just the right size and length (17cm/7") to take along or to wrench in the garage, the "SS" is destined to be a single speeder's favorite.

- 15mm socket - axle nuts
- 15mm open end - pedals
- Smooth, curved spoon tire lever
- Bottle opener



MT-1 Multi-Tool

The MT-1 is a high quality multi-tool that is uncomplicated, easy to use, and effective. Made of investment cast steel and electroless nickel plated for durability, the MT-1 features 3mm, 4mm, 5mm, 6mm, and 8mm hex wrenches; 8mm, 9mm, and 10mm socket wrenches; and a flat blade screwdriver.

IB-1 / IB-2 / IB-3 I-Beam Mini Fold Up Tool Sets

Featuring our unique I-Beam design, the IB-1, IB-2, and IB-3 combine commonly used hex wrenches, screwdrivers, and more into a strong, compact, and lightweight package. No matter whether you desire only the essentials or a fully-loaded tool, we have one that is perfect your ride on the road or trail — don't leave home without it!

A IB-1:

- 3, 4, 5, 6, & 8mm hex wrenches
- Flat blade screwdriver
- Weighs 91g

B IB-2:

- 1.5, 2, 2.5, 3, 4, 5, 6, & 8mm hex wrenches
- T25 Torx® compatible driver
- Flat blade screwdriver
- Weighs 108g

C IB-3:

- 1.5, 2, 2.5, 3, 4, 5, 6, & 8mm hex wrenches
- T25 Torx® compatible driver
- Flat blade screwdriver
- Composite wrapped tire lever
- Two spoke wrenches: SW-0 (3.23mm) and SW-2 (3.45mm)
- 10-speed compatible chain tool
- Weighs 170g



FREE CUSTOMIZING

Ask your distributor about our custom laser engraving program. Your shop name or logo permanently engraved for free on IB-1 and IB-2 I-Beam Tools.





MTB-3.2 Premium Rescue Tool

The MTB-3.2 is built to tackle nearly any road or trailside emergency repair. It's small enough to take along yet the protected tools feature enough leverage to make repairs quick and easy.

Features:

- Composite protective shell doubles as two super strong tire levers
- 10-speed compatible chain tool
- Disc brake piston press
- Rotor truing tool
- 1.5, 2, 2.5, 3, 4, 5, 6 & 8mm hex wrenches
- T10, T25 & T30 Torx® compatible drivers
- Flat blade screwdriver
- Phillips head screwdriver
- 8, 9 & 10mm box wrench
- Emergency pedal wrench
- Presta valve core/extension tool (4mm)
- Bottle opener
- Three spoke wrenches (.127", .130" and .136" / SW-0, 1 and 2 sizes)
- Knife



MTB-7 Rescue Tool

An outstanding value, the quality MTB-7 Rescue Tool is packed with 21 useful tools for emergency repairs on the road or trail. Includes nylon carrying case with embroidered Park Tool logo.

Features:

- 2, 2.5, 3, 4, 5, 6, & 8mm hex wrenches
- Tire levers (2)
- Phillips head screwdriver
- Flat blade screwdriver
- T25 Torx® compatible star-shaped driver
- .127", .130", & .136" spoke wrenches
- 8, 9, & 10mm box end wrenches
- Chainring nut wrench
- Dust cap remover
- Serrated knife
- Bottle opener



PZT-2 Pizza Tool

What's better than pizza after a good day of wrenching or riding? An update of one of our all-time greats, the PZT-2 Pizza Tool is bigger (for better hand position), better (super sharp, large diameter stainless steel cutting wheel cuts through even the toughest terrain), and stronger! Amaze your friends, show off to your in-laws. It's a bicycle... it's a pizza cutter!



SPK-1 Spork

It's a spoon, it's a fork, it's a take along multi tool. Made of 316 food grade stainless steel and vinyl dipped in world famous Park Tool Blue. Dishwasher safe.

BO-5 Wall Mount Bottle Opener

Cleverly disguised as a water bottle cage the BO-5 attaches to any wall, workbench or cabinet and features a handy water bottle style cap catcher.



PNT-5 Pint Glass



MUG-1 Coffee Mug



BO-2 Bottle Opener

The ergonomically designed BO-2 is engineered and built to provide tremendous leverage, making quick work of any bottle cap. World famous Park Tool blue vinyl coated handle and stainless steel construction provide years of comfortable use. Dishwasher safe.



BO-3 Keychain Bottle Opener

A compact opener featuring our world famous blue handle and a 10mm wrench. Fits perfectly on a keychain or in a pocket or wedge pack. A take along tool you shouldn't be without.



STL-1.2 Shop Stool

The STL-1.2 Park Tool Shop Stool has chrome-plated steel legs and a comfortable padded seat with a three-color Park Tool Logo. The seat swivels 360 degrees and is positioned at a height of 32" (81cm)—the perfect height for wheel truing or other work at a bench or counter. Great in the shop or on the sales floor. Add the STL-3K Stool Back Kit to convert the STL-1.2 into a stool with a padded back rest.



STL-2 Rolling Adjustable Height Shop Stool

The STL-2 is ideal for quickly maneuvering around the bike while making adjustments. It has an adjustable gas shock with 5" (13cm) of travel, smooth-rolling wheels, and a swiveling seat with a three-color Park Tool Logo. Adjusts in height from 17" to 22" (44cm to 57cm).



STL-3K Shop Stool Back Rest Kit

Turns an STL-1.2 into a stool with a padded back rest.

HAT-4 Park Tool Ball Cap



MS-1 Mechanic's Shirt

Made from a wrinkle-free 65% poly/35% cotton blend for long wear and good looks. Black with Park Tool logo.

Sizes M, L, XL, and XXL



GLV-1 Mechanic's Gloves

Great for riding, mechanical work or to just show off the colors of your favorite tool brand, the GLV-1 is the perfect combination of comfort and function.

Features:

- Digital Amara® palm with anatomically shaped external reinforcement patches
- Touch phone compatible thumb and index fingertips
- Comfortable and soft fleece brow wipe
- Durable two-way stretch knit glove back with knuckle gussets
- TPR adjustable closure tab
- Sizes S, M, L, XL and XXL



TSH-2 Park Tool T-Shirt



A



B

A SA-1 Shop Apron

Protect your clothes and gain the advantage of large pouch pockets whenever you work in the shop. Our full-length, shop quality aprons are made of a heavy 7-ounce cotton twill for comfort and durability. Navy blue with white Park Tool logo.

B SA-3 Heavy Duty Shop Apron

Once you try on this apron, there's no going back to standard aprons. The SA-3 is made from heavy 10 oz. cotton canvas and has two rows of bar tack reinforced pockets for stashing pens, parts, tools, etc. The special crossback design removes pressure from the neck for all day comfort. A nylon quick release makes the apron easy to adjust and take off. A full 35" in length, the bottom 7" of the apron can be snapped up for a custom height fit. A Park Tool logo makes the apron as good looking (even when it's dirty) as it is functional.

SWH-3 Hoodie Sweatshirt

This pullover hoodie with embroidered patch is a heavyweight when it comes to keeping you warm and a testament to your good taste when it comes to style (and bicycle tools).

Sizes S, M, L, XL, and XXL





BBB-3 Big Blue Book of Bicycle Repair – 3rd Edition

Updated with new information, techniques, photos, procedures and components, the BBB-3 3rd Edition is a complete repair manual created to provide both the novice and veteran mechanic the information needed to perform nearly any repair from trailside repairs to complete overhauls.

Written by Park Tool Director of Education, Calvin Jones, the Big Blue Book is the perfect reference guide and step-by-step repair manual for nearly any bike, including road, mountain, bmx, and single-speed. We wrote the book on bicycle repair.

Available in English only

Repair clinics are a great way for bike shops to show their expertise, attract new customers, and help current customers keep their bikes running smoothly. The Park Tool School is a program and curriculum designed to make the planning and teaching of repair clinics easy. A skilled shop staff, a copy of the BBB-3TG Instructor's Guide, and a BBB-3 Big Blue Book of Bicycle Repair for each clinic participant are all it takes to get started. Bike shops offering the Park Tool School are posted on the Park Tool web site, where those interested can access a list of participating shops.



BBB-3TG Instructor's Guide for Park Tool School

A complete tutorial and information source to help retail stores conduct their own repair and maintenance clinics based on The Big Blue Book of Bicycle Repair 3rd Edition, BBB-3. Written by Calvin Jones, Park Tool's Director of Education Programs, using his 40 years of experience as a mechanic, educator, and writer. The BBB-3TG provides all the time-proven information needed for a successful Park Tool School clinic, including:

- Detailed advice to help you plan, organize, promote and teach a clinic
- Step by Step repair procedures
- Hundreds of photos
- Course outlines, lecture notes and demonstration ideas
- Student participation certificates, a promotional poster and sample registration forms

Available in English only

Triangular base is 32-inches (81.28 cm) in width, and the unit stands 70-inches (1.778 m) tall.



2 - PFP-8 included

NEW

PDR-4.2 Park Tool Display System

A great, easy way to give your customers the tools they need. Over 4000 shops around the world rely on Park Tool displays to help sell tools while using minimal floor space. The PDR-4.2 is a strong, permanent display that holds and sells 54 of our most popular tools. Updated for 2015 with new tools, components and graphics the PDR-4.2 is now, more than ever the best way to give your customers access to the tools they need to do hundreds of repair and maintenance tasks. Assembly required.

Note: Maple base available in the U.S. and Canada only. Export versions utilize a steel base, powder-coated black.

NEW

Two wall units measure 22.75-inches (57.79 cm) wide and 49.25-inches (1.25 m) tall each. Total display is 45.5-inches by 49.25-inches.



PDR-6.2 Double Wall Display

30 of our best selling tools showcased on two attractive Park Tool panels. Easily mounts to any wall or hangs on slat-wall side by side or vertically. Includes product hooks and consumer brochures.

PDR-5.2 Mini Wall Display

NEW

16 of our best selling tools, displayed prominently on a Park Tool branded wall panel. Perfect for the smaller shop or as a way to start selling tools. Mounts directly to any wall or hangs securely from slat-wall. Includes product hooks and consumer brochures.



Wall unit measures 23-inches (58.4 cm) wide and 46-inches (1.168 m) tall.

TL-1.2 Tire Lever Set

Updated to be stronger, smoother and more versatile, the TL-1.2 features a new material and redesigned tip for easier entry into just about any tire, including tubeless. The unique design lifts the tire away from the rim and features a spoke hook to use when multiple levers are needed. Sold in sets of three.

TL-1.2C: Packaged carded

TL-1.2: Display box (25 qty)

See page 31 for TL-1.2C Packaged carded

**TL-4.2 Tire Lever Set**

Wide and flat, compact and lightweight, the perfect take-along lever. The TL-4.2 is just the right size to stash in a bag or jersey pocket yet strong enough to remove some of the toughest tires, including most tubeless tires. Sold in pairs carded or in a retail countertop display box.

TL-4.2C: Packaged carded

TL-4.2: Display box (25 qty)

See page 31 for TL-4.2C Packaged carded

**GP-2 Pre-Glued Super Patch Kit**

One of our most successful products ever! We worked with 3M® to produce a self-adhesive tube patch that stretches, flexes, twists, and turns right along with the tube. No messy glue, no bulky packaging. Lightly roughen tube with the included sandpaper, clean, apply patch, and you're ready to go. Six patches with sandpaper in a neat little carry along box. Available individually carded or in a handy 48 kit countertop display.

GP-2C: Packaged carded

GP-2: Display box (48 qty)

See page 32 for GP-2C Packaged carded

**VP-1 Vulcanizing Patch Kit**

The VP-1 Patch Kit includes six thin and flexible patches with tapered edges to blend with the tube's profile. Two each round patches 20mm & 25mm in diameter for smaller holes. Two oval patches, 25mmx35mm, are for wider cuts. A tube of self-vulcanizing fluid bonds the patch to the tube at the molecular level. Each kit is packaged in a small plastic box with sandpaper for cleaning the tube and instructions. Available individually carded or in a handy 36 kit countertop display.

VP-1C: Packaged carded

VP-1: Display box (36 qty)

See page 32 for VP-1C Packaged carded



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English