



2017



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# 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 and Videos**

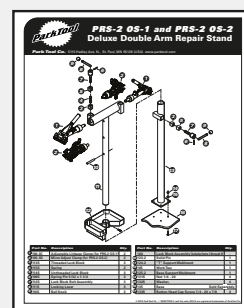
**Complete Mobile Site**

- 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 125 detailed, printable instructions and photos for almost any bicycle maintenance task or repair
- 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 with videos



Expanded product diagrams make finding replacement parts easy



@ParkTool



facebook.com/parktool



youtube.com/parktool



@ParkToolBlue



# More.

More. It seems there's always more to do, but in a way that's what keeps us going.

At Park Tool we're doing more. Producing more educational materials and videos, more research and development, more manufacturing in our own building in Minnesota and spending more resources to update, refine and expand our line of over 400 tools, stands and repair equipment. For 2017 we've once again added more tools to the most complete range on the planet. There's always more to do but that's the way we like it.

We're proud to be known across the industry as the producer of the world's finest line of bicycle tools for professional and home mechanics. We're proud that you've relied on us for over 50 years and we take the responsibility of staying ahead of an always-changing industry very seriously. It's our job to make high quality tools to save time, save money and to help get you out of a jam. The bicycle tool business is our only business, we love it and we're good at it.



I want to personally thank you. The 60 employees at our factory in Minnesota thank you as well. We appreciate your loyalty and the faith you've placed in us as your tool supplier. We promise to do our best to keep your business and we promise we will always do more.

Best Regards,

Eric Hawkins  
President/Chief Mechanic

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

*<sup>12</sup> 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

Adjustable  
from 50 to 62  
inches  
(127cm-158cm)

A

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



TOOL  
TRAY  
INCLUDED

Adjustable  
from 50 to 62  
inches  
(127cm-158cm)

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-2.2 Deluxe Double Arm Repair Stand**

The standard of the bike industry for over 40 years, the PRS-2.2 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 to five positions from 50" to 62" (128cm-158cm) utilizing our proven Lock Block System and a locking pin
- The maximum weight holding capacity of the PRS-2.2 is 54 kg (120 lb.)
- Includes #105 cast aluminum work tray

#### **Choice of two different clamping systems:**

**PRS-2.2-1:** Includes two 100-3C Adjustable Linkage Clamps

**PRS-2.2-2:** Includes two 100-3D Micro-Adjust Clamps (pictured)

**#135: 115 pound (52kg) steel plate base (sold separately)**

**FP-2: Floor Mounting Plate to mount stand directly to floor**

### **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 stand 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.



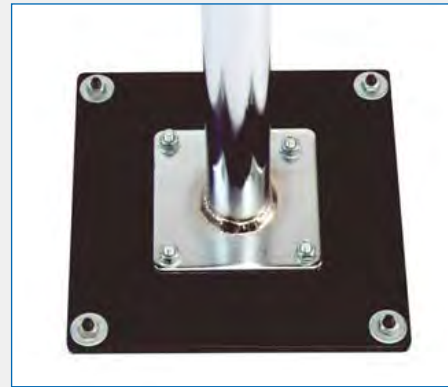
### **105 Cast Aluminum Tool Tray\***

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°
- Adjusts quickly from 57" to 68" (144-172cm)
- 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) centered over legs	80 lb. (36kg) centered over legs
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 button 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
1729-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



## NEW

### PRS-22 Team Issue Repair Stand

Originally designed for professional Pro Tour mechanics. The PRS-22 firmly holds any bike without clamping the frame or seat post by supporting the bottom bracket then locking either the front or rear dropouts. Works with any style axle system, including quick release and all sizes of thru-axles without cumbersome adaptors. Ideal for cleaning and general repair work, the PRS-22 features a solid tripod base and folds compactly for storage or transport.

- Precisely constructed of anodized 6063 T6 lightweight aluminum and durable composites (12.5lbs, 5.67kg )
- Adjustable BB height of 30" to 45"/76cm to 114cm
- 360 degree horizontal rotation allows easy access to all sides of the bike
- Customizable bottom bracket supports accommodate a wide variety of BB shells
- Main beam is adjustable fore and aft to customize balance points
- Easily transported in the BAG-20 (sold separately)



PRS-22 folded







### 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 45" to 60" (114.3 to 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

## 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.



### 1729-TA Sliding Thru Axle Adaptor

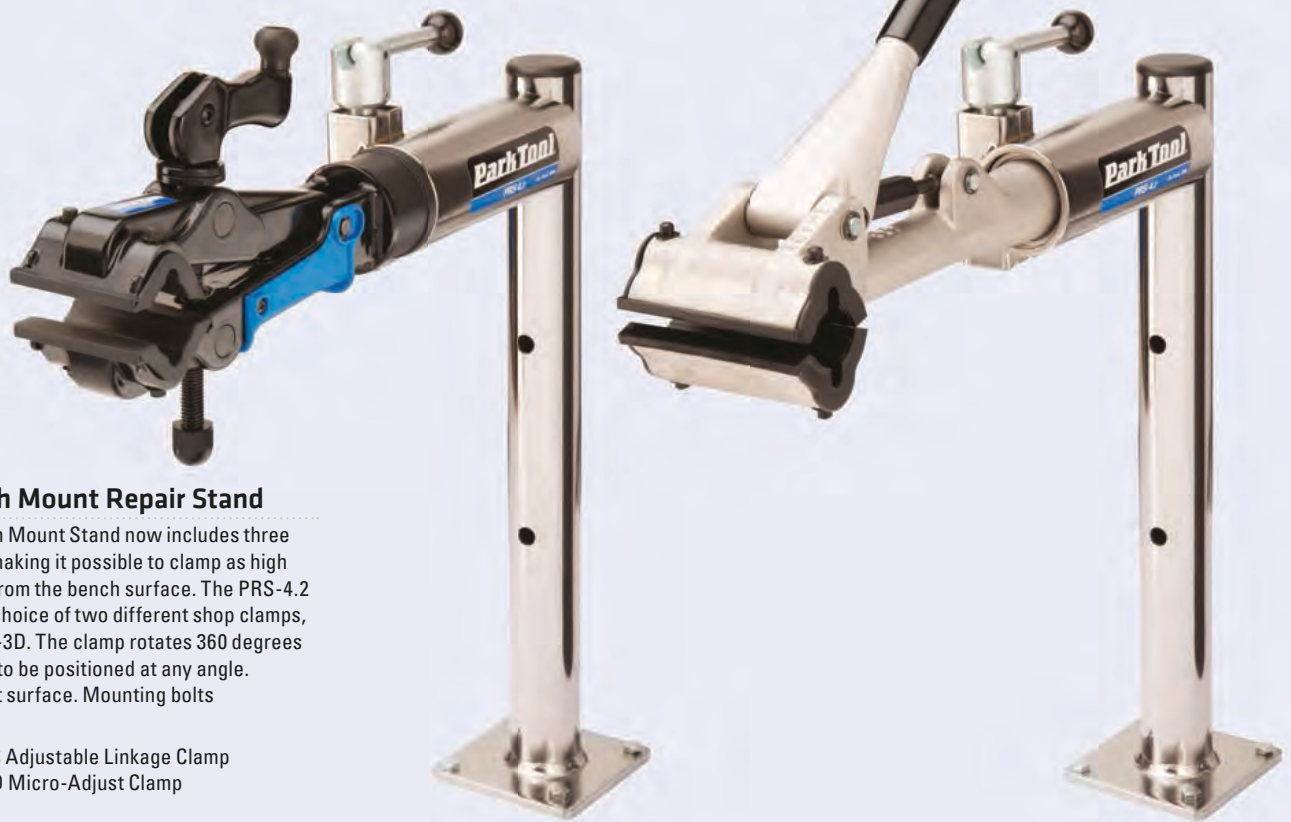
Converts any PRS-20, PRS-21 or PRS-23 to accept 12mm and 15mm thru axle wheeled bikes.



### 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 32 (sold separately)**



### PRS-4.2

#### Deluxe Bench Mount Repair Stand

The Deluxe Bench Mount Stand now includes three mounting holes, making it possible to clamp as high as 16.25" (41cm) from the bench surface. The PRS-4.2 is offered with a 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 to any flat surface. Mounting bolts not included.

**PRS-4.2-1:** 100-3C Adjustable Linkage Clamp

**PRS-4.2-2:** 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.

- Uses the #1185K jaw covers







### 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
- Uses the #1960 jaw covers

#### **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





### 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.

### 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



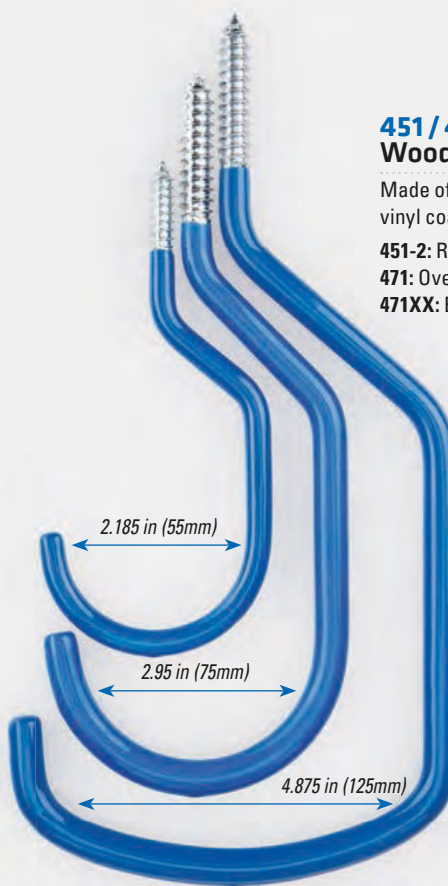
### 451 / 471 / 471XX Wood Thread Hooks

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

**451-2:** Regular (sold in pairs)

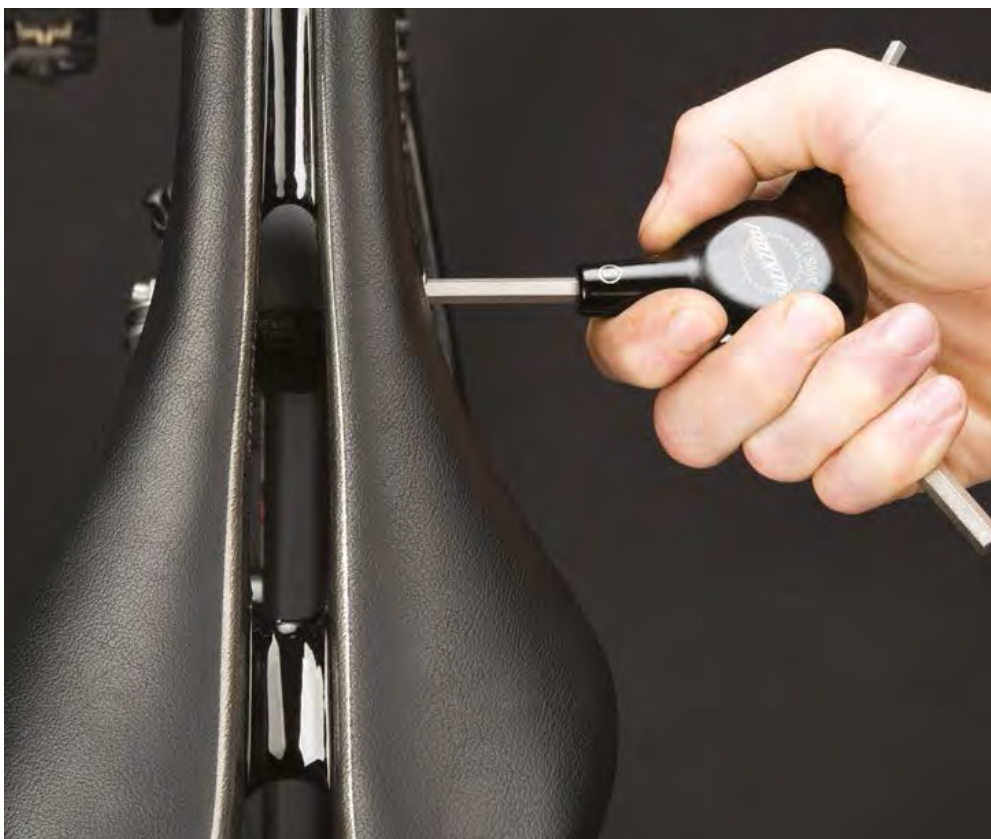
**471:** Oversized

**471XX:** Extra Large



### AWS-15 Aluminum Body 3-Way Hex Wrench

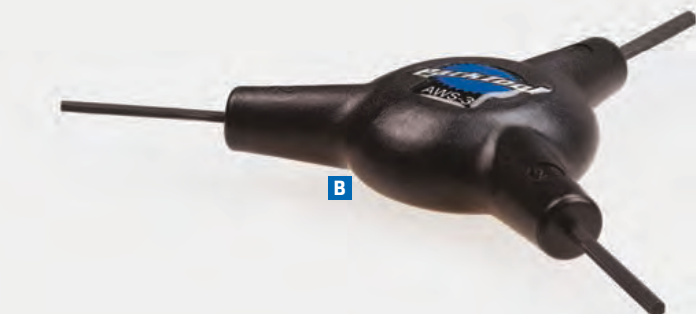
Featuring a forged, two-piece anodized, ergonomically designed aluminum body and replaceable hex wrenches. Hexes are made from industrial strength, heat treated high-torque, industrial steel and plated for long life.



### 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.

- 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 ball end tips







### PH-T1 P-Handled Torx® Compatible Driver Set

A complete set of star-shaped (Torx® compatible) wrenches. 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



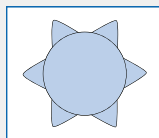
### TWS-1 Torx® Compatible Wrench Set

Shop quality L-shaped, high torque industrial steel star-shaped (Torx® compatible) wrenches. Featuring chamfered tips, tight tolerances and a handy portable tool holder for easy access. Includes: T9, T10, T15, T20, T25, T27, T30 and T40.

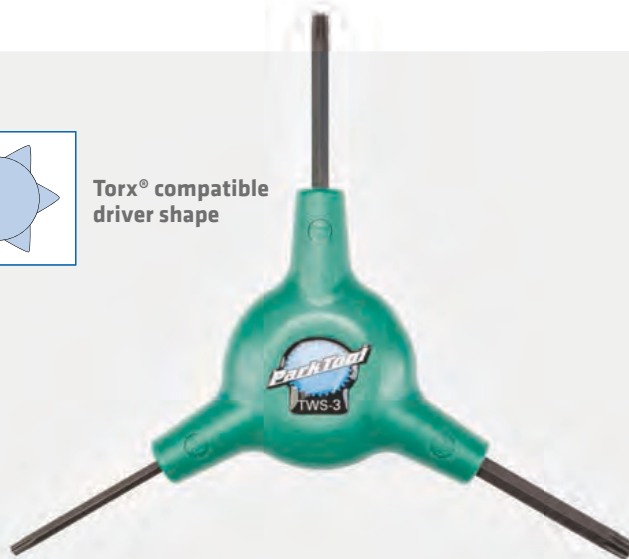


### TWS-2 Torx® Compatible Driver Set

The TWS-2 includes the star-shaped (Torx® compatible) 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 star-shaped (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).





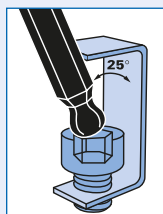
### PH-1 P-Handled Hex Wrench Set with Holder

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, ball end 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:*

- |                      |                    |
|----------------------|--------------------|
| <b>PH-2:</b> 2mm     | <b>PH-5:</b> 5mm   |
| <b>PH-2.5:</b> 2.5mm | <b>PH-6:</b> 6mm   |
| <b>PH-3:</b> 3mm     | <b>PH-8:</b> 8mm   |
| <b>PH-4:</b> 4mm     | <b>PH-10:</b> 10mm |



### HXS-1.2 Professional L-Shaped Hex Wrench Set

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

**Note:** 10mm hex in set is not a ball end.



**NEW**

### HXS-3 Stubby Hex Wrench Set

Shop quality, L-shaped, high-torque industrial steel hex wrenches with a ball end on the long arm and stubby short arms specifically for reaching bolt heads in tight spaces (like caliper mounting bolts, chainring bolts, etc.). Other features include chamfered tips, tight tolerances and a handy portable tool organizer/holder. 1.5, 2, 2.5, 3, 4, 5 and 6mm hexes.



### HR Hex Wrenches

A long handled 8mm L-Wrench with ball end 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 ball end

**D** HR-14: 14mm

**B** HR-11: 11mm

**E** HR-15: 15mm

**C** HR-12: 12mm



### 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. Hexes are made from industrial tool steel, through hardened, and tempered for long life.

**NEW**

**AWS-9.2:** 4mm, 5mm, and 6mm Hex Wrench Set with a T25 Torx® compatible bit and straight blade screwdriver



**AWS-10:** 1.5mm, 2mm, 2.5mm, 3mm, 4mm, 5mm, and 6mm Hex Wrench Set

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



### AWS-13 / AWS-14 Fold-Up Hex Wrench Sets

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)





## A 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
- Chaining nut wrench
- Dust cap remover
- Serrated knife
- Bottle opener



## B 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
- 5- to 11-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



## 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 for your ride on the road or trail — don't leave home without it!

### C IB-1:

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



### D IB-2:

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



### E 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)
- 5- to 11-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.







### 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.

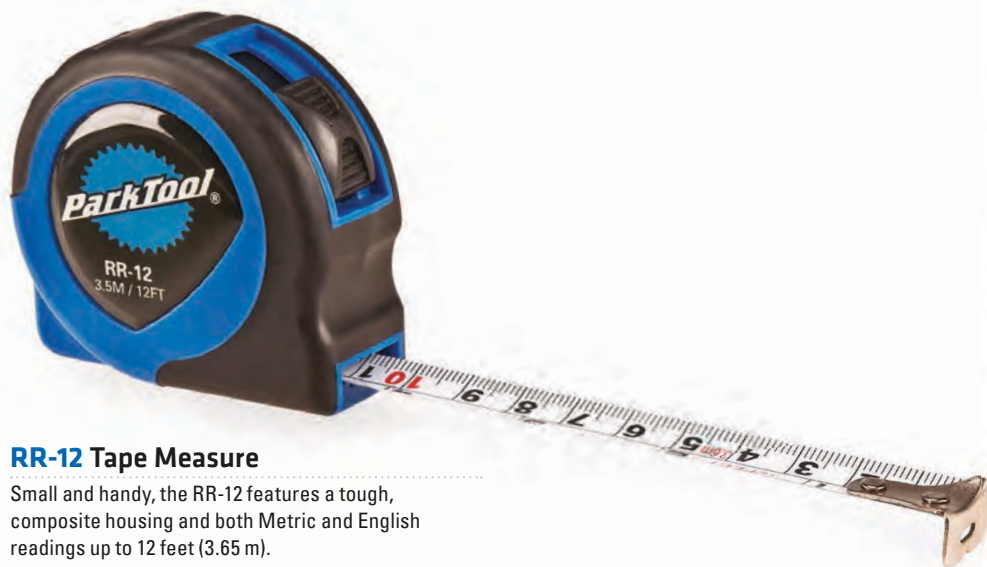


### MT-10 / MT-20 / MT-30 / MT-40 Multi-Tools

High quality take-along tools designed and built for specific riders and their bikes. Featuring forged aluminum side plates, hardened and plated tools and smooth ergonomic operation.

- |   |   |  |   |
|---|---|--|---|
| <p><b>F MT-10:</b></p> <ul style="list-style-type: none"> <li>• 3, 4, 5 and 8mm hex wrenches</li> <li>• T25 Torx® compatible driver</li> <li>• Combo cross/straight tip screwdriver</li> <li>• Key ring holder</li> <li>• Weighs 76g</li> </ul> | <p><b>G MT-20:</b></p> <ul style="list-style-type: none"> <li>• 3, 4, 5 and 8mm hex wrenches</li> <li>• T25 Torx® compatible driver</li> <li>• Combo cross/straight tip screwdriver</li> <li>• CO2 cartridge inflator adaptor</li> <li>• Key ring holder</li> <li>• Weighs 95g</li> </ul> | <p><b>H MT-30:</b></p> <ul style="list-style-type: none"> <li>• 2.5, 3, 4, 5, 6 and 8mm hex wrenches</li> <li>• T25 &amp; T30 Torx® compatible drivers</li> <li>• 8 &amp; 15mm box wrenches</li> <li>• Combo cross/straight tip screwdriver</li> <li>• Key ring holder</li> <li>• Weighs 153g</li> </ul> | <p><b>I MT-40:</b></p> <ul style="list-style-type: none"> <li>• 2.5, 3, 4, 5, 6 and 8mm hex wrenches</li> <li>• T25 &amp; T30 Torx® compatible drivers</li> <li>• Combo cross/straight tip screwdriver</li> <li>• CO2 cartridge inflator adaptor</li> <li>• 5- to 11-speed compatible chain tool</li> <li>• Key ring holder</li> <li>• Weighs 243g</li> </ul> |
|---|---|--|---|





### 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





## ATD-1 / PTD-4 / PTD-5 / PTD-6 Torque Drivers

Shop quality torque drivers that limit torque applied to fasteners preventing over tightening and damage to lightweight components. The torque drivers feature all metal internal construction with a comfortable, ergonomic composite molded grip. Each tool is assembled and calibrated at our factory in Minnesota.

- Limits torque applied to fasteners while rotating clockwise
- Includes 3, 4, 5mm and T25 bits stored in the handle
- All metal internal construction for long life
- ¼ inch hex drive

### A ATD-1

- Adjustable to 4, 4.5, 5, 5.5, or 6 Newton Meter (Nm)

### B PTD-4

- Preset to 4 Newton Meter (Nm)

### C PTD-5

- Preset to 5 Newton Meter (Nm)

### D PTD-6

- Preset to 6 Newton Meter (Nm)

## 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.

### E TW-5

- Ratcheting ¼” 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

### F 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, locking and bottom bracket tools)
- Hex bits: 3, 4, 5, 6, 8 and 10mm
- Torx® style bits: T25, T30 and T40





## A 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

## B 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 56 for CSB-1 Carbon Saw Blade

## RP-SET.2 Snap Ring Pliers Set

Designed and built with the specific needs of the bike mechanic in mind. The RP-SET.2 features four forged pliers made for internal snap rings and one for external snap rings.

Also available individually:

C RP-1: 0.9mm straight internal

D RP-2: 1.3mm bent internal

E RP-3: 1.3mm bent external

F RP-4: 1.7mm bent internal

G RP-5: 1.7mm straight internal

## H 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.

## 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.

### I TH-1

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

### J TH-2

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

See page 40 for TAP-3 / TAP-6 with Pedal Tools and page 55 TAP-7 / 8 / 9 / 10 with Frame and Fork Tools

## K 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.

## L PAW-6 6-Inch Adjustable Wrench

**NEW**

Forged with Chrome Vanadium (CR-V) steel, precision ground, heat-treated, plated and polished. The PAW-6 opens to 24mm and features a laser engraved measurement scale and dipped blue handle for comfort.





**M 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.

## N 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!

**Individual sizes available separately**

## 0 SZR-1 Scissors

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.

**P 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.

### **Q 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.

## SD-SET Shop Screwdriver Set

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

**Individual sizes available separately:**

**R SD-0: #0 Phillips**

**S SD-2: #2 Phillips**

**T SD-3:** 3mm flat blade

**U SD-6:** 6mm flat blade

**V UP-SET** Utility Pick Set

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

**W SP-7 Side Cutter Pliers**

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

**x 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.



## SK-2 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-2 includes more than 20 genuine Park Tool products plus a custom Park Tool toolbox.



### The SK-2 includes:

**CT-5** Mini ChainBrute Chain Tool  
**DCW-1** 1/2/3 Double-Ended Cone Wrenches  
**FR-5** Cassette Lockring Remover  
**GP-2** Super Patch Kit  
**GSC-1** GearClean Brush  
**HCW-16** Chain Whip/15mm Pedal Wrench  
**HXS-1.2** L-Shaped Hex Wrench Set  
**SD-2** Shop Screwdriver: #2 Phillips  
**SW-7.2** Triple Spoke Wrench  
**TL-1.2** Tire Lever Set  
**1622** Torx® Compatible™ L" Wrench

## AK-2 Advanced Mechanic Tool Kit

Designed specifically for the home mechanic who wants the best, the AK-2 Advanced Mechanic Tool Set is a special collection of our finest tools, all housed in a tough toolbox. The AK-2 includes over 40 tools to work on a wide variety of current model bikes. A great set of carefully chosen tools a mechanic should not be without.



See page 26 for a detailed tool list for all kits

## EK-2 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-2 includes over 45 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-2

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-2 Professional Tool Kit

An expanded and evolved set of our finest professional level shop tools that addresses the changing tool demands of modern bikes and their mechanics. The PK-2 includes over 65 of our best tools and was put together with versatility in mind. A great way to outfit a pro bench, or to set up a fabulous home workshop, the PK-2 is an impressive set of tools that can help you perform hundreds of repairs and maintenance tasks.



## 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-2 Essential Tool Kit

Designed for the casual cyclist, the economical WTK-2 contains the tools needed for basic repairs and adjustments at home or on the road. Includes: tire levers, AWS-9.2 fold-up hex/screwdriver, emergency tire boots and pre-glued tube patches all housed in a handy tool wallet.







## UPDATED

### MK-268 Master Tool Kit

This is it! The tool set...to end all tool sets. Updated yearly to include all our new shop tools, these sets feature everything we could think of to create blue tool heaven! Designed for the full-service mechanic the MK-268 is a complete set of professional level tools, fixtures, gauges and accessories. The perfect way to start a repair business, open or expand a bike shop or create the ultimate home workshop. More than 268 shop quality tools (over 425 pieces) from the only company in the world capable of such a feat. Tool envy. It's a beautiful thing.

## UPDATED

### BMK-254 Base Master Tool Kit

254 of our best shop tools. Includes everything in the MK-268 except major frame and fork cutting tools and accessories.

#### \* Excluded from BMK-254:

- |           |         |         |          |         |
|-----------|---------|---------|----------|---------|
| • 690-XL  | • 754.2 | • 790   | • CRC-1  | • FTS-1 |
| • 690-XXL | • 768   | • BFS-1 | • CRC-15 | • HTR-1 |
| • 750.2   | • 769   | • BTS-1 | • DT-5.2 |         |



Park #	Tool	AK 2	EK 2	PK 2	BMK 254	MK 268
349	Soft Bristle Soaping Brush	X				
690-XL	57.0mm Facing Cutter - For HTR-1					X
690-XXL	65.0mm Facing Cutter - For HTR-1					X
750.2	Centering Cone Adaptor - For HTR-1					X
754.2	33.9mm (1-1/8") Reamer - For HTR-1					X
768	43.8mm Pilot - For HTR-1					X
769	Head Tube Reaming Extension - For HTR-1					X
790	55.9mm Pilot - For HTR-1					X
1063	High Pressure Inflation Gauge	X				
ASC-1	Anti-Seize Compound: 4 oz.				X	X
ATD-1	Adjustable Torque Driver		X	X	X	X
AV-5	Axle and Spindle Vise Inserts				X	X
AWS-1	Three-Way Hex Wrench Set: 4, 5, 6mm		X	X	X	X
AWS-3	Three-Way Hex Wrench Set: 2, 2.5, 3mm			X	X	X
AWS-7	Hex/Torx® Compatible Y-Wrench				X	X
AWS-10	Fold-Up Hex Set: 1.5, 2, 2.5, 3, 4, 5, 6mm				X	X
AWS-15	Three-Way Hex Wrench Set				X	X
BBP-1	Bottom Bracket Bearing Press Set				X	X
BBT-4	Bottom Bracket Tool - For 6-notch Campagnolo®				X	X
BBT-5/FR-11	Bottom Bracket/Cassette Locking Tool for Campagnolo® (12-tooth)			X	X	X
BBT-9	Bottom Bracket Tool - For 16-Notch External Bearing Cups	X	X	X	X	X
BBT-10.2	Adjusting Cap Tool - For 8-Spline Hollowtech II®				X	X
BBT-16	Self-Extracting Crank Cap Tool				X	X
BBT-18	Bottom Bracket Tool - For 8-Notch Shimano® and ISIS Drive®				X	X
BBT-19.2	Bottom Bracket Tool - For 16-Notch External Bearing Cups				X	X
BBT-22	Bottom Bracket Tool - For 30-Tooth Splined Shimano® and ISIS Drive®				X	X
BBT-29	Bottom Bracket Tool - For Dura Ace® 11-speed and FSA® MegaEvo Bearing Cups™				X	X
BBT-30.3	Bottom Bracket Bearing Tool Set				X	X
BBT-32	Bottom Bracket Tool - For 20 Notch Shimano® and ISIS® Drive	X	X	X		
BBT-49	Bottom Bracket Tool - 39mm				X	X
BBT-59	Bottom Bracket Tool - 41mm				X	X
BBT-69	Bottom Bracket Tool - 44mm				X	X
BBT-79	Bottom Bracket Tool - 46mm				X	X
BBT-90.3	Press Fit Bottom Bracket Bearing Set				X	X
BCB-4.2	Bike Cleaning Brush Set			X	X	X
BDT-1	Belt Drive Sprocket Remover				X	X
BDT-2	Belt Drive Tension and Alignment Tool				X	X
BFS-1	Bottom Bracket Facing Set					X
BO-2	Bottle Opener	X	X	X	X	X
BSH-4	Bladed Spoke Holder				X	X
BT-2	Fourth Hand Brake Tool				X	X
BTS-1	Bottom Bracket Tapping and Facing Set					X
CBP-8	Campagnolo® Crank and Bearing Tool Set				X	X
CBW-1	Open End Wrench: 8/10mm			X	X	X
CBW-4	Open End Wrench: 9/11mm			X	X	X
CC-2	Chain Checker				X	X
CC-3.2	Chain Wear Indicator	X	X	X		
CCP-22	Crank Puller			X	X	X
CCP-44	Crank Puller			X	X	X
CCW-5	Crank Bolt Wrench: 14mm and 8mm		X	X	X	X
CDG-2	Chainingr Diameter Gauge				X	X
CF-2	Cutting Fluid				X	X
CL-1	Synthetic Blend Chain Lube: 4 oz.				X	X
CM-5.2	Cyclone Chain Scrubber	X		X		
CM-25	Professional Chain Scrubber				X	X
CN-10	Cable and Housing Cutter	X	X	X	X	X
CNW-2	Chainingr Nut Wrench	X	X	X	X	X
CP-1	Chain Whip Pliers		X	X	X	X
CRC-1	Crown Race Cutting Tool					X
CRC-15	Crown Race Cutter Adaptor					X
CRP-2	Adjustable Crown Race Puller				X	X
CRS-1	Crown Race Setting System				X	X
CRS-15	1.5" Crown Race Setting System				X	X
CSB-1	Carbon Cutting Saw Blade				X	X
CT-3.2	Screw Type Chain Tool	X	X	X	X	X
CT-4.3	Master Chain Tool with Peening Anvil				X	X
CTP	Replacement Chain Tool Pin				5	5
CWP-7	Compact Crank Puller	X	X			
DAG-2.2	Derailleur Hanger Alignment Gauge				X	X
DC-1	Digital Caliper					X
DCW-1	Cone Wrench: 13/14mm	2	2	X		
DCW-2	Cone Wrench: 15/16mm	2	2	X		
DCW-3	Cone Wrench: 17/18mm	X	X	X		
DH-1	Dummy Hub				X	X
DP-2	Threaded Dummy Pedal				X	X
DS-1	Digital Scale				X	X
DS-2	Tabletop Digital Scale				X	X
DT-2	Rotor Truing Fork				X	X

Park #	Tool	AK 2	EK 2	PK 2	BMK 254	MK 268
DT-3	Rotor Truing Gauge				X	X
DT-3i.2	Dial Indicator for DT-3				X	X
DT-5.2	Disc Brake Mount Facing Set					X
DW-2	Derailleur Clutch Wrench				X	X
FAG-2	Frame Alignment Gauge				X	X
FFG-2	Frame and Fork End Alignment Gauge Set				X	X
FFS-2	Frame Fork and Tube Straightener				X	X
FR-1.3	Freewheel Remover: Shimano®, Sachs®, Sun Race®				X	X
FR-2	Freewheel Remover: Sun Tour 2-Notch				X	X
FR-3	Freewheel Remover: Sun Tour 4-Notch				X	X
FR-4	Freewheel Remover: Atom®, Regina®, splined Zeus®				X	X
FR-5	Cassette Locking Tool: Shimano®, SRAM, Sun Race	X		X	X	X
FR-5G	Cassette Locking Tool with 5mm Guide Pin: Shimano®, SRAM®, Sun Race®				X	X
FR-5GT	Cassette Locking Tool with 12mm Guide Pin: Shimano®, SRAM®, Sun Race®				X	X
FR-5H	Cassette Locking Tool with Handle: Shimano®, SRAM®, Sun Race®		X			
FR-6	Freewheel Remover: BMX Freewheels with 1.37x24 TPI				X	X
FR-7	Freewheel Remover: Falcon				X	X
FR-8	Freewheel Remover: BMX freewheels with 30x1mm threads				X	X
FRW-1	Freewheel Remover Wrench				X	X
FTS-1	Fork Threading Set					X
GG-1	Grease Gun				X	X
GP-2	Super Patch Kit	X		X		
GSC-1	GearClean Brush	X	X			
HBH-2	Handlebar Holder				X	X
HBP-1	Hub Bearing Press Set				X	X
HCW-4	Box End 36mm and Bottom Bracket Pin Spanner				X	X
HCW-5	Double-Sided Bottom Bracket Locking Hook Spanner				X	X
HCW-7	30mm and 32mm Head Wrench				X	X
HCW-11	Bottom Bracket Tool for "Slotted" Cups and Cups with "Raised" 16mm Wrench Flats				X	X
HCW-15	36mm and 32mm Headset Wrench		X	X		
HCW-17	Fixed-Gear Locking Tool				X	X
HCW-18	Bottom Bracket Wrench				X	X
HHP-2	Bearing Cup Press				X	X
HMR-4	Shop Hammer		X	X	X	X
HPG-1	High Performance Grease: 4 oz.				X	X
HR-12	Hex Wrench: 12mm				X	X
HR-14	Hex Wrench: 14mm				X	X
HR-15	Hex Wrench: 15mm				X	X
HT-6	Hex Tool: 6mm				X	X
HT-8	Hex Tool: 8mm		X	X	X	X
HT-10	Hex Tool: 10mm				X	X
HTR-1	Head Tube Reaming and Facing Set					X
HXS-1.2	Set of Hex Wrenches	X	X			
HXS-3	Stubby Hex Wrench Set				X	X
INF-2	Shop Inflator				X	X
IR-1.2	Internal Cable Routing Kit			X	X	X
JH-1	Bench Top Small Parts Holder				X	X
MB-1	Magnetic Bowl				X	X
MG-2	Nitrile Mechanic's Gloves: M/L/XL				X	X
MLP-1.2	Master Link Pliers	X	X	X	X	X
MQ-1	Metric Quad Wrench				X	X
MW-SET.2	Metric Wrench Set of 12				X	X
MW-8	Metric Wrench: 8mm				X	X
MW-9	Metric Wrench: 9mm		X			
MW-10	Metric Wrench: 10mm		X			
MWF-1	Metric Flare Wrench: 8mm/9mm				X	X
ND-1	Nipple Driver				X	X
NP-6	Needle Nose Pliers			X	X	X
OBW-4	Offset Brake Wrench			X	X	X
OM-1	Benchtop Overhaul Mat				X	X
PAW-6	Adjustable Wrench: 6"				X	X
PAW-12	Adjustable Wrench: 12"	X	X	X	X	X
PTD-4	4 Nm Preset Torque Driver				X	X
PTD-5	5 Nm Preset Torque Driver				X	X
PTD-6	6 Nm Preset Torque Driver				X	X
PH-1	P-Handled Hex Wrench Set of 8 with Holder			X	X	X
PH-T1	P-Handled Star-Shaped Wrench Set				X	X
PP-1.1	Hydraulic Brake Piston Press				X	X
PPL-2	PolyLube 1000 Grease: 1 lb. tub				X	X
PTS-1	Tire Seating Tool				X	X
PW-3	Pedal Wrench	X				
PW-4	Professional Pedal Wrench		X	X	X	X
PZT-2	Pizza Tool				X	X
RP-SET.2	Ring Pliers Set of 5				X	X
RR-12	Tape Measure	X	X		X	X
RT-1	Headset Cup Remover				X	X
RT-2	Steering Race Remover				X	X

Park #	Tool	AK 2	EK 2	PK 2	BMK 254	MK 268
SA-3	Heavy Duty Shop Apron					X
SAC-2	SuperGrip Carbon and Alloy Assembly Compound				X	X
SAW-1	Hacksaw				X	X
SBC-1	Spoke, Bearing and Cotter Gauge			X	X	X
SBS-1	Socket and Bit Set				X	X
SCW-SET.3	Shop Cone Wrench Set: 13mm to 24mm, 26mm and 28mm					X
SCW-13 to 19	Shop Cone Wrenches: 13mm to 19mm			X		
SD-SET	Shop Screwdriver Set of 4	X	X	X	X	X
SG-6	Threadless Saw Guide				X	X
SG-7.2	Oversized Adjustable Saw Guide				X	X
SG-8	Threadless Saw Guide for Carbon Composite Forks				X	X
SGI-7	Saw Guide Insert				X	X
SP-7	Side Cutter Pliers			X	X	X
SPA-1	Hanger Cup Pin Spanner				X	X
SPA-2	Cluster Cone Pin Spanner				X	X
SPA-6	Adjustable Pin Spanner				X	X
SR-11	Chain Whip 5- to 11-Speed Compatible	X			X	X
SR-18	Chain Whip - For 1/8" Cogs				X	X
ST-3	Three-Way Socket Wrench: 8, 9, 10mm				X	X
STL-2	Rolling Adjustable Shop Stool				X	X
SW-0	Precision Spoke Wrench: .127"	X	X	X	X	X
SW-1	Precision Spoke Wrench: .130"		X	X	X	X
SW-2	Precision Spoke Wrench: .136"	X	X	X	X	X
SW-3	Precision Spoke Wrench: .156"				X	X
SW-5	DT Torx® Style Splined Nipple Spoke Wrench				X	X
SW-11	Spoke Wrench - For Campagnolo®				X	X
SW-12	Spoke Wrench for Mavic®				X	X
SW-13	Spoke Wrench - For Mavic®				X	X
SW-14.5	Spoke Wrench - For Shimano®				X	X
SW-15	3-Way Internal Nipple Wrench				X	X
SW-16	Internal Nipple Spoke Wrench: 3.2mm Square Socket				X	X
SW-16.3	Internal Nipple Spoke Wrench: 3/16" Hex Socket				X	X
SW-17	Internal Nipple Spoke Wrench: 5.0mm Hex Socket				X	X
SW-18	Internal Nipple Spoke Wrench: 5.5mm Hex Socket				X	X
SW-19	Internal Nipple Spoke Wrench: 6.0mm Hex Socket				X	X
SW-20.2	Master Spoke Wrench: .127"				X	X
SW-22.2	Master Spoke Wrench: .136"				X	X
SW-40	Four-Sided Spoke Wrench: .127"				X	X
SW-42	Four-Sided Spoke Wrench: .136"				X	X
SZR-1	Shop Scissors		X	X	X	X
TAP-3	Pedal Tap Set: 1/2" Right and Left				X	X
TAP-6	Pedal Tap Set: 9/16" Right and Left				X	X
TAP-7	Frame Tap: 3mm x .5				X	X
TAP-8	Frame Tap: 5mm x .8				X	X
TAP-9	Frame Tap: 6mm x 1				X	X
TAP-10	Frame Tap: 10mm x 1				X	X
TAP-12.1	Frame Tap: 12mm x 1				X	X
TAP-12.2	Frame Tap: 12mm x 1.5				X	X
TAP-12.3	Frame Tap: 12mm x 1.75				X	X
TAP-15.1	Frame Tap: 15mm x 1				X	X
TAP-15.1	Frame Tap: 15mm x 1.5				X	X
TAP-20.1	Frame Tap: 20mm x 1				X	X
TAP-20.2	Frame Tap: 20mm x 1.5				X	X
TAP-20.3	Frame Tap: 20mm x 2				X	X
TB-2	Tire Boot	2		3		
TH-1	Tap Handle: 1/4"				X	X
TH-2	Tap Handle: 3/8"				X	X
TL-1.2	Tire Levers	3				
TL-4.2	Tire Levers Set of 2				X	X
TL-5	Heavy Duty Steel Tire Levers Set of 2				X	X
TL-6.2	Steel Core Tire Lever Set of 2		X	X	X	X
TM-1	Spoke Tension Meter				X	X
TNS-4	Deluxe Threadless Nut Setter - For 1" and 1-1/8" Forks				X	X
TS-4	Professional Truing Stand				X	X
TS-2Di	Dial Indicator Gauge Set				X	X
TS-TA	Thru Axle Adaptors				X	X
TSB-2	Truing Stand Tilting Base				X	X
TW-5	Small Clicker Torque Wrench				X	X
TW-6	Big Clicker Torque Wrench				X	X
TWB-15	15mm Pedal Wrench Crow Foot				X	X
TWS-1	Torx® Compatible Wrench Set		X	X		
TWS-2	Fold-Up Wrench Set: T7, T9, T10, T15, T20, T25, T27, T30, T40				X	X
TWS-3	Torx® Compatible Three-Way Wrench: T10, T25, T30	X			X	X
UK-1	Utility Knife				X	X
UP-SET	Utility Pick Set				X	X
VC-1	Valve Core Tool				X	X
WAG-4	Wheel Alignment Gauge				X	X

### 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:

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



### 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.



### 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-4 Bio ChainBrite®

Bio ChainBrite Bicycle Chain and Component Cleaning Fluid CB-4 is a 100% biodegradable, natural, plant-based degreaser formulated for use in the CM-5.2 Cyclone Chain Scrubber or as a general purpose degreaser. Won't harm alloy, plastic, or rubber parts.

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.

### CG-2.3 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-4 Bio ChainBrite. The CG-2.3 works on all derailleur bikes and many 3-speed and coaster brake bikes.





## CM-25 Professional Chain Scrubber

A daily use, shop version of our world famous CM-5.2 Chain Scrubber. The CM-25 features a super tough die cast aluminum case and handle plus a unique brush/sponge replacement cartridge that makes it easy to keep it running smoothly and working properly. Our proven four-sided scrubbing action makes thoroughly cleaning chains quick and easy. A shop quality cleaner built to give years of constant use.

- Proven chain scrubbing technology leaves chains sparkling clean
- Durable A380 aluminum die cast case and removable handle
- Dual sided sponges and wicking pads to help reduce drips
- Rotating brushes clean on all four sides of every link
- Brush and sponge cartridge quickly and easily clicks in and out (RBS-25)
- Locking cover with stainless steel hinge pins
- Choose drip or immersion fluid application methods
- 100% serviceable

### RBS-25 Replacement Brush and Sponge Cartridge for CM-25

Includes two rotating brushes, two sponges and two wicking pads already installed in a composite cartridge, ready to snap into the CM-25 Professional Chain Scrubber.



NEW





## D 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

## E 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).

## F 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

## G 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

## H HPG-1 High Performance Grease

Proprietarily blended specifically for bicycles and bicycle bearings.

- Superior adherence and extended lubrication life
- Extreme temperature range: -20°F to 540°F (-29°C to 282°C)
- Highly water resistant
- Perfect for high end applications including precision ground and ceramic bearings, pivots and suspension components

4 oz. (113 g) tube

## I 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.

## J GG-1 Grease Gun

Use as a self contained grease gun by using the included canister or screw the pump on to any tube of Park Tool grease, anti-seize or assembly compound. Small tip opening ensures precise placement of lube in any application.

## TLR-1 / TLR-2 Threadlockers

Threadlockers lock threaded assemblies and keep them from loosening.

**K TLR-1:** Blue Medium Strength Threadlocker (Competes with Loctite® 242/243™)

**L TLR-2:** Red High Strength Threadlocker (Competes with Loctite® 262/263™)

## M RC-1 Green Press Fit Retaining Compound

Fills gaps and helps retain non-threaded parts like press fit bottom bracket parts, sealed bearings etc. Competes with Loctite® 680™.

## N AP-1 Adhesive Primer

Prepares surface, accelerates curing and promotes maximum performance of Park Tool TLR-1 and TLR-2 Thread Lockers as well as RC-1 Retaining Compound. Competes with Loctite® 7649™

**Note:** Must be used on all component, fastener and carbon fiber surfaces in conjunction with thread lockers and retaining compounds that contact carbon fiber such as PF30 bottom brackets or brackets or bearings pressed into carbon fiber frames. Failure to do so could result in permanently bonded parts.







**NEW**

### **TS-4 Professional Truing Stand**

The next generation of wheel truing stands! The TS-4 is made to accurately gauge any size wheel, with or without the tire installed. The TS-4 has many of the same features as our famous TS-2.2 with some additional attributes to accommodate today's wide variety of hub, wheel and tire combinations.

- Both uprights move simultaneously to always keep wheel centered in the stand
- Accommodates axle widths from 75mm to 215mm
- Direct action caliper arm adjusts to work with wheel sizes from 16" to 29"+
- Accommodates tire widths up to 5" with or without brake rotor mounted
- Machined, welded, assembled and calibrated in our factory in St. Paul, MN
- Precise accuracy, operation and adjustability
- Built in thru-axle adaptors
- Chrome plated and powder coated heavy gauge steel construction
- Removable, replaceable nylon caliper tips to protect painted/anodized rims
- Dial Indicator compatible (TS-2Di)
- Rotor gauge compatible (DT-3 & DT-3i.2)





### 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, TS-2.2 or TS-4 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.



### 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 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 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.







## TS-2.2 / TS-2.2P 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 smooth, accurate, more versatile and easier to use than any other stand, anywhere. The TS-2.2 combines time-tested functions and features sure to make your job easier.

- Both axle holding uprights move simultaneously to accommodate hub widths up to 175mm
- Heavy gauge steel, built to last for decades
- Spring loaded calipers and caliper arm to prevent binding
- Longer uprights to accommodate wheels up to 29" with or without a tire
- Strong, stiff uprights to reduce flex and improve accuracy and repeatability
- Removable, replaceable nylon caliper tips to protect painted rims
- Calipers to accommodate tire widths up to 4"

**C** TS-2.2: Nickel chrome plated

**D** TS-2.2P: Blue powder coated

## TS-2 AND TS-2.2 ACCESSORIES



### 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.



### 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.



### 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 200+mm.

### 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.

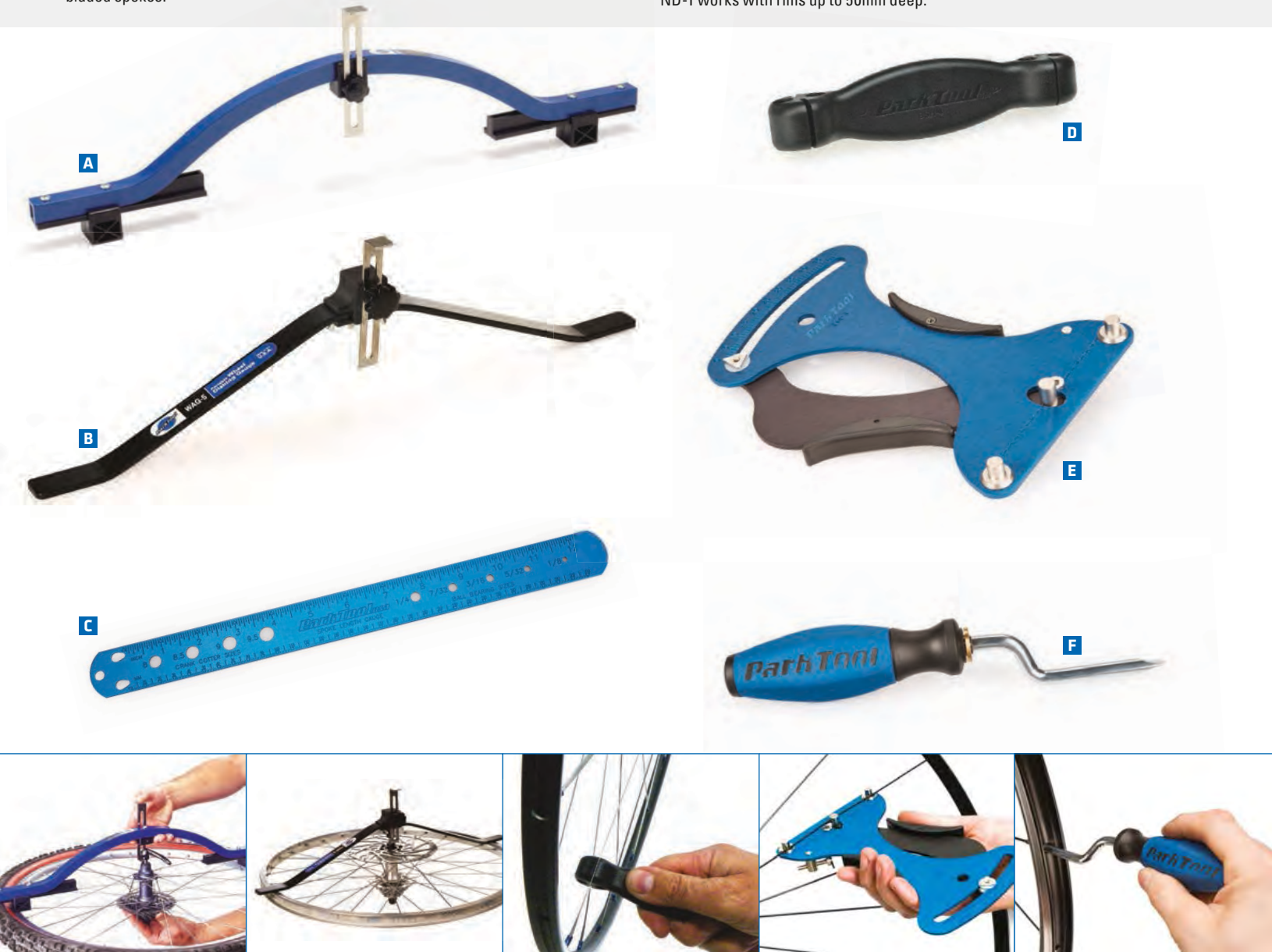
**Note:** The TM-1 Tension Meter includes a printed table to convert tension reading to kilograms force. Because of new and varied steel bladed aerodynamic spokes, there is a web page that acts as a chart calculator for steel bladed spokes not on the table.

#### Useful TM-1 Online Aids:

- The **Wheel Tension Balance Web App** ([www.parktool.com/wtb](http://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](http://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

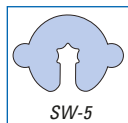
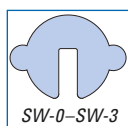
**B SW-1:** (Green) 80 ga./ .130" nipple/3.30mm

**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!**



## 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-11 / 12 / 13 / 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-11:** Fits Campagnolo® 5.5mm and 6.0mm spoke hex nipples.

**H 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.

**I 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.

**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

**N SW-18:** 5.5mm hex socket

**L SW-16.3:** 3/16" hex socket

**O SW-19:** 6.0mm hex socket

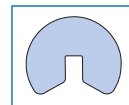
**M SW-17:** 5.0mm hex socket

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

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

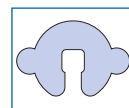


## SW-40 / SW-42 Four-Sided Spoke Wrench

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

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

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



## T 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.



### 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 66 for TL-1.2 Display Box (25 qty)



### 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 66 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-6.2 Steel Core Tire Levers

The TL-6.2 is a composite covered, steel core tire lever provides smooth, scratch-free operation and superior strength to help remove even the tightest tires. Newly upgraded with a tougher, more slippery material and a protruding steel tip to more easily and securely engage the tire bead. A perfect size (5"/12.7cm) to either take-along, or use as an everyday shop 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 76mmx44mm boot stays in place in any tire, road or mountain, high or low pressure. A true ride saver. (3 qty)



## 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 66 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 mmx35 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 66 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 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
- 7-7/8" in length (20cm)
- Approximately 3.7 ounces (105g)



### PMP-4.2 Mini Pump

Small enough to carry along yet big enough to pump efficiently. The PMP-4.2 is now available in two colors and comes with a handy holder that bolts under a water bottle cage and holds the pump securely. All aluminum barrel construction ensures long life and smooth operation.

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

**PMP-4.2:** Black  
**PMP-4.2B:** Blue

**NEW**



### 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





## INF-2 Shop Inflator

Built and designed for bicycles, the INF-2 utilizes a redesigned, more durable, dual-sided, 360° rotatable Presta and Schrader head. The INF-2 also sports a new, lighter weight body and a redesigned trigger to facilitate multiple hanging options. It features a built in pressure gauge (0-160 psi, 0-11 bar) with a protective gauge boot and the body will accept any 3/8" NPT male threaded fitting. Built for everyday shop use and it's 100% rebuildable!





### HCW-17 Fixed-Gear Lockring Tool

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



### HBP-1 Hub Bearing Press Set

Specifically designed to quickly and accurately press cartridge bearings into a wide variety of bicycle hubs. Features a quick release design for fast tool installation and removal. Includes precision aluminum pilots, spacers and bushings to press more than 20 different cartridge bearing sizes and multiple axle configurations. A complete installation set all in one!



### 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



### 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**



**B**



**D**



**E**

### **A DP-2 Threaded Dummy Pedal**

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

### **B 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" x 20 Left and Right

**TAP-6:** Set of 2, 9/16" x 20 Left and Right

See page 21 for TH-1 / TH-2 Tap Handles



### **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.

### **C 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.

### **D 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

### **E PW-5 Home Mechanic Pedal Wrench**

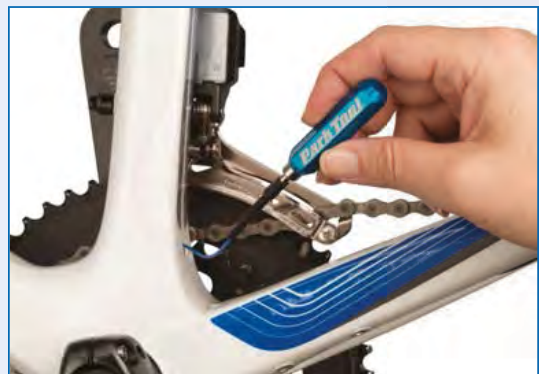
Designed for the do-it-yourself mechanic or rider, the PW-5 is perfect to take along or for the home workshop. Although economically priced, this 15mm pedal wrench, like all Park Tool products, is built to last. Made from heat-treated spring steel and vinyl dipped for comfort, the PW-5 is 11-1/2" (29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



**NEW**

### IR-1.2 Internal Cable Routing Kit

Take the guesswork out of installing cables, wires and housing inside the frame. The IR-1.2 speeds the internal frame routing of electric wires, shift cable/housing, brake cable/housing and hydraulic tubing on carbon fiber, titanium, and aluminum frames. Kit includes four plastic coated 250cm cables with attached magnets and unique fittings plus an external guide magnet to speed operation. Newly updated to include a dedicated E-tube Di2 cable connector that easily pulls through a 6mm frame hole. 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. A true time and frustration saver!



### DT-3 Rotor Truing Gauge

Accurately gauge the straightness of disc brake rotors while the wheel is mounted in a TS-2.2 or TS-4 Professional Wheel Truing Stand. The DT-3 features an infinitely adjustable, finely threaded indicator gauge. Works with any diameter brake rotor.



### 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.

**NEW**

### DT-3i.2 Dial Indicator for DT-3

Dial Indicator Set bolts directly to the DT-3 allowing for greater accuracy and a way to measure results. Now includes an elongated, cylindrical tip that is large enough to work around voids in most rotors.



### 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.







### DT-5.2 Disc Brake Mount Facing Set

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

- Faces any IS Mount, Post Mount or Flat Mount including low clearance, chainstay mounts
- Works with any configuration of open or thru axle dropouts and dropout widths (including Boost 110, Boost 148 and all fat bike) axles by using telescoping axle adaptors
- Includes two different cutters: one for IS Mounts and one for Post and Flat Mounts



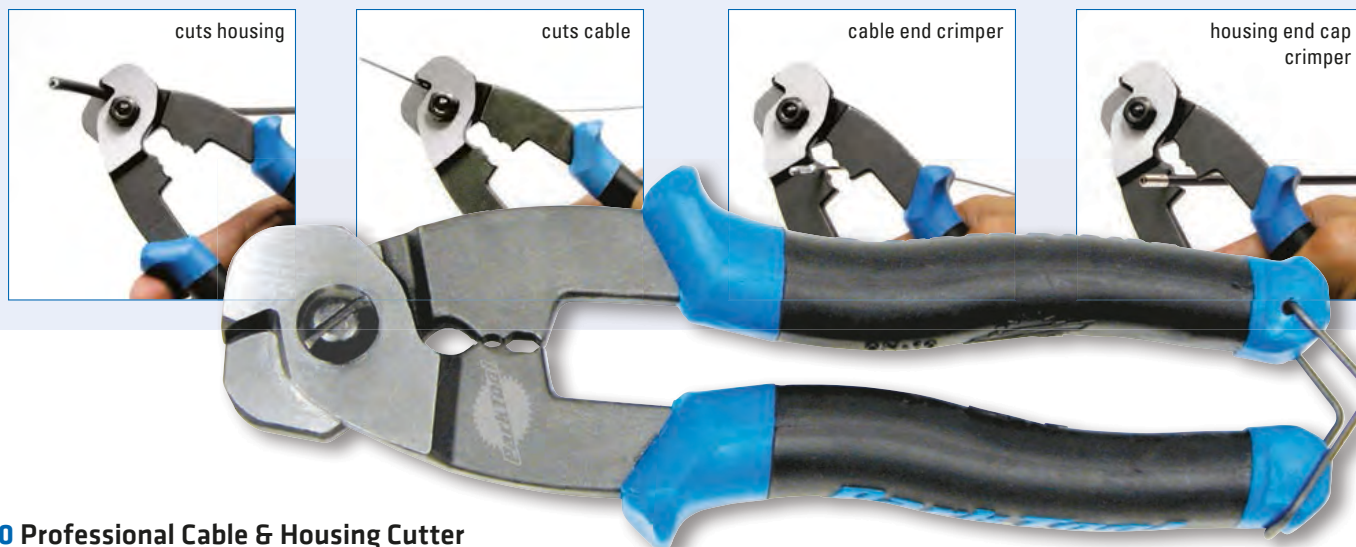
### DT-5UK Adjustable Axle Set

Upgrades the DT-5 to the DT-5.2.

#### Includes

- Four telescoping axle adaptors
- Two stand off studs for Flat Mount alignment
- 12mm front fork thru axle sleeve





### 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.







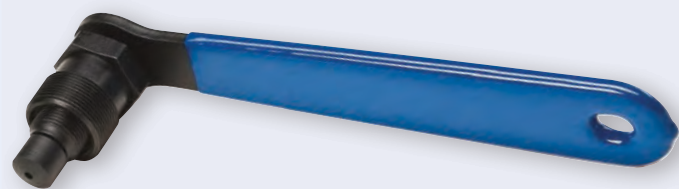
## NEW

### CBP-8 Campagnolo® Crank and Bearing Tool Set

A complete tool set to work on both Campagnolo® and Fulcrum® Ultra-Torque™ and Power Torque™ crank and bottom bracket systems. The CBP-8 includes a beefed up bearing and crank puller and all the fittings necessary to remove and install both systems. Set includes:

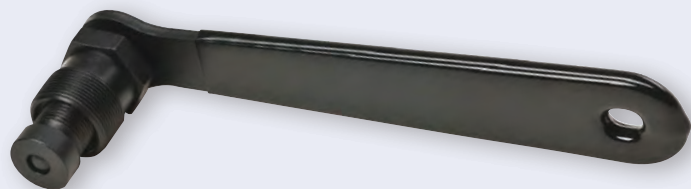
- Bearing puller that fits both Power Torque™ and Ultra-Torque™
- Crank puller for Power Torque™
- Bearing setter for both Power and Ultra-Torque™
- Removal adaptor for Power Torque™ crank bearings
- Removal protection pads for use with carbon cranks
- Removal protection adaptor for use with aluminum crank arms
- Crank removal extension plug for Power Torque™





### 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.



### 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.



### 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.



### CDG-2 Chainring Diameter Gauge

The CDG-2 easily and accurately measures bolt circle diameter (BCD) in millimeters for a wide variety of four and five bolt chainring patterns. Made of anodized aluminum and permanently laser engraved, the tool centers itself in chainring holes, chainring 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.



### CCW-5 Crank Bolt Wrench

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



### CNW-2 Chainring 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.





### 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 locking 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

### 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.



### BBP-1 Bottom Bracket Bearing Press Set

Specifically designed and built to quickly and accurately install bottom bracket bearings into press fit bottom bracket shells.

- Features a quick release design for fast tool installation and removal
- Includes precision bushings to fit and press BB30, PF30, BB86/92, BB90, GXP, Mid and Spanish bottom bracket bearings
- Works on all bottom bracket widths from 68mm to 150mm



### 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-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-10.2 Adjusting Cap Tool

Designed to remove and install the adjusting cap plus lift the safety plate on Shimano Hollowtech II® crank/bottom bracket systems. Steel, investment cast body provides good leverage and includes an option to use with an 8mm hex wrench for removing seized caps.



### BBT-16 Self-Extracting Crank Cap Tool

The BBT-16 removes and installs the self-extracting/one-key release caps on SRAM and RaceFace cranks with a 16mm hex hole. Features investment cast steel construction and an option to use 8mm hex for better leverage.



NEW

### 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. Fits 16-notch 44mm diameter bottom bracket cups.



### 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.



### BBT-49 / 59 / 69 / 79 Bottom Bracket Tools

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.

#### BBT-49

- 39mm 16-notch
- Fits: Shimano® XTR BB93, Dura-Ace® BB9000

#### BBT-59

- 41mm 16-notch
- Fits: Shimano® BBR60 (Ultegra® 11-speed)

#### BBT-69

- 44mm 16-notch
- 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-79

- 46mm 12-notch
- Fits: Race Face® Cinch™, Rotor® BSA30, Zipp® Vuma™, Hawk Racing™ BB3086™, and others





## FRW-1 Freewheel Remover Wrench

This tool securely holds freewheel and locking 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.



## 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 most hubs.

**A FR-1.3:** 12 splines, 22.6mm diameter fits Shimano, Sachs, Aris, Sunrace, DNP Epoch and other 5-10 speed freewheels. The FR-1.3 includes an enlarged thru-hole to accommodate 14mm axles.

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

### NEW



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

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

**E FR-5.2:** 12 splines, 23.5mm diameter. Fits Shimano®, SRAM® (including 1x), 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 all 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® and similar disc brake lockrings. Guide pin stabilizes tool.

**K FR-5GT:** Made specifically for use in thru-axes utilizing a guide pin to stabilize the tool. 12 splines, 23.5mm diameter. Fits Shimano®, SRAM®, SunRace®, SunTour®, Chris King® and other cassette lockrings. Also fits some Shimano® and similar disc brake lockrings.





### BDT-1 Belt Drive Sprocket Remover

Solidly holds belt drive rear sprockets similar to how a chain whip holds a chain drive sprocket, so the nut or lockring can be removed. Fits most major manufacturer's sprocket sizes.



### FR-5H Lockring Tool

A fast and convenient tool to remove and install the 12-spline Shimano/Sram style cassette lockrings, as well as similar lockrings on rotor discs. The FR-5H features a modified FR-5 tool that allows use without removing most quick release skewer nuts. The removable, threaded steel handle makes it possible to replace a worn or damaged head.

**2301:** Replacement Head



### 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/locking 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 Cassette 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.



### 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-4.3).

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 non-hour glass style 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 5- to 11-speed chains
- Shelf for loosening tight links
- Perfect take-along chain tool at only 77 grams

**Notes:** CT-5 will notpeen Campagnolo® chain rivets (see CT-6.3).



### 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 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.

### **F 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.

### **G 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.

### **BDT-2 Belt Drive Tension and Alignment Tool**

The BDT-2 is a go/no-go style gauge designed to help set the proper tension on most belt drive systems and sizes. The tool is also able to gauge rear cog parallelism and angularity.



## 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 52)

**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)

**HTR-HS Reamer/Facer Handle Set:** Build your own tool by adding cutters, reamers and facers to the HTR-HS. Includes handle and shaft, quick release center cone unit and nut.



## 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.

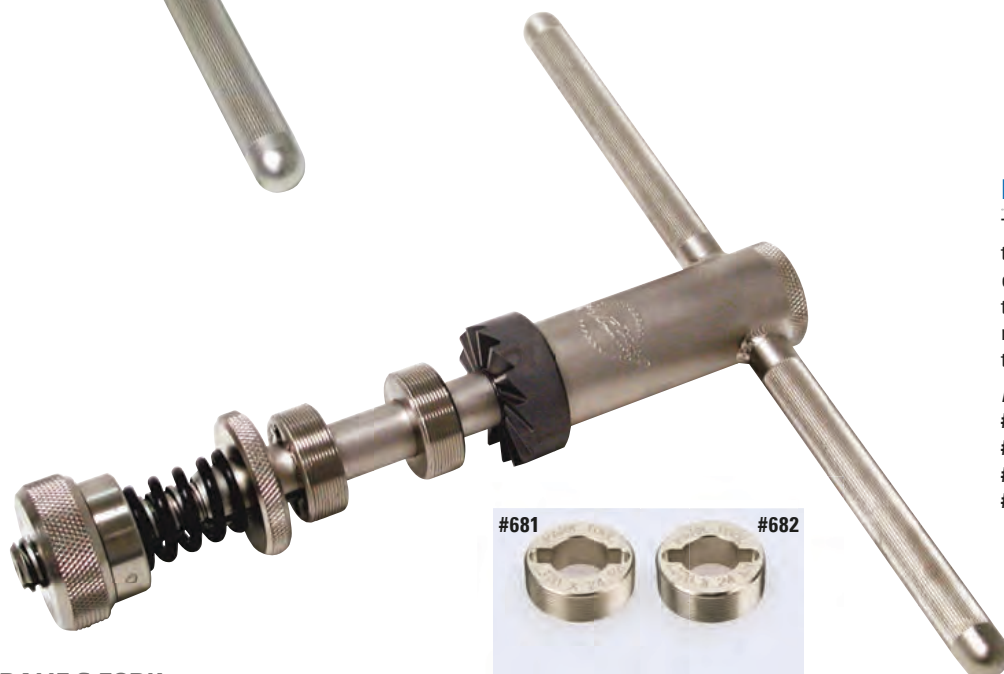
**Replacement parts/options:**

#681: 1.370x24 right hand bushing (English)

#682: 1.370x24 left hand bushing (English)

#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


<sup>1</sup> Included with BFS-1      <sup>2</sup> Included with BTS-1      <sup>3</sup> Included with HTR-1      <sup>4</sup> 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, 690-XL, 750.2, 791	—	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, 690-XL, 750.2, 791	—	HTR-1 or 1B, 690-XL, 791P, 750.2
386 EVO	46mm I.D.	—	HTR-1 or 1B, 690-XL, 750.2, 791	—	HTR-1 or 1B, 690-XL, 791P, 750.2
BB86/92, PF41, PF24	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	—
1-1/4" Integrated	no cup	47.05-47.1mm ID	HTR-1 or 1B, 799, 690-XL, 750.2	—
1-1/2" Integrated	no cup	52mm	HTR-1 or 1B, 738, 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

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

#611: 1-1/8" guide

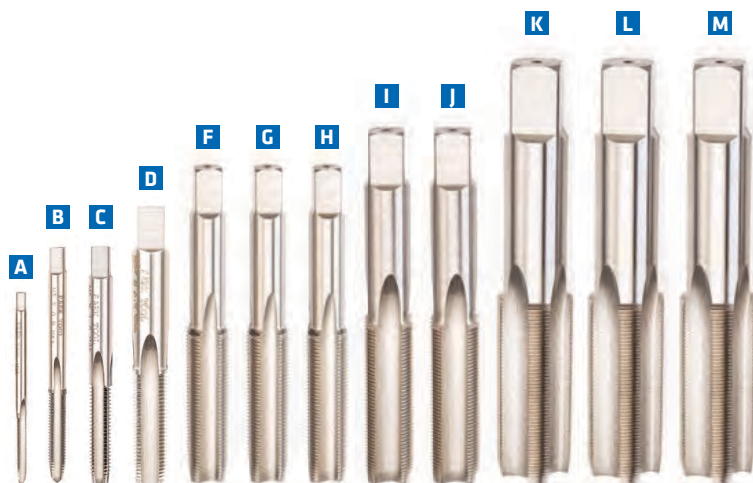
#612: 1-1/4" guide



See CF-2 Cutting Fluid on page 29 with Lubrication and Assembly Compounds



NEW



### TAP Frame and Fork Taps

Frame and Fork 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 and Fork Taps cut easily and fit conventional tap handles.

- |  |  |
|--|--|
| <b>A</b> TAP-7: 3mm x .5, rear wheel drop-out alignment screws           | <b>F</b> TAP-12.2: 12mm x 1.5, thru axles  |
| <b>B</b> TAP-8: 5mm x .8, water bottle, toe clip, fender and rack bosses | <b>G</b> TAP-12.3: 12mm x 1.75, thru axles |
| <b>C</b> TAP-9: 6mm x 1, cantilever brakes and large fender bosses       | <b>H</b> TAP-15.1: 15mm x 1, thru axles    |
| <b>D</b> TAP-10: 10mm x 1, derailleur hanger                             | <b>I</b> TAP-15.2: 15mm x 1.5, thru axles  |
| <b>E</b> TAP-12.1: 12mm x 1, thru axles                                  | <b>J</b> TAP-20.1: 20mm x 1, thru axles    |
|  | <b>K</b> TAP-20.2: 20mm x 1.5, thru axles  |
|  | <b>L</b> TAP-20.3: 20mm x 2, thru axles    |

See TH-1 / TH-2 Tap Handles on page 21



## 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.

## NEW

### SGI-7 Saw Guide Insert

Insert for the SG-7.2 Saw Guide to cut either alloy or carbon handlebars for the WTB PadLoc™ grips.



## 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

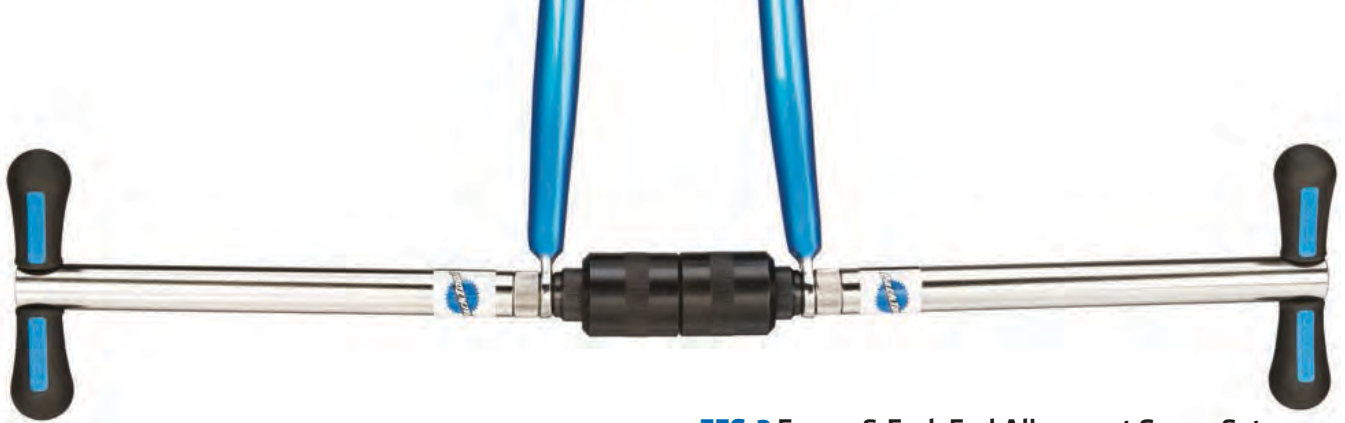
Similar to the SG-6 but specially designed to accommodate wider, carbon composite specific saw blades.



## 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 21



### 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



### DW-2 Clutch Wrench for Shimano® Derailleurs

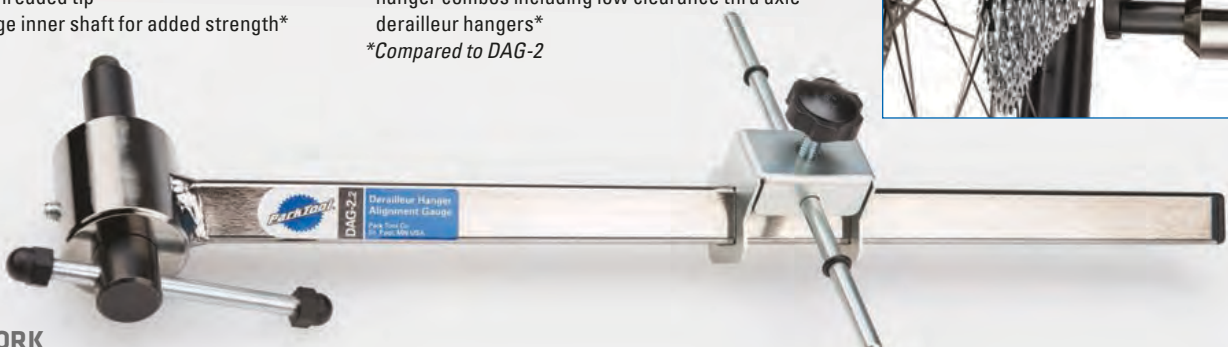
A small, thin wrench with 5.5mm and 3mm openings designed to fit the rear derailleur clutch tension adjuster on Shimano® XT, SLX, Deore, Saint and Zee rear Shadow Plus (+) derailleurs and all previous Shadow Plus models.

### DAG-2.2 Derailleur Hanger Alignment Tool

The DAG-2.2 is an indispensable shop tool that can be used to both measure and straighten misaligned derailleur hangers solving a high percentage of shifting problems.

- Gauge bar made of heavy gauge, chrome plated steel
- Adjusts to fit 20" to 29" wheels
- Replaceable threaded tip
- Upgraded, large inner shaft for added strength\*
- Tighter tolerances for improved accuracy
- Improved clearance and reach to fit more frame/hanger combos including low clearance thru axle derailleur hangers\*

\*Compared to DAG-2







### 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



### 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

### TNS-1 Threadless Nut Setter

The Threadless Nut Setter is used to install the star-fangled nut found on threadless 1" and 1-1/8" 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-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.





### 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-15:** 32mm & 36mm head wrench





### 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.





### 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.

### NEW

### SPG-1 Stainless Steel Pint Glass

### 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-5 Five-Panel Cap



### HAT-6 Mesh Back Ball Cap



### 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



### MS-1.2 Mechanic's Shirt

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

Sizes M, L, XL, and XXL



### TSH-4 Park Tool T-Shirt

Lightweight and comfortable. Left chest pocket. 100% ringspun cotton, 4.2 oz. Charcoal gray.

Sizes S, M, L, XL, and XXL



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-4 Sweatshirt

10.5 oz., 100% cotton lightweight crew neck sweatshirt. A perfect weight to throw on before or after a ride, or for a day of shop work. Weathered black with a screened front logo and small Park Tool patch on the back.

Sizes S, M, L, XL, and XXL







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

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

### PDR-4.2 Park Tool Display System

A great, easy way to give your customers the tools they need. Over 4,000 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 60 of our most popular tools. Updated 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.

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

35 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

19 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 22.75-inches (57.79 cm) wide and 49.25-inches (1.25 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 35 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 35 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 36 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 36 for VP-1C Packaged carded



# 30 NEW PRODUCTS

ENGLISH

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Park Tool Company  
5115 Hadley Ave. N.  
St. Paul, MN 55128 USA  
Tel: (651) 777-6868 | Fax: (651) 777-5559  
[WWW.PARKTOOL.COM](http://WWW.PARKTOOL.COM)

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