

# MOTORCYCLE SERVICE TOOLS



**Bikeservice**





# TRIDON

Tridon Australia Pty Ltd is an Australian owned company and supplies an extensive range of the highest quality products to the automotive, original equipment, industrial and hardware markets in Australia and New Zealand. Tridon's manufacturing facility is ISO9001/TS16949 quality accredited and ISO14001 environmentally accredited.

Tridon is the exclusive Australian distributor of international quality tool brands including Bikeservice, Knipex and Rennsteig and owns the Toledo and Sykes-Pickavant brands. For details on the comprehensive tool range visit [www.tridon.com.au](http://www.tridon.com.au) or [www.tridon.co.nz](http://www.tridon.co.nz)

The Motorcycle Service Tools catalogue includes specialised tools developed for motorcycle service work and maintenance for both the professional and DIY market sector.

Tridon prides itself on delivering the most comprehensive range of products and the highest level of service to its customers.

For further information please contact your nearest Tridon stockist or Tridon Customer Service as detailed on the back of this catalogue.

#### **PRODUCT DEVELOPMENT CUSTOMER FEEDBACK**

To assist with continued product development, please provide us with your valued feedback on tools that are currently not available in the Bikeservice range. Details should be sent to [sales@tridon.com.au](mailto:sales@tridon.com.au)



# CONTENTS



Alphabetical Index	2-4
Fuel Injection and Carburetion	6
Engine Service	7-10
Flywheel Service	11-13
Oil Service	14-15
Cooling System Service	16
Hose & Line Service	16-17
Clutch and Transmission	18-20
Chain & Belt Service	21-22
Bearing Service	23
Steering & Suspension Service	24-30
Brake Service	31-32
Tyre & Wheel Service	33-39
Electrical Service	40-42
Exhaust Service	43
General Workshop	44-47
Professional Hand Tools	48-56
Retail Merchandiser	57-58
Magneto Flywheel Puller Application List	59-67
Front Fork Seal Driver Application List	68-83
Part Number Index	84-85

## Alphabetical Index

Product	Page
<b>A</b>	
Acid Filler	40
Adjusting Tool Set, Carburetor	6
Anti Slip Film	47
Axle Nut Sockets	33-34
<b>B</b>	
Battery Acid Filler	40
Battery Terminal Cleaning Tool Kit	41
Bearing & Seal Retaining Tools	25
Bearing Installer Tool Kit - Steering Tube	27
Bearing Outer Race Removal Tool	28
Bearing Packer	23
Belt Tension Gauge	22
Bit Sets	56
Bit Socket Sets - Front Fork	30
Brake Bleeder & Vacuum Pump	32
Brake Pad Spreader	31
Brake Piston Detaching Tool	31
Brake Spring Hook & Headlight	31
Brush Set	45
Brush Wheel Cleaning	45
Bush Drive Sets	23
<b>C</b>	
Cable Wire Lubrication Tool	40
Cap Tools Fork	24-26
Carburetor Adjusting Tool Set	6
Carburetor Synchroniser Vacuum Gauge Set	6
Chain Adjusting C-Hook Wrench	21
Chain Breaking & Riveting Tool Kit	22
Chain Extractor	21
Chain Link Pliers	21
Chain Tensioner	21
C-Hook Wrenches	21-24
Clamp - Pressure	46
Cleaning Tool Kit - Terminal	41
Clic-R Clamp Pliers	17
Clutch Hub & Counter Balancer Sockets	20
Clutch Hub Spanner	20
Clutch Nut Wrenches	18

Product	Page
Clutch Outer Holding Wrench	20
Coil Spring Compression Tool - Hydraulic	29
Compression Test Kit, Cylinder	7
Compressor - Coil Spring	29
Compressor Set - Piston Ring	8
Cooling System & Radiator Pressure Test Set	16
Counter Balancer & Clutch Hub Sockets	20
Crankcase Separator Tool Set	9
Cutters - Grip End	47
Cylinder Compression Test Kit	7
Cylinder Leak Down Test Kit	7
<b>D</b>	
Disc Pad Brake Spreader	31
Double Ear Hose Clamp Pliers	17
Drain Can - Portable, Oil	14
Drive Chain Tensioner	22
Ducati Steering Stem Nut Tool	26
Dust Seal Drivers - Front Fork	28
<b>E</b>	
Extractor Bar - Tyre Valve	39
<b>F</b>	
Flexible Hose Clamp Nut Driver	16
Flexible Spout Funnel	14
Flywheel Pullers	11-13
Fork Cap Tools	26
Fork Seal Drivers	28
Fork Wrenches	24-25
Front Fork Adjusting Wrenches	25
Front Fork Bit Sockets	30
Front Fork Dust Seal Drivers	28
Front Fork Vice	29
Front Wheel Bearing Removal Tool Set	33
Front Wheel Spindle Removal Tool	36
Funnel - Flexible Spout	14
<b>G</b>	
Gauge - Belt Tension	22
Gauge - Carburetor Synchroniser Vacuum	6
Gauge - Torque Angle	51
Gauges - Tyre Pressure	39

## Alphabetical Index

Product	Page	Product	Page
Gauges - Tyre Tread Depth	39	Pick & Hook Sets	44-45
Grip End Cutter	47	Piston Locating Tools	9
<b>H</b>		Piston Ring Compressor Set	8
Hand Drive Bit Sets	56	Piston Ring Pliers	8
Handle Bar Grip Cutter	47	Plastic Scrapers	46
Headlight & Brake Spring Hook	31	Pliers - Piston Ring	8
Heat Shrink Tube Sets	42	Pliers - Vacuum Hose Removal	16
Hex Key Set	50	Portable Work Stool	46
Hose Clamp Nut Driver - Flexible	16	Portable Oil Drain Can	14
Hose Clamp Pliers	17	Pressure Adjusting Power Clamp	46
Hose Pliers	17	Pressure Clamp	46
Hydraulic Coil Spring Compressor	29	Protection Film	47
<b>I</b>		Pullers - Flywheel	11-13
Impact Screwdrivers	49	Pullers - Magneto Flywheel	11-13
Internal Axle Nut Hex Sockets	33	Pullers - Magneto Flywheel, 6 in 1	11
<b>K</b>		Pulley & Clutch Lock Nut Wrench	19
KYB Fork Tools	26	Pulley & Clutch Locking Wrenches	19
Key Sets	50	Pulley Holder Wrench Set - Universal	18
<b>L</b>		Pulley Nut Wrench - Dual End	19
Levers - Tyre	37	<b>R</b>	
Lock Nut Sockets	34	Radiator Tester	16
<b>M</b>		Ratchets	49
Magnetic Hex Key Set	50	Rim Protector Set	37
Magnetic TX-Star Keyset	50	<b>S</b>	
Magneto Flywheel Puller	11-13	Scissors - Stainless Steel	42
Magneto Flywheel Puller, 6 in 1	11	Scrapers - Plastic	46
Master Mechanics Tool Kit	52-53	Seal & Bearing Retaining Tools	25
Merchandiser Bike Service	57-58	Seal Pick Set	45
Multi Driver Spanners	49	Sealing Ring Assembly Tool Set	43
<b>O</b>		Sockets - Counter Balancer & Clutch Hub	20
Oil Drain Can	14	Sockets - Oxygen Sensor	43
Oil Filter Spanner	14	Sockets - Spark Plug	40
Oil Filter Cup Wrench	15	Sockets - T-Handle	54-55
Oil Filter Wrench, Universal, 3-Leg	14	Sockets - Vacuum Switch	43
Oxygen Sensor Sockets	43	Spanner - Oil Filter & Clutch Hub	14
<b>P</b>		Spanners - Multi Driver	49
Packer Bearing	23	Spark Plug Sockets - Extra Thin Wall	40
Panel Removal Tool	55	Spark Plug Maintenance Kit	41
		Spindle Removal Tool - Front Wheel	36

# Alphabetical Index

Product	Page
<b>S (cont)</b>	
Speed Handles	54
Spoke Torque Wrench Set	35
Stainless Steel Scissors	42
Starter Flywheel Puller	10
Starter Gear Nut Wrench	9
Steering Bearing Race Remover	28
Steering Stem & Front Cap Fork Wrenches	24-25
Steering Stem Nut Tool Ducati	26
Steering Tube Bearing Installer & Puller	27
Stripper - Wire	42
Stud Remover and Installer	10
<b>T</b>	
Tachometer Cable Replacement Tool	40
Tappet Adjusting Tool Set	8
Tensioner Chain	21
T-Handle Sockets	54-55
Timing Plug Wrench	10
Tool Kit - Master Mechanics	51-52
Tool Packs	48
Top Front Fork Nut Wrenches	24
Torque Angle Gauge	51
Torque Wrench Set - Spoke	35
Torque Wrenches	51
TX-Star Key Set	56
Tyre Bead Holding Tool	37-38
Tyre Inflator - Digital	39
Tyre Levers	37
Tyre Pressure Gauge	39
Tyre Tread Depth Gauge	39
Tyre Valve Extractor Bar	39
<b>U</b>	
Universal Oil Filter Wrench	14
Universal Pulley Holder Wrench Set	18
U Hook Handle	31
<b>V</b>	
Vacuum Hose Removal Pliers	16
Vacuum Pump & Brake Bleeder Kit	32
Vacuum Switch Sockets	43

Product	Page
Valve Core Torque Tool	38
Valve Spring Collet Remover/Replacement Tools	7
Vice - Front Fork	29
<b>W</b>	
Wheel Balancing Stand	36
Wheel Cleaning Brush	45
Wheel Lock Nut Sockets	34
Wire Retaining Tool	50
Wire Stripper - Professional	42
Work Stool - Portable	46
Wrench - Chain Adjusting C-Hook	21
Wrench - C-Hook	24
Wrench - Clutch Outer Holding	20
Wrench - Oil Filter, Universal, 3-Leg	14
Wrench - Pulley Nut, Dual End	19
Wrench - Pulley & Clutch Lock Nut	19
Wrench - Starter Gear Nut	9
Wrench - Timing Plug	10
Wrenches - Clutch Nut	18
Wrenches - Fork	24-25
Wrenches - Ratchet	49
Wrenches - Steering & Front Cap	24-25
Wrenches - T Handle Socket	54-55
Wrenches - Torque	51
Wrenches - Top Front Fork Nut	24
Wrenches - Universal Pulley Holder Set	18



The Bikeservice range of specialty tools has been designed, engineered and developed specifically for motorcycle maintenance, tuning and servicing. Extensive research and development has been conducted to ensure the products meet the requirements of the motorcycle repair industry.

The extensive range includes electrical, engine service, clutch and transmission, tyre, wheel, steering, suspension and general hand tools.

Bikeservice is a dedicated motorcycle tool program servicing professional repairers and DIY.



# FUEL INJECTION AND CARBURETION

**BS0058**

## Carburetor Adjusting Tool Set

- Special angled drive design assists in aligning the bit with the carburetor adjustment screw
- Designed for those hard-to-reach air/fuel mixture screws on most multi-cylinder motorcycles
- Includes Flat, Phillips,PH2, and D-Type socket bits



**BS8117**

## Carburetor Synchroniser Vacuum Gauge Set

- This vacuum gauge set contains precision gauges, each with its own damping control
- Gauges are mounted to a portable heavy duty metal base for bench top use
- Suitable for multi carburetor balancing



Adjusting Valve



Clamps & O Rings





## BS8002

### Cylinder Leak Down Test Kit

- Designed to check the amount of cylinder leakage in 4-stroke engines
  - With an air input of 70 ~ 160 PSI
  - This system will pressurise the cylinder with 60 PSI of air
  - Gauge will register the total percentage of leakage past the rings, head gasket, intake and exhaust valves
  - Speeds up troubleshooting & helps to isolate worn components
  - Covers plug hex sizes 16mm, 18mm, 21mm and M18 hose for vacuum pump or
- Thread Sizes**  
 M10 x 1.0  
 M12 x 1.25  
 M14 x 1.25  
 M18 x 1.25



## BS8001

### Cylinder Compression Test Kit

- Designed specifically for testing motorcycle and small engine compression
  - Kit features a specially designed compression gauge and hose assembly, plus three different size hose adaptors
  - Compression tester and hose lengths are designed for optimal viewing from side of engine
  - Covers most popular motorcycle and small engine plug hex sizes (16mm, 18mm, 21mm) or
- Thread sizes**  
 M10 x 1.0  
 M12 x 1.25  
 M14 x 1.25



### Valve Spring Collet Remover/Replacement Tools

- Removes split collets when compressing valve springs on 4 stroke engines
- Holds valve spring collets in position during replacement
- Suits most 4 stroke motorcycle engines



## BS9828

Suits  
18mm x 9mm



## BS9829

Suits  
14.5mm x 7mm  
x Hollow 5mm



## BS2201

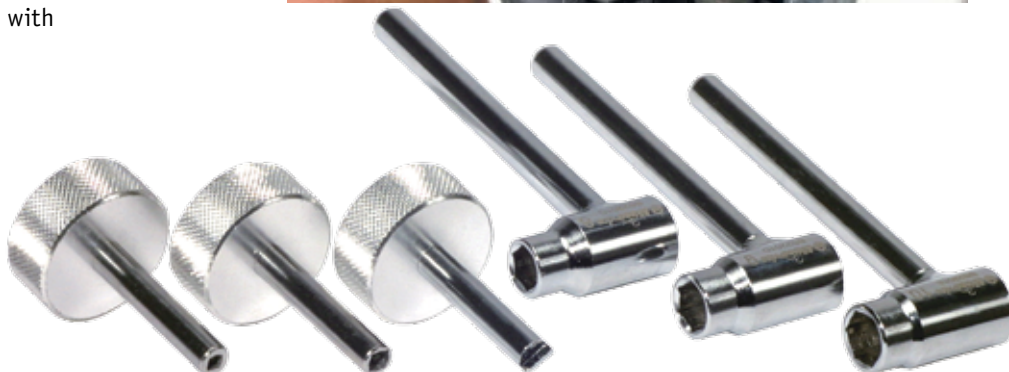
### Tappet Adjusting Tool Set (6 piece)

- Set includes three sockets, 8mm, 9mm, 10mm and three adjusters: flat screw type and 3 & 4 mm square-type
- Interchange adjusters and wrenches for nine different combinations
- Fits most motorcycles and ATVs with screw-type tappet adjustments



#### Contents

Part No.	Description
BS2201A	3mm Square
BS2201B	4mm Square
BS2201C	8mm Hex
BS2201D	9mm Hex
BS2201E	10mm Hex
BS2201F	Flat Screw



BS2201A BS2201B BS2201F BS2201C BS2201D BS2201E

## BS3032

### Piston Ring Compressor Set

- Pliers can be used parallel or perpendicular to the cylinder block, angle operation designed pliers
- Ratcheting function handle holds the compressing bands in position for easy removal and installation of piston rings
- Installs piston rings from 35mm - 111mm (1<sup>3</sup>/<sub>8</sub>" - 4<sup>3</sup>/<sub>8</sub>" )



## BS3039

### Piston Ring Pliers

- Tapered jaws hold and expand piston rings easily over piston
- Ratcheting function handle holds piston rings steady during removal and installation



## Piston Locating Tools

- Insert the tool until it touches the top of piston via the spark plug hole when the piston is at bottom of stroke
- Once installed, it holds the crankshaft in place at top dead centre
- POM tip prevents piston damage



**BS2250** M10 x P1.0

**BS2251** M12 x P1.0

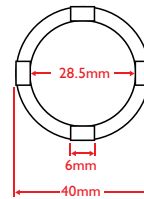
**BS3074** M14 x P1.25



## BS2493

### Starter Gear Nut Wrench

- Removes the starter gear from the engine crankshaft. The offset opening engages the nut without engaging the shaft
- 28.5mm x 40mm - 4 point x 65mm (depth)
- 1/2" Sq.Dr.



## BS2300

### Crankcase Separator Tool Set

- Suits most two and four stroke engines that have a vertically split crankcase
- Moveable fingers allow for a multitude of bolt patterns
- Includes mounting bolts, centre pulling bolt and three leg frame



# ENGINE SERVICE

**BS2302**

## Timing Plug Wrench

- Designed for removal and replacement of straight slot timing and inspection plugs
- Suits Honda, Kawasaki, Suzuki, Yamaha etc
- Blade sizes 16mm (5/8"), 22mm (7/8") and 38mm (1 1/2")



## Carburetor Adjusting Drivers

- Finger snap driver handle makes sensitive carburetor adjusting work easier

Part No.	Description	Length
<b>BS0231</b>	Parallel Tip Slot Screwdriver 4mm	250mm
<b>BS0059</b>	D Type Socket Driver	165mm



## Stud Remover and Installer Tool

- Easily removes and installs studs without damaging the thread
- Suitable for most popular thread stud sizes



**BS2311**

M6 x P1.0  
BS2311A Remove tool  
BS2311B Install tool



**BS2312**

M8 x P1.25  
BS2312A Remove tool  
BS2312B Install tool



**BS2313**

M10 x P1.25  
BS2313A Remove tool  
BS2313B Install tool



**BS2314**

M10 x P1.5  
BS2314A Remove tool  
BS2314B Install tool



**BS2460**

## Starter Flywheel Puller

- Removes the starter flywheel from the engine crankshaft firmly engages the shaft
- Size: 110mm long with 24mm x 1.00 pitch diameter female thread
- Use with 3/8" Sq.Dr. or 19mm hex spanner and 30mm hex spanner
- Suits Honda, Kymco, Sym



**BS3913**

## Flywheel Puller Kit

- Removes clutch bodies, flywheel and primary gears



**BS9950**

## 6 in 1 Magneto Flywheel Puller

- Specially designed tool for the standard AC flywheel wheel ring
- 6 sizes to fit most motorcycle magneto flywheel threads
- Since some flywheels are the taper lock style, they can only be disengaged using this specialist tool
- Use with a soft face hammer for quick removal from tapered shafts



M14 x 1.5 RH  
External Thread

M18 x 1.5 RH  
External Thread

M16 x 1.5 RH  
External Thread

M27 x 1.0 LH  
External Thread

M24 x 1.0 RH  
External Thread

M10 x 1.25 RH  
External Thread

## Magneto Flywheel Pullers

- Thread puller designed for fixed-point type magneto flywheels



**Hollow Type BS2421**

M18 x P1.5  
ID 12mm  
L 16mm  
RH External  
Thread



**BS2422**

M18 x P1.5  
ID 14mm  
L 32mm  
RH External  
Thread



**BS2423**

M20 x P1.5  
ID 14mm  
L 15mm  
RH External  
Thread



**BS2424**

M20 x P1.5  
ID 14mm  
L 30mm  
RH External  
Thread



\* Make and model number application listing refer to page 59-67

# FLYWHEEL SERVICE

## Magneto Flywheel Pullers

- Thread puller is specially for fixed-point type magneto flywheels
- Chrome alloy steel ball tip on shaft to reduce friction stress during disassembly
- 1/2" Sq.Dr. (21mm Hex)



<b>BS2401</b> M14 x P1.5 RH External Thread L-65mm	<b>BS2402</b> M16 x P1.5 RH External Thread L-65mm	<b>BS2403</b> M18 x P1.5 RH External Thread L-65mm	<b>BS2404</b> M20 x P1.5 RH External Thread L-45mm	<b>BS2405</b> M22 x P1.5 RH External Thread L-45mm
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## Magneto Flywheel Pullers

- Pullers with outer thread for magneto flywheels
- Chrome alloy steel ball tip on shaft to reduce friction stress during disassembly
- 1/2" Sq.Dr. (21mm Hex)



<b>BS2441</b> M19 x P1.0 RH External Thread L-15mm	<b>BS2475</b> M20 x P1.0 RH External Thread L-15mm	<b>BS2476</b> M22x P1.0 RH External Thread L-15mm	<b>BS2477</b> M22 x P1.5 RH External Thread L-15mm	<b>BS2442</b> M24 x P1.0 RH External Thread L-15mm
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<b>BS2478</b> M24 x P1.5 RH External Thread L-15mm	<b>BS2470</b> M26 x P1.0 RH External Thread L-15mm	<b>BS2479</b> M26 x P1.5 RH External Thread L-15mm	<b>BS2443</b> M27 x P1.0 LH External Thread L-15mm	<b>BS2444</b> M27 x P1.25 RH External Thread L-15mm	<b>BS2472</b> M28 x P1.0 RH External Thread L-15mm	<b>BS2471</b> M28 x P1.5 RH External Thread L-15mm	<b>BS2473</b> M30 x P1.5 RH External Thread L-15mm	<b>BS2474</b> M33 x P1.5 RH External Thread L-15mm
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\* Make and model number application listing refer to page 59-67



## Magneto Flywheel Pullers

- Designed for outer thread magneto flywheels
- Chrome alloy steel ball tip on shaft to reduce friction stress during disassembly
- 1/2" Sq.Dr. (21mm Hex)



<b>BS2483</b> M24 x P1.0 RH Internal Thread	<b>BS2461</b> M24 x P1.5 RH Internal Thread	<b>BS2462</b> M26 x P1.0 RH Internal Thread	<b>BS2484</b> M28 x P1.0 RH Internal Thread	<b>BS2463</b> M30 x P1.5 (20ID, 60L) RH Internal Thread	<b>BS2469</b> M35 x P1.5 RH Internal Thread
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<b>BS2464</b> M30 x P1.0 RH Internal Thread	<b>BS2485</b> M30 x P1.25 RH Internal Thread	<b>BS2465</b> M30 x P1.5 (52ID, 85L) RH Internal Thread	<b>BS2486</b> M32 x P1.5 RH Internal Thread	<b>BS2467</b> M33 x P1.5 RH Internal Thread
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<b>BS2487</b> M35 x P1.0 RH Internal Thread	<b>BS2468</b> M35 x P1.5 RH Internal Thread	<b>BS2488</b> M38 x P1.5 RH Internal Thread	<b>BS2489</b> M42 x P1.5 RH Internal Thread	<b>BS2494</b> M50 x P1.5 RH Internal Thread
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\* Make and model number application listing refer to page 59-67

# OIL SERVICE



**BS8006**

## Portable Oil Drain Can 4L

- Heavy Duty
- Screw cap for storage and evacuation
- Loosening the side screws assists in the oil-changing process
- Ensures safe transportation and storage without spillage



**BS6656**

## Universal Oil Filter Wrench (3 Leg)

- Allows easy removal of cartridge style oil filters even in tight locations
- Vinyl dipped legs minimise filter damage
- Suits filters 63mm-99mm diameter
- 3/8" Sq.Dr.



**BS2551**

## Flexible Spout Funnel

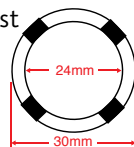
- Aluminium spout funnel for fluid and oil transfer
- Flexible shaft (600mm)



**BS2501**

## Oil Filter & Clutch Hub Spanner

- 4-prong socket 3/8" Sq.Dr.
- Suits oil filter and clutch hub on most Honda models
- Heat treated steel





## Cup Style Oil Filter Wrenches

- Made from Alloy Steel
- Workable up to 85 ft. lb of torque
- Fluted cup style grips firmly and eliminates potential damage to the filter
- Individually packaged



Part No.	Description	Size
<b>BS6661</b>	Benelli, Buell, Kawasaki, MV Agusta, Triumph, Yamaha and Honda OEM No. 15410-MM9-003, application oil filter No. PH6017	65mm-14Flute
<b>BS6662</b>	Honda, Yamaha, Kawasaki, Yamaha, application oil filter No. PH6607, PH4386 and PH4967	67mm-14Flute
<b>BS6663</b>	Aprilia, Bimoto, Cagiva, Kawasaki, Kymco, Triumph, Suzuki, application oil filter No. Suzuki Part No. 16510-06B00, other No.S 10-55660, 10-55670	68mm-14Flute
<b>BS6664</b>	Harley-Davidson, Honda, Kawasaki, Suzuki, application oil filter No. 10-82411, 1007800 and No. 10-07700 for Harley-Davidson, PH6022, PH6010	74mm-15Flute
<b>BS6665</b>	BMW, Harley-Davidson, Ducati Part No. S 090549960, Moto Guzzi Part No. 2314900	76mm-8Flute
<b>BS6666</b>	Aprilia, BMW, Gilera, Malaguti, Peugeot, Piaggio	76mm-12Flute
<b>BS6667</b>	BMW Part No. S 11421, No. S 460845, Harley-Davidson Part No. 63805-80A, No. 63806-83, Honda, Suzuki, Kawasaki	76mm-14Flute Window
<b>BS6668</b>	Harley-Davidson, Honda, Kawasaki, Suzuki, application oil filter No. PH6010A, PH6011, PH6016	76mm-15Flute
<b>BS6669</b>	Honda Part No. 15410-MJO-003, No. 15410-MB0-003 and No. 15410-MJO-004, Kawasaki Part No. 16097-1054, Suzuki Part No. 165-05A00, other oil filter No. PH6811 and PH8212	80mm-15Flute
<b>BS6670</b>	Honda Part No. 51334	82mm-15Flute

Reference to manufacturers part numbers are solely for identification purposes

### BS6660

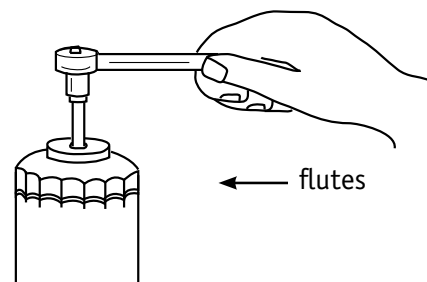
## Cup Filter Wrench Set 10 Piece

### Contents

Part No.	Quantity
<b>BS6661</b>	1
<b>BS6662</b>	1
<b>BS6663</b>	1
<b>BS6664</b>	1
<b>BS6665</b>	1
<b>BS6666</b>	1
<b>BS6667</b>	1
<b>BS6668</b>	1
<b>BS6669</b>	1
<b>BS6670</b>	1

### Selection of Cup Style Oil Filter Wrenches Measuring Oil Filters and Flutes

- Diameter – measure across the flat sides of the Flutes (not points)
- Flutes – count the number of flat sides to establish the number of flutes



# COOLING SYSTEM SERVICE

**BS0244**

## Cooling System & Radiator Pressure Test Set

- Hand operated pump builds and displays pressure quickly to locate leaks in cooling and radiator systems
- Convenient push-button valve safely relieves pressure when testing is completed
- Tests both cooling system and radiator caps
- Kits suits most makes and models including Triumph, Ducati, BMW, Aprilia, Honda, Kawasaki, Suzuki, Yamaha and KTM



Testing the Radiator Cap



# HOSE & LINE SERVICE



**BS2110**

## Vacuum Hose Removal Pliers

- Place the black jaw on the tubing or fitting, the sharp jaw will grip the material
- Squeeze the silver jaw to push the vacuum hoses or fuel lines off the tubing or fitting
- Suits 4-13mm hose



**BS2008**

## Flexible Hose Clamp Nut Driver

- Flexible shaft allows access to awkward locations for easy removal and installation of most hose clamps



Storage adaptors inside handle

## Hose Clamp Pliers

- Crimps hose during repairs and maintenance
- Radius jaws prevent damage to hoses
- Lock ring holds hose in sealed position

**BS9041**  
4-28mm  
Suits cooling hoses



**BS9037**  
3.5-18mm  
Suits heater hoses

**BS9036**  
3-12mm  
Suits brakes and fuel lines



**BS9035**  
**Rubber Line Clamp Set (2 piece)**

- Clamps hoses without damage
- Suits fuel, vacuum and brake lines
- Jaw capacity max 20mm

**BS2904**  
**Double Ear Hose Clamp Pliers**

- Crimps double ear hose clamps
- Side and top join applications



**BS3356**  
**Clic-R Type Hose Clamp Pliers**

- Installs and removes Clic-R hose clamps
- Spring loaded gauged steel designed for ease of operation
- Removes clamps as used on BMW and by European manufacturers



# CLUTCH & TRANSMISSION

**BS3112**

## Universal Pulley Holder Wrench Set

- Locking wrench type pulley holder holds clutch hubs, flywheels, gears, pulley and sprockets
- Durable handle and adjustable locking design
- 5 pairs of different size pins to suit many applications
- Jaw capacity 140mm
- Pin working capacity 22mm - 145mm



## Clutch Nut Wrenches

- Removes & replaces motorcycle clutch nuts
- 6 point



**BS9861**  
34mm

**BS9862**  
39mm

**BS9863**  
41mm

**BS9864**  
46mm





## Pulley and Clutch Locking Wrenches

- Pulley locking tool clamps to the pulley
- Prevents pulley rotation while torquing the pulley nut
- Comfortable grip handle

**BS9856**  
32mm  
12 point



**BS9857**  
29mm  
6 point  
Suits Yamaha



**BS9858**  
26mm  
3 point  
Suits Yamaha



**BS9853**

## Pulley Nut Wrench Dual End

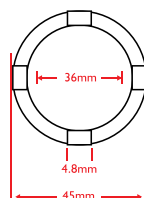
- "T" type dual head pulley wrench is clamped to the pulley and prevents pulley rotation while torquing the pulley nut
- Dual head for quick interchange
- Soft grip handle
- Use with pulley wrench or clutch holder
- Size: 14mm and 17mm Bi-hex - 12 point



**BS9859**

## Pulley and Clutch Lock Nut Wrench

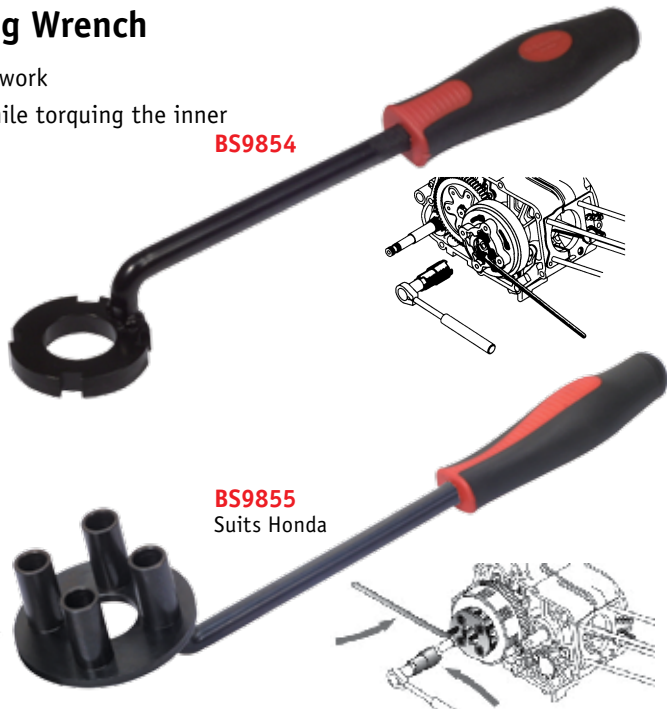
- For removing and replacing the clutch lock nut on motorcycles
- Suits Yamaha



# CLUTCH & TRANSMISSION

## Clutch Outer Holding Wrench

- Holds clutch for inner gear work
- Prevents pulley rotation while torquing the inner gears or nuts



## Counter Balancer & Clutch Hub Sockets

- 4-point and 6-point spanners made of heat treated steel for balancer clutch hub and special engine mount nut removal
- 1/2" Sq.Dr.



Part No.	Description	Depth	Style
BS3000	∅ 21.0mm x 4-Point (5.5mm)	20.0mm	Length 75mm Extension Bar
	∅ 23.5mm x 4-Point (5.5mm)	25.0mm	
BS3001	∅ 20.5mm x 4-Point (6.0mm)	27.5mm	
BS3002	∅ 17.5mm x 4-Point (4.5mm)	75.0mm	
BS3003	∅ 24.0mm x 4-Point (5.5mm)	50.0mm	
BS3004	∅ 12.5mm x 6-Point (3.5mm)	25.0mm	17mm Hex
BS3008	∅ 26.5mm x 4-Point (5.5mm)	20.0mm	Length 75mm Extension Bar
	∅ 30.0mm x 4-Point (5.5mm)	20.0mm	
BS3009	∅ 29.0mm x 4-Point (6.0mm)	30.0mm	27mm Hex



BS3000



BS3001



BS3002



BS3003



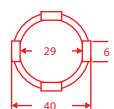
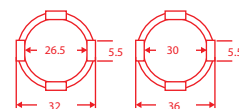
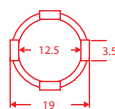
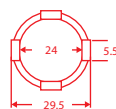
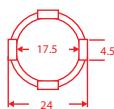
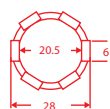
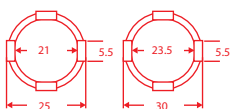
BS3004



BS3008



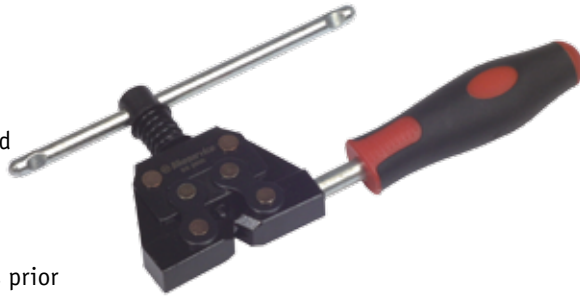
BS3009



**BS3500**

## Chain Extractor

- Spring loaded clamp
- Designed for one-hand chain repair and quick pin release
- Suits No. 5 size chain
- Grind chain pin heads prior to use



**BS1164**

## Drive Chain Tensioner

- Fit tool jaws in chain link ends, tightening of the forcing screw pulls the jaws together to tension the chain for easy removal or installation of the chain connector or master link
- Designed for drive chains found on motorcycles and All-Terrain Vehicles (ATVs)
- Holds chain together in position to leave hands free



**BS3506**

## Chain Link Pliers

- Designed to simplify installation and removal of clip-type master U-Clip chain links



**BS0353**

## Chain Adjusting C-Hook Wrench

- Chrome vanadium hardened steel
- Tempered C-hook wrench is specially designed for use with slotted retaining rings, such as motorcycle monoshock suspension and rear wheel hub's eccentric axle for chain elasticity
- Thin and adjustable hook enables access in confined areas (4mm thickness)
- Size range 118-158mm



# CHAIN & BELT SERVICE

**BS6943**

## Chain Breaking and Riveting Tool Kit

- Versatile enough to be used on cam chains or drive chains
- Breaks chains from #35 to #630
- For chain # 520 and up, it is recommended to grind the rivet head
- Each kit includes 3 pin sizes for most chains
- Features hardened body and redesigned body bolt
- Kit includes press plates
- Recommended for light to medium duty use
- Instruction manual included



**BS3510**

## Chain Breaking and Riveting Tool Kit Heavy Duty

- Breaks presses and rivets chain sizes #415 to #632
- Forged harden alloy steel body with 3 position handle. Suitable for left and right hand use
- Supplied with press plates, punches and anvil
- Suitable for chain sizes #415, 420, 428, 520, 525, 530(50), 532, 630, 632
- Rivets hollow pin master links
- Professional heavy duty
- Instruction manual included



**BS4532**

## Belt Tension Gauge

- Compact design with graduated scale for easy reference
- Designed to work with all belt drive models
- Correct tension is critical, easily and accurately tests belt tension with this gauge





## Bush Drive Sets

- Removes and installs bushes on motorcycles, cars, trucks, tractors, construction equipment, electric motors and many other applications

### BS9144

## Bush Drive Set Metric (17 piece)

### Contains 3 drive handles:

- 11mm x 105mm includes driver (for 10–20mm adaptor)
- 16mm x 130mm includes driver (for 10–20mm adaptor)
- 20mm x 142mm includes driver (for 10–42mm adaptor)

### 14 bush adaptors:

- 10–12mm, 12–14mm, 14–16mm, 15–17mm, 16–18mm, 18–20mm, 20–22mm, 22–24mm, 25–27mm, 28–30mm, 30–34mm, 32–36mm, 35–40mm, 38–42mm



### BS9145

## Bush Drive Set SAE (19 piece)

### Contains 3 drive handles:

- 11mm x 105mm includes driver (for 3/8"–13/16")
- 16mm x 130mm includes driver (for 3/8"–13/16")
- 20mm x 142mm includes driver (for 3/4"–13/8")

### 16 bush adaptors:

- 3/8"–7/16", 7/16"–1/2", 1/2"–9/16", 9/16"–5/8",
- 5/8"–11/16", 5/8"–3/4", 11/16"–13/16", 3/4"–7/8",
- 13/16"–15/16", 7/8"–1", 15/16"–11/16", 1"–11/8"
- 11/16"–13/16", 11/8"–11/4", 13/16"–15/16", 11/4"–13/8"



### BS4326

## Bearing Packer

- Grease stays in the tool cavity, not on your hands
- To pack a bearing, place the bearing on the piston, press down on the cap until the old grease is forced out and the new grease shows on top of the bearing
- Suits bearings up to 89mm



# STEERING & SUSPENSION SERVICE

## C-Hook Wrenches

- Chrome vanadium hardened steel
- Tempered C-hook wrenches are specially designed for use with slotted retaining rings
- Thin hook can access confined areas in motorcycle steering and suspension (4mm thickness)



Part No.	Description
BS0350	19-51mm (3/4" - 2") dia.
BS0351	32-76mm (1 1/4" - 3") dia.
BS0352	51-120mm ( 2"-4 3/4") dia.

## Steering Stem & Front Cap Fork Wrenches

- 8 point wrench for adjustment or removal of the fork cap (cartridge) on dual chamber closed cartridge forks
- Can be used for removal of compression fork caps on motorcycles
- 8 point



## Top Front Fork Nut Wrenches

- Removes or installs top fork nut on glide forks
- 3/8" square drive, allows for torque wrench or ratchet torque tightening
- Suitable for Harley Davidson Sportsters & Big Twins
- 6 point



## Seal and Bearing Retainer Tools

- For rear wheel bearing / seal retainer ring removing and replacing
- This tool allows removal and replacement of the accessory fork cap
- Precision design prevents damage to the retainer ring after peened "stakes" have been removed



**BS4018 12mm Slot**  
 ø 36mm x 4-Pin (Span)  
 Suits Honda



**BS4008**  
 ø 40mm x 4-Pin  
 Suits Honda



**BS4009 12mm Slot**  
 ø 40mm x 4-Pin (Span)  
 Suits Honda and KTM



**BS4010**  
 ø 44mm x 6 point  
 Suits Honda



**BS4011**  
 ø 47mm x 6 point  
 Suits Honda



## Steering Stem & Front Fork Cap Wrench

**BS4001**

- Dual size wrench for compression fork cap adjustment or removal
- Size: 30mm x 32mm - 12 point



## Front Fork Adjusting Wrenches

- Dual size wrench for compression fork cap stack adjustment or removal
- Flat shape head is specific to confined areas during motorcycle service
- 6 point

**BS4000**  
 17mm x 24mm



**BS4002**  
 17mm x 27mm



**BS4006**  
 19mm x 24mm



**BS4003**  
 19mm x 27mm



**BS4004**  
 22mm x 27mm



**BS4005**  
 22mm x 32mm



# STEERING & SUSPENSION SERVICE

## Front Fork Cap Tools

- Removes octagonal front fork caps
- Use with 3/8" Sq. Dr. or 19mm spanner

### BS4030

45mm Octagonal  
Suits SHOWA BPF  
With 45mm octagonal  
fork cap



### BS4031

46mm Octagonal  
Suits SHOWA for caps  
With 46mm octagonal fork caps



### Application

Honda CRF 250R (2010)  
Suzuki RM125/250  
Replaces Suzuki P/No. 09941-53620

### BS4032

49mm Octagonal  
Suits KYB front fork cap



### Application

Honda CRF 450R  
Yamaha YZ125/250, YZ250F/450F  
Kawasaki KC450F

### BS4033

50mm Octagonal  
SHOWA front fork cap



### Application

Honda CRF 250R/450R, CRF 250X/450X  
Suzuki RM125/250, RMZ 250/450  
Kawasaki KC250F  
Replaces Suzuki P/No. 09941-53630

### BS4019

## Ducati Steering Stem Nut Tool

- Ensures correct torque is achieved to the steering head compression nut
- Compatible with 3/8" Sq. Dr. torque wrench
- Suits Ducati motorcycles 1992 on including all 4V Superbikes, Multistrada, Hypermotard and other models with the large diameter steering stem nut
- Used with 3/8" Sq. Dr. and the rubber cushion design eliminates damage to the steering stem nut in the removal and installation process
- Replaces Ducati tool P/No. 888713.1058



## KYB Twin Chamber Fork Compression Valve Tools

- Removes the compression body from the cartridge on KYB twin chamber forks
- Use with 3/8" Sq. Dr. or 19mm spanner

### BS4052

32mm Octagonal  
Suits KYB twin chamber forks,  
Honda CRF 250 and CRF 450



### BS4051

36mm Octagonal  
Suits YAMAHA YZ series  
Replaces YAMAHA P/No. YM-01500



Reference to manufacturers part numbers are solely for identification purposes

**BS9892**

## Steering Tube Bearing Puller Kit

- Use this tool to remove the lower fork stem (separator) tapered bearing
- Tapered fork stem bearing remover features extra thin opening for slot entry between stem and bearing, rod extension can be used on multiple sizes of fork stems



**BS9893**

## Steering Tube Bearing Installer Tool Kit

- The adaptor offers a new, safe approach to lower bearing installation
- Simply choose the correct adaptor, slide the setting driver over the steering tube and tap the bearing into place with a hammer, avoiding any risk of damage
- Adaptor sizes 24, 26, 27, 28, 30mm



# STEERING & SUSPENSION SERVICE

**BS4201**

## Steering Bearing Outer Race Removal Tool

- Easy outer race removal avoiding tube damage
- 4 contact points ensures even race removal
- Suits tube dia Ø39mm-Ø57mm (1½-2¾")
- Length 320mm (12½")
- Remove plastic protection ears prior to use



## Front Fork Dust Seal Drivers

- Detachable hammer enables front fork oil seals with an inner tube to be installed easily and accurately
- Full range of driver sizes to suit most forks (21 sizes)
- For models not listed check seal inner dia and select driver size in table



Ref.	Part No.	Size
1	BS9827Q	27mm
2	BS9827R	30mm
3	BS9827S	31mm
4	BS9827A	32mm
5	BS9827B	33mm
6	BS9827T	34mm
7	BS9827C	35mm
8	BS9827D	36mm
9	BS9827E	37mm
10	BS9827F	38mm
11	BS9827G	39mm
12	BS9827H	40mm
13	BS9827J	41mm
14	BS9827U	42mm
15	BS9827K	43mm
16	BS9827L	45mm
17	BS9827M	46mm
18	BS9827V	47mm
19	BS9827N	48mm
20	BS9827W	49mm
21	BS9827P	50mm



\* Make and model number application listing refer to page 68-83

**BS4100**

## Hydraulic Coil Spring Compression Tool

- Easy operation oil pressure pump designed for suspension assembling and disassembling by compressing the coil spring
- Spacer accessory features flat top to easily interchange to bearing, component assembly
- Operation height: 350mm, width: 20mm-80mm
- Pump stroke range: 135mm



Easy to operate hydraulic gear



Adjusting the gear according to the size of the spring coil

**BS5000**

## Front Fork Vice

- The fork vice is designed to hold round or awkward shaped items including forks, shocks, pistons etc
- Simply bolt vice onto your work area using the pre-drilled mounting holes
- Unique V shape jaws are covered with thick rubber pads to ensure items are held in place without damage
- Four position pin allows for wide range of opening sizes
- Max. opening 100mm
- Made from hardened steel with anodised finish
- Rotary function enables convenient fork access

