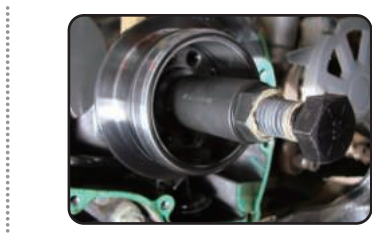




Motorcycle

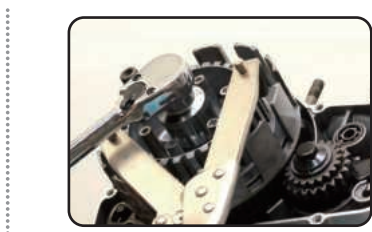
6-1 **Flywheel puller tool**



6-11 **Timing tool**



6-4 **Clutch holder tool**



6-12 **Wheel nut tool**



6-5 **Motorcycle fork / Carburetor tool**



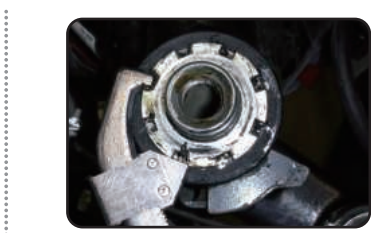
6-13 **Brake tool**



6-7 **Chain / Belt tool**



6-15 **General tool**



6-8 **Valve / Piston / Oil filter tool**



6-20

6-10

10pc Motorcycle flywheel drive puller set



909Y1

 10/17.8/18.8/1.15'  1780g

- Thread sizes:
85 mmL M14 x P1.5; M16 x P1.5; M18 x P1.5
65 mmL M19 x P1.0; M28 x P1.5; M20 x P1.0/M27 x P1.25;
M22 x P1.0/M25 x P1.5; M22 x P1.5/M26 x P1.5;
M24 x P1.0/M27 x P1.0L; M26 x P1.0/M28 x P1.0
- Application:
Yamaha, Suzuki, Honda, Bosch, Ducan, Glera, Sam,
Cagiva, Sfera, Kymco, MBK, Peugeot, Kimoo, Motoplatt,
Kawasaki, Kokusan, Minarelli, Ducati.



Motorcycle flywheel puller M27x1.5



9Y0182

 60/20/21/1.6'  333g

- Designed to remove the motorcycle flywheels.
- Puller includes M27 x 1.5 right hand internal threads,
M12 x 1.25 crankshaft protector cap.
- Application:
Honda: CG125, ML, BIZ100, POP100

Motorcycle flywheel puller M30x1.0



9Y0183

 60/25.5/26.5/1.6'  425g

- Designed to remove the motorcycle flywheels.
- Puller includes M30 x 1.0 right hand internal threads,
M12 x 1.25 crankshaft protector cap.
- Application:
Yamaha: WR 250F (03-08) and WR 450F (03)

Motorcycle flywheel puller M30x1.25



9Y0185



60/25.8/26.8/1.6"



430g

- Designed to remove the motorcycle flywheels.
- Puller includes M30 x 1.25 right hand internal threads, M12 x 1.25 crankshaft protector cap.
- Application:
Honda: CRF450X, CRF450X8

Motorcycle flywheel puller M30x1.5



9Y0186



60/25.4/26.4/1.6"



424g

- Designed to remove the motorcycle flywheels.
- Puller includes M30 x 1.5 right hand internal threads, M12 x 1.25 crankshaft protector cap.
- Application:
Honda: Most 1989-1990 FL400R pilot models.
Kawasaki: Some KLF300 quad models.
Suzuki: Most LT160/230/250, TM125/250/400, 1970's TS250, 2004-2009 DR200 enduro models and most early PE, TS models.
Other: European CZ MX and enduro models.

Motorcycle flywheel puller M28x1.0



9Y0188



60/17.2/18.2/1.6"



287g

- Designed to remove the motorcycle flywheels.
- Puller includes M28 x 1.0 right hand internal threads, M12 x 1.25 crankshaft protector cap.
- Application:
Honda: CRF450X (04-08), TRX450R/ER (06-07)
Kawasaki: KLX450R (08)
Suzuki: RMZ450 (08)

Motorcycle flywheel puller M26x1.0



9Y0187



60/12.8/13.8/1.6"



213g

- Designed to remove the motorcycle flywheels.
- Puller includes M26 x 1.0 right hand internal threads, 12mm shaft protector cap.
- Application:
KTM: 250 RFS, 250SX-F, 400, 450, 520, 525



Motorcycle flywheel puller T bar M27x1.0



9Y0181

60/15/16/1.0'

250g

- Designed to remove the motorcycle flywheels.
- Size: M27 x 1.0.
- Applicable:
 - Honda: CR80R/125R/250R/450R/480R/500R, XL80/100/100S/170, XR100/100R, XR50/CRF50 (00-04), FL250, ATC70/110 (CDI ONLY), ATC185/250R, TRX250R (86-89), TRX90 (93-00), TRX70/125 & EARLY 50cc
 - Suzuki: 125/160EK/250R, DR100/125/200, DS80, ALT185
 - Yamaha: 1968 & later, BW80, RIVA50, PW50, RZ350, TT500, XT500, YFM80/100/200/225, YFS200, YFZ350, YSR50, YT125/175 & YZ400F, YZ450F
 - Kawasaki: KD/KX/KDX80, KM100, KS100, KS125
 - KTM: 65SX (99-04), 85SX (04), 105SX (04), 200 EXC/MXC (98-05), 125/250 SX/EXC/MXC (98-05) & 250/300/380 SX/EXC/MXC (97-05)

Flywheel puller with external threads

NEW



9Y0189

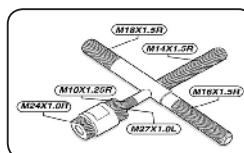
36/21.5/23/2.1'

600g

- For removal of motorcycle flywheels with internal threads.
- Threads M10, M14, M16, M18, M24 are right-handed, M27 are left-handed.

Advantages:

- The tool has 6 different sizes of external threads, thus enabling coverage of the majority of motor types that have a flywheel with an internal thread.
- Allows flywheel removal without pulling motor from the hull.
- On each axis, there is an attachment for an open-end wrench that makes the removal of the magnet easier.



Flywheel puller for DUCATI



902Y1

 24/12/13/0.7"

 500g

- Designed to remove the motorcycle flywheels.
- Applications:
Ducati 250/350/450 and most later bevel single wide-case models.

Clutch holding tool



9Y0101

 20/14/15/1.2"

 700g

- Made from medium carbon steel with hardened jaws
- Holds clutch hubs, flywheels, gears, sprockets, etc.
- Features spanner pins
- Jaws open to 5" wide



Rotor and sprocket holder



9Y0111

 36/20.5/22.0/2.1"

 569g

- Keeps flywheels, rotors and sprockets from rotating during removal and installation.
- Holds sprockets and rotors with holes center-to-center at a minimum distance of 1/2" (13 mm) and a maximum distance of 9" (230 mm).
- Features 5 mm and 9 mm pins.
- Adjustable stop screw keeps tool open at set distance.



Universal fork seal driver



903Y1

 20/20.24/21.24/0.62'  1012g

- Designed for easy installation of most fork seals.
- Works on either conventional or inverted forks.
- Unique adjustable insert will work on dia. 26 to 45 mm.



Motorcycle fork cap wrench (46x50)



9Y0121

 48/16/17/0.74'  334g

- For removing the fork caps on late-model RMs & CRs
- Can be used for removal of a compression stack on late-model RMs
- Replaces Suzuki OEM 09941-53630
- One end is 46 mm, the other is 50 mm
- Also fits 2010 Honda CRF250R

Fork compression valve removal tool

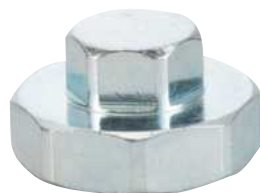


9Y0122

 144/7.5/9/1.5'  52g

- Ideal tool to remove the compression valve from cartridge.
- 19 mm drive hex with 36 mm octagon.
- Made of 6061-T6 aluminum.
- Applications:
Honda: CRF250R (10-12), CRF450R (09-12),
Kawasaki: KX 450F (09-12)
Yamaha: YZ 125/250 (05-12), YZ 250F/450F (06-12)

Twin chamber KYB compression valve wrench



9Y0146

 144/17/18.5/1.0'  118g

- This tool removes the compression body from the cartridge on twin-chamber KYB forks.
- Applications:
Yamaha: YZ 125/250 (05-09), YZ 250F/450F (06-09)



3/8"DR. Fork damper rod holder



9Y0123

96/14.5/16/1.3'

151g

- Ideal tool to hold damper rod when disassembling and assembling front forks.
- It provides a secure method of holding the inner damper rod while removing the bolt from the bottom of the fork leg on Kawasaki models.
- Applications: KZ, ZS, KX and KDX front fork dampers.



Angle driver for motorcycle carburetor



910Y1

12/11/12/2.1'

916g

- Deep-access tool particularly suited to adjustment of motorcycle carburetor.
- One turn of handle equals one turn of blade.
- 90° and straight gear-boxes.
- Furnished with set of driver bits.

Carburetor synchronize tool set



919G2

6/20/21/2.25'

3330g

- For testing fuel pump carburetor and transmission check auto with 2-4 pc carburetors.
- Gauge:
Pressure: 0-15 PSI, 0-1 kg/cm²
Vacuum: 0-28 in-Hg (0-70 cm-Hg)

Contents:

- 4pc 3-1/2" Synchronizer gauges with fixed plate
- 4pc Rubber hose 8 x 5 x 750 mm
- 4pc Extension tube 3.9 x 52 mm
- 4pc Extension tube 3.9 x 122 mm
- 8pc Cone type connector 8 x 40 mm
- 4pc Adapters 10 x 53 mm (M6 x 0.75)
- 4pc Adapters 10 x 60 mm (M6 x 1.0)



Chain breaker and riveting tool set



 24/18.5/19.5/1.6' 770g

- ## Chain breaker and riveting tool set

 20/17.7/18.7/1.62' 886g

-

 48/16.9/7.9/2.3' 145.5g

-

 48/12/13/2.0' 252g

- 

Motorcycle chain brush



9Y0133

72/8.5/10.0/3.6"

118g

- Composite, angled chain brush features adjustable brush adaptors to fit various size chains.
- Suitable for use on all chain types.



Motorcycles belt tension gauge



9Y0141

240/18.0/19.5/1.6"

75g

- This tool can be used to adjust belt tension on most motorcycles equipped with a secondary drive belt.
- This tool provides a simple way to firm the belt for proper tension.



Tappet adjusting tool set

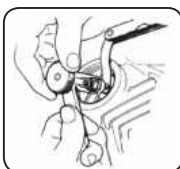


9Y0142

48/12.5/13.5/0.6"

260g

- Set contains three wrenches (8, 9 & 10 mm) and three adjusters (screw type and 3 & 4 mm square type).
- Interchangeable adjusters and wrenches provide nine different combinations.
- Ideal for most marks and models of motorcycles, ATVs and ATCs.
- Applications:
Honda: All ATC's and motorcycles with 4-cycle engines and screw type adjusters.
Yamaha: SR 185/250, XT/TT250, XS400, ST185
Suzuki: All 4-cycle ATV's and motorcycles with screw-type adjusters.
- Any tappet adjuster with 8, 9 or 10 mm adjusting nut and 3 or 4mm square or slotted adjuster.



Large tools work on valves of 4-valve-per-cylinder heads

9Y0143

 36/13/14/0.6'

 361g



- Used to install valve spring keepers.
- Replaces the large cumbersome valve spring compressor.
- These tools are aimed at saving time when replacing valves in modern 16 to 20 valve head.
- Designed to fit the valves of 4-cylinder heads (5.5 mm valve stem diameter or larger with under 40 lbs).



Small tools work on valves of 4-valve-per-cylinder heads

9Y0143B

 36/15/16/0.6'

 420g



- Used to install valve spring keepers.
- Replaces the large cumbersome valve spring compressor.
- This tool is designed to save time in replacing valves of modern 16 to 20 valve heads.
- This tool works on valves of 4- or 5- valve-per-cylinder heads. (Valve stem diameter of 5 mm or smaller)

Valve spring compressor

62110

 10/17/18/2.2'

 1602g



- These tools are designed to compress and release valve spring after removing the collets. Pantograph-type levers ensure a consistent coaxial contact with the valve.

Contents:

5pc Driving adaptor 16, 19, 23, 25, 30 mm

3pc Pressure screw 70, 110, 120 mmL

1pc C Clamp



Piston ring pliers



62002



144/18/19/2.15'



135g

- Save by reducing ring breakage.
- Tapered jaws to remove and install most passenger car and light truck rings from 3/64" to 1/4" (1.2 mm - 6.3 mm).



Piston ring compressor tool



62005



60/16.23/17.23/2.0'



290g

- Designed to prevent ring breakage during cylinder installation.
- It can easily be removed after cylinder is in position.
- Tool supplied with 6 rings to be applicable to most engine sizes.
- Fits 35-73 mm

Piston ring compressor for Motorcycle



6202080



50/7/8/0.89'



140g

- For easy insertion of piston into cylinder bore and even compression over full ring length.
- Ratchet mechanism.
- Capacity: 40-80 mm diameter.

Oil filter wrench



9B0701



48/18.1/19.1/1.7"



380g

- Steel jaw grips filter without slipping.
- Use with 3/8" drive.
- Suitable for filter 2-1/2" to 3-1/8" (60 m/m - 80 m/m).



■ Timing and crankshaft turning tool for DUCATI



9Y0301



36/18.0/19.5/1.9'



500g

- Ideal tool to turn timing mark on the degree wheel for perfect valve adjustments.
- It makes ignition timing work to be performed well.

• Applications:

Ducati Monster/Multistrada:

600/620/748/750/800/848/851/888/900/916/996/
998/999/1000/1098/1198



■ Engine rotating tool for DUCATI



9Y0302



96/12.5/13.5/0.6'



130g

- It allows you to rotate your engine easily and safely while checking the valve clearances or setting the timing.
- Applications: Ducati Monster 748/996/999/SS



■ Timing and crankshaft turning tool for DUCATI



9Y0303



36/14.5/16.0/1.1'



403g

- It allows you to attach through the primary cover access hole and fit into the crankshaft notch for ignition timing work accuracy.
- It is also suitable for mounting most available degree wheels.
- Applications:
Ducati 250/350/450/750

■ Cam holder for DUCATI



9Y0305



20/19.2/20.2/0.43'



960g

- This tool helps you to loosen the cam gear nut easily.
- Applications:
Ducati 250, 350, 450, 750 single twin bevel.

Spark plug cap removal tool for BMW



9Y0306



144/7.5/9.0/1.8"



52g

- This tool works on R and F series coil-over bikes.
- It is designed to slip onto the cap from the front and that allows you to remove the spark plug cap without damaging it.
- If the cap is very difficult to remove, choose a proper bar, slip it through the 1/4" hole on the tool and then you can pry the cap loose easily.
- Applications:
All R1150 from Dec 2002 production
R1200C, R1200C I/M, R1200 Montauk from October 2002 production
All R1200 from model year 2003 and newer
R1100S from December 2002 production
All F Twins

4-in-1 Hex axle tool



9Y0151



100/17/18/0.6"



170g

- Fits internal hex on many late-model sport-bike axles and some dirt bikes.
- Four metric hex sizes: 17, 19, 22 and 24 mm.
- 3/8 in. square drive on both ends.
- Applications:
BMW: R1200GS, R1200 RT
Buell: XB9R, XB9S, XB12R, XB12S (03-04)
Honda: CBR600RR, CBR1000RR
Kawasaki: ZX6R, ZX6RR, ZX600E/K, ZX7R, ZX9R, Z1000
Suzuki: GSXR (00-04), DL 1000 V-Strom (all), SV1000
Yamaha: R1, R6

Motorcycle spindle tool



9T1403



100/13.6/14.6/1.5"



136g

- Use a socket on the free end to remove spindle.
- 24 mm for Suzuki/Honda
- 22 mm for Kawasaki
- 19 mm for Yamaha



MOTORCYCLE





Front and Rear wheel nut tool set



909Y2

15/16.5/18.5/1.4' 1100g

- The combined socket is two sizes in one, a 55 mm 12pt for the rear and a 28 mm 6pt for the front.
- The other sockets size as follow:
41 mm/46 mm 12pt for the rear wheel
30 mm 6pt and 28 mm 12pt for the front wheel
- All sockets with 1/2" drive.



Spoke wrench

NEW



Part no.	size	<i>l</i> mm	packing	g
608A0809	8 x 9	130	600/26.7/27.7/0.65'	42.8
608A0910	9 x 10	130	600/27.0/28.0/0.65'	43.5
608A1011	10 x 11	130	600/27.2/28.2/0.65'	43.6

Brake piston detaching tool for motorcycle



9Y0201

30/8.1/9.1/2.1' 270g

- To detach a piston from the disc brake base of a motorcycle
- Ratcheting handle allows the operator to replace a piston conveniently
- Jaw adjustment: 30-33 mm.
- Length: 240 mm.



Parking brake piston socket for YAMAHA



9Y0202

 240/16/18/1.8'

 67g

- Material: Heavy duty Cr-Mo steel construction
- Applications:
Yamaha: Majesty (07-11), Maxam (05-10), Tmax (05-10)
Grand Majesty 400 (05-09),
Grand Majesty 250 (04-07).

Parking brake piston socket for HONDA / SUZUKI



9Y0203

 240/14/16/1.8'

 58g

- Material: Heavy duty Cr-Mo steel construction
- Applications:
Suzuki: Skywave 250 (07-11), Skywave 400 (07-11)
Honda: Forza (00-03)

Brake fluid bleeder bottle



9Y0161

 10/2/3/1.3'

 200g

- Bleeder bottle capacity: 0.5 L





Honda oil filter and clutch hub spanner



9Y0145

240/12.5/14.5/1.6' 52g

- Designed for oil filter and clutch hub on many Honda models (single-cylinder and twin-cylinder machines).
- 3/8" driver and 24 mm inside diameter.
- Applications:
Most pre-1978 CB, CL, CT, SL and XL models,
XR200 (80-84), XR200R (81-94),
XR250L (91-94), XR250R (86-95).
- Replaces large end of 077160020100 OEM tool.

Adjustable spanner wrench



9U0701

48/16.1/17.1/1.1' 335g

- For use on slotted retaining rings.
- Adjustable from 1/2" to 2-3/4".



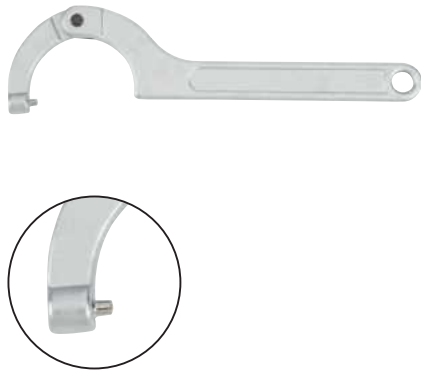
Fixed type adjustable hook wrench



823	Size		
Part no.	mm	packing	g
823035	15-35	60/7.4/8.4/0.7'	110
823050	35-50	60/12.5/13.5/0.96'	210
823080	50-80	40/17.4/18.4/0.96'	425
823120	80-120	24/17.6/18.6/0.96'	750
823180	120-180	12/17.0/18.0/1.4'	1400

- For use on slotted retaining rings.

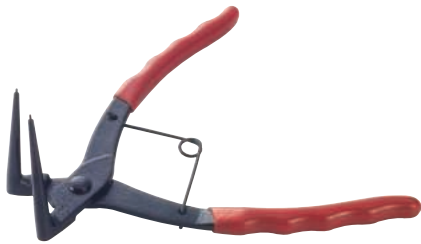
Pin type adjustable hook wrench



823A	Size		
Part no.	mm	packing	g
823A035	15-35	60/6.6/7.6/0.7'	110
823A050	35-50	60/12.6/13.6/0.96'	210
823A080	50-80	40/17.0/18.0/0.96'	425
823A120	80-120	24/18.0/19.0/0.96'	750
823A180	120-180	12/16.8/17.8/1.4'	1400

- For use on slotted retaining rings.

Internal snap ring pliers (long arm)



9U0102

 48/9.5/11.0/2.0'

 198g

- Special design for the retaining ring in the deep hole.
- The most deep size: 56 mm.

Stud extractor



818A

 30/16.9/17.9/0.55'

 560g

- Socket 1/2"DR. Stud extractor.
- For remove threaded, stripped, rusted, broken and smooth studs.
- Stud range: 6-19 mm (1/4" - 3/4")



T-shaped hex socket driver



774...A		<i>l</i>	<i>l</i>		
Part no.	Tip	blade	width	g	pc/box
77406A	6	300	200	220	10
77407A	7	300	200	220	10
77408A	8	300	200	279	10
77409A	9	300	200	285	10
77410A	10	300	200	294	10
77411A	11	300	200	318	10
77412A	12	300	200	328	10
77413A	13	300	200	346	10
77414A	14	300	200	422	10
77415A	15	300	200	480	10
77416A	16	300	200	510	10
77417A	17	300	200	542	10
77418A	18	300	200	600	10
77419A	19	300	200	620	5
77420A	20	300	200	650	5
77421A	21	300	200	715	5
77422A	22	300	200	715	5
77424A	24	300	200	702	5
7741.4A	1/4"	300	200	220	10
7745.16A	5/16"	300	200	279	10
7743.8A	3/8"	300	200	294	10
7747.16A	7/16"	300	200	318	10
7741.2A	1/2"	300	200	342	10
7749.16A	9/16"	300	200	422	10
7745.8A	5/8"	300	200	510	10
7743.4A	3/4"	300	200	620	5

Adjustable T-shaped hex socket driver



774...B		<i>l</i>	<i>l</i>		
Part no.	Tip	blade	width	g	pc/box
77407B	7	220	200	190	10
77408B	8	240	200	195	10
77409B NEW	9	240	200	252	10
77410B	10	260	200	265	10
77412B	12	260	200	380	10
77413B	13	260	200	380	10
77414B	14	260	200	385	10
77417B	17	290	250	500	5
77419B	19	290	250	580	5
77422B	22	315	250	715	5

Tire lever



750	<i>l</i>		
Part no.	mm	packing	g
750200	200	100/14.6/15.6/0.56'	162
750300	300	120/31.6/32.6/0.60'	260
750380	380	60/22.9/23.9/0.50'	360
750380B	380	60/22.9/23.9/1.20'	368
750500	500	30/22.0/23.0/0.69'	732
750525B	525	30/24.0/25.0/0.69'	800
750650	650	20/23.2/24.2/0.54'	1160
750650B	650	20/21.8/22.8/0.70'	1160

12pc 3/8"DR. Impact socket set



3126		6/15.6/16.6/1.54'		2600g
	7pc	8, 10, 12, 13, 14, 17, 19 mm		
	1pc	3/8"DR. Ratchet impact wrench Max. 100 Nm (82431)		
	2pc	Ball type 3" (75 mm), 6" (150 mm)		
	1pc	Ball type 3/8"		
	1pc	Ball type 3/8"(F) x 1/2"(M)		

3/8"DR. Ratchet impact wrench

NEW



82431	<i>l</i>		
Part no.	mm-inch	g	pc/box
82431	250-10"	1298	1

Specifications:

Length: Square Drive	3/8"
Free Speed (R.P.M.)	160
Max Torque (ft/lbs) / (Nm)	74 / 100
Air Pressure (PSI)	90
Air Inlet (P.T.)	1/4"
Air Consumption (C.F.M.)	7.1





3-Drawer chest with 97pcs tools (Motorcycle)

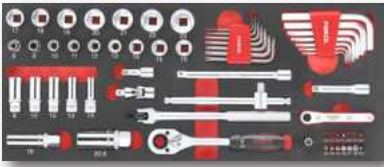


50223S-97 1/19.87/20.87/2.2'

DT
DB1
DB2
DB3



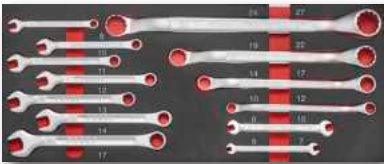
DT



DB1



DB2



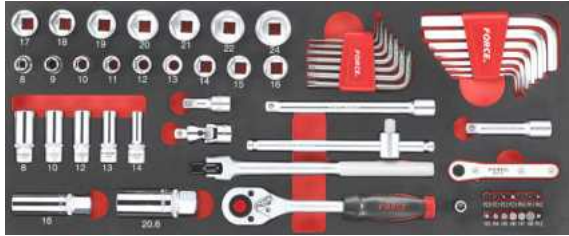
DB3

DT (50223S-97)



	1pc	6044190 Pin punch 4 (190mmL)
	1pc	6046210 Pin punch 6 (210mmL)
	1pc	610B160 Long nose pliers 6.3" (160mm)
	1pc	611B200 Combination pliers 8" (200mm)
	1pc	612B160 Diagonal pliers 6.3" (160mm)
	1pc	616200 Engineer hammer 200gw
	1pc	61702 Flexible magnet pick-up tool 20" (510mm)
	1pc	618 Feeler gauges of 20 sizes
	1pc	6983 Technician's scissors 145mmL
	1pc	750300 Tyre lever 300mmL
	1pc	750380 Tyre lever 380mmL
	1pc	88001 Round magnetic tray Ø150mmL
	1pc	88423A Circuit voltage tester
	1pc	9U3001 Brass & nylon scrape brushes 3"(75mm)

DB1 (50223S-97)



3/8"DR. Part

	16pc	8; 9; 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 20; 21; 22; 24 mm
	5pc	8; 10; 12; 13; 14 mm (46mmL)
	2pc	Magnetic spark plug 16; 20.6 mm
	1pc	QR thin pear ratchet handle 24teeth (80233)
	1pc	8.5"(215mm)
	3pc	1.75"(44mm); 3"(75mm); 6"(150mm)
	1pc	6.5"(165mm)
	1pc	3/8"

Bits

	4pc	1/4" PH.0; PH.1; PH.2; PH.3 (25mmL)
	4pc	1/4" PZ.0; PZ.1; PZ.2; PZ.3 (25mmL)
	6pc	1/4" 3; 4; 5; 6; 7; 8 mm (25mmL)
	1pc	Ratchet 1/4" in hex 5.1"(130mm) (802214)
	1pc	Magnetic 1/4"DR.x1/4"(F)

Others

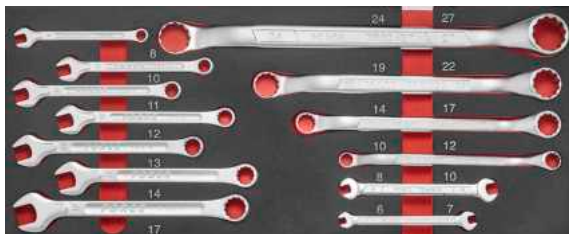
	4pc	T10; T15; T20; T25; T27; T30; T40 (5071)
	4pc	2.5; 3; 4; 5; 6; 8; 10 mm (5072)

DB2 (50223S-97)



	1pc	PH.2 (25mmL)
	3pc	PH.1 (80mmL); PH.2 (100mmL); PH.3 (150mmL)
	1pc	6.5mm (25mmL)
	4pc	4mm (100mmL); 5.5mm (125mmL); 6.5mm (150mmL); 8mm (175mmL)
	1pc	Waterpump pliers 10"(250mm) (613B250)

DB3 (50223S-97)



	2pc	6x7; 8x10 mm
	7pc	8; 10; 11; 12; 13; 14; 17 mm
	4pc	10x12; 14x17; 19x22; 24x27 mm

