6pc Brake spanner set

50612

Contents:

6-Brake spanner

6080610	1/4"Sq. - 10mmSq.
6080608	1/4"Sq. - 5/16"OE
6080810	8mmHex - 10mmHex
6080911	9mmHex - 11mmHex
6080607	1/4"Hex - 7mmHex
6081109	7/16"OE - 11/32"Sq.

30/17.8/18.8/1.3’ 593g

Brake spanner

608

Part no.	Size	l mm	g	pc/box
6080610	1/4"Sq.-10mmSq.	175	82	10
6080608	1/4"Sq.-5/16"OE.	175	84	10
6080810	8mmHex.-10mmHex.	175	82	10
6080911	9mmHex.-11mmHex.	175	87	10
6080607	1/4"Hex.-7mmHex.	175	84	10
6081109	7/16"OE.-11/32"Sq.	175	85	10
6081114	7/16"OE.-9/16"OE.	175	102	10
6081113	11mmOE.-13mmOE.	175	103	10
6081011	10mmOE.-11mmOE.	175	92	10

Drum brake spring pliers

9B0101

- One end hooks on the spring, the floating cap with hooks grips.
- On the lining fastened to the brake shoe.
- Use for two brake return spring system.
- Can use for most of the commercial and industrial vehicles.

36/18.0/19.0/2.5’ 500g

Brake spring pliers

9B0102

- Designed by professional mechanics to remove and replace springs.
- Thin narrow points with “Straight-In-Line” pull on spring.
- Includes special socket for application on all hydraulic brakes.

24/9.8/10.8/1.6’ 410g

Handbrake cable spring pliers

9B0104

- For compression of the retaining spring on the handbrake cable.
- This tool allows quick and problem-free removal and installation of the handbrake cable.
- Application: VW, AUDI, BMW, CITROEN, NISSAN, PEUGEOT, RENAULT, ROVER, SEAT, etc.

72/16.4/17.4/1.6’ 230g

Drum brake spring pliers

9B0105

- Designed to remove the brake return spring. One end grips on the brake lining and the other hooks on the spring.

72/20.0/21.0/1.2’ 280g

Headlight adjusting and brake spring hook

9B0304

- This tool made from heat-treated alloy steel is especially designed for removing and installing hard-to-reach headlight adjusting and brake springs.

120/9.0/10.0/1.7’ 75g

Brake spring washer pliers

9B0107

- Universal application for nearly all drum brakes.
- Special neck angle provides easy removal and installation of brake spring washer.
- Length:180.5mm.
- Heat treatment:HRC43°~46°.
- Max Angle:50°.

40/10.0/11.0/1.05’ 250g

Brake spring pliers

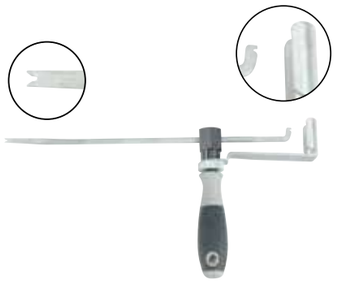
9B0109 NEW

- To remove or install the brake shoes, the brake shoe retaining spring must be pre-tensioned.
- Suitable for Mercedes A-Class, Citroen, Renault, Peugeot with Lucas drum brake on the rear axle. Also used on Land Rover, Ford, Honda, etc.

72/18.5/19.5/1.6’ 230g

Brake spring tool

9B0108



- Universal application of both removal and installation for nearly all drum brakes.
- Wide angle application.
- Length:310mm.
- Heat treatment:HRC42°~45°.

20/9.5/10.5/2.0’ 375g

Retainer spring compressor

9T0202

- Allow fast & easy removal & replacement of brake shoe hold-down springs.

96/17.0/18.0/2’ 150g

Retainer spring tool

9T0203

- For removal and installation of retaining springs on such drum brakes where the brake pads are not fixed onto the anchor plate.
- Therefore the retaining spring will be inserted into the hook head of the tool and will be tightened by winding the handle.
- The installation happens by pulling the retaining spring with the tool into the correct position.

72/7.3/8.3/1.3’ 101g

4pc Drum brake piston locking pliers set

904B1

- Set of four pliers for locking drum brake pistons.
- Both ends hold pistons in cylinders, making it easier to replace jaws.
- When the drum brake is taken off, it can prevent the piston oil from returning and thus avoid the piston damage.

48/16.5/17.5/3’ 344g

Brake shoe adjustor tool

9B1701

- Can be used for most of cars.
- Make adjusting easy even for strong springs.

100/19.0/20.0/2’ 190g

8pc Manual brake gauge set

908B2

- The brake gauge tool is designed to give customers an accurate measurement of how much brake lining is left without guess work.
- Most state agencies require that the customer be notified of how much brake lining is left in order to suggest that the lining should be replaced.
- The technician must refer to the OEM manufacturer specifications to determine if the lining is worn below minimum specifications.
- Size including:
  Red (Bad): 2mm (0.0787") ; 3mm (0.1181")
  Yellow (Dangerous): 4mm (0.1575") ; 5mm (0.1969") ; 6mm (0.2362")
  Green(Good): 8mm (0.3150"); 10mm (0.3937") ; 12mm (0.4724")

72/18.0/19.0/1.7’ 250g

Brake lining gauge

9B1801

- Measures brake lining from o to 1/2” in 1/64” graduations.

Instructions:

- Apply jaws to brake shoe. Keeping jaws on shoe, move the indicator arrow to “O”. This will automatically subtract the shoe thickness from the total measurement.
- Apply jaws to shoe and lining. The arrow will indicate the amount of lining remaining.

72/12.5/14.0/1.5’ 173g

Tire tread and brake lining gauge

9B1802

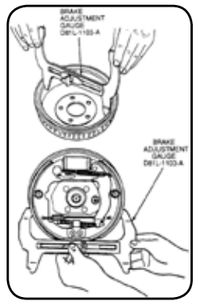
- Used to measure the amount of lining remaining on riveted and bonded drum shoes and disc brake pads.
- Measures tire tread depth up to 9/16” in graduations of 1/64”.
- Checks pads without having to remove caliper completely.

120/12.0/13.0/1.1’ 100g

Brake shoe adjustment gauge

9T0107 NEW

- Measures clearance between brake drums and shoes with diameters from 160mm to 400mm.
- Works on most small cars with drum brake prior to assembly.
- Inside calipers measure drum diameter.
- Outside Calipers transfer measurement to brake shoes.



96/17.0/18.0/2’ 150g

Gauge for brake disc depth & tire tread

9T0106

- Handy, easy to use.
- Special device to fix the value you obtain while measuring the thickness of brake disc.
- Brake disc measure range: 0 ~ 60mm.
- Measure tyre depth.
- Aluminum made.

48/12.0/13.0/1.2’ 250g

Tire tread depth gauge with led buzzer reminder

9B1803 NEW

- This is a new design tire tread depth gauge, it has indicator bar that calibrated for measurement.
- The contact tip is profiled to work in narrow spaces between tread.
- That can warning the tire tread depth is not enough to keep using this tire and you'll hear the "beep" and led will light, so you can easy to know the tire tread depth is good or not.
- You can set the gauge that you'd like to measuring calibration, then put the tip to tire tread, it's easier to know the tire tread depth, and you don't stoop and read the gauge hard.

48/12.0/13.0/1.2’ 250g

Brake air-leaking valve

9B3501

- Designed to release air bubbles inside slave cylinder after replacement to make safe, efficient braking.

60/4.6/5.1/0.58' 70g

Brake fluid tester and bleeder tool set

906T7 NEW

- Ideal for bleeding brake system and hydraulic clutch system without removing the wheels.
- Contents :
  4pc Brake bleeder wrench 8mm, 9mm, 10mm, 11mm
  1pc 1.2M silicon hose with check valve
  1pc Brake fluid tester

Brake fluid tester

88502

- To check the quality of brake fluid.
- 5 LED to indicate percentage of water in the brake fluid.
- Application:Brake fluid DOT 4
- LED display:
  Green: Battery OK/NO water is detected.
  Green/Yellow: Less than 1% of water.
  Green/Yellow/Yellow: Approx 2% of water.
  Green/Yellow/Yellow/Red: Approx 3% of water.
  Green/Yellow/Yellow/Red/Red: At least 4% of water.

100/7.0/8.0/1.5' 70g

Brake fluid tester

88503 NEW

- To check the quality of brake fluid.
- 5 LED to indicate percentage of water in the brake fluid.
- Suitable for DOT3, DOT4 , DOT5.1 and 5 different brands: AC Delco, PENNZOILl, Prestone, Motorcraft, TOYOTA.
- LED display : Green: Battery OK/NO water is detected.
  Green/Yellow: Less than 1% of water.
  Green/Yellow/Yellow: Approx 2% of water.
  Green/Yellow/Yellow/Red: Approx 3% of water.
  Green/Yellow/Yellow/Red/Red: At least 4% of water.

Master cylinder pressure test kit (brake & clutch)

914B2

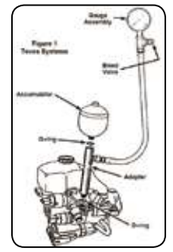
- Verify master cylinder operation.
- You can check the following problems : bypassing and internal leaks, restricted compensating ports, improper push rod adjustment and power booster problems.
- One 0-3,000 PSI gauge, 11pc adaptors, one 90° elbow fitting, one 45° elbow fitting.

6/8.7/9.7/2.6' 1440g

Deluxe brake pressure test kit

924B2

- Kit contains a complete set of fittings and gauges for pressure testing ABS and conventional brake systems on Chrysler, Ford, GM, Jeep, and import vehicles.
- Dual scale dial-standard scale 0-3,000 psi and metric scale 0-200 kg/cm2. 4,500 psi rated pressure hose assembly.
- Includes 20-piece adaptor, one 90° elbow fitting, one 45° elbow fitting.



3/10.1/11.1/1.5' 3370g

Brake calliper guidance thread repair set

914B1

- For repairing the guide pin threads in the wheel bearing housing.
- With disassembly of guide pins while changing the brake pads the internal threads are frequently destroyed.
- The defective threads are repaired professionally and quickly with a heavy duty rustproof high-grade steel threaded bush.
- Applicable: VW, AUDI

36/17.0/18.0/1.2' 470g

5pc T-handle with reamer for ABS sensor

905T9

- A specifically-designed reamer set complete with 1/4" Drive T-bar handle and complete with 4 popular-sized reamers.

Reamer size:

14 x 42.5L BMW E38/E39/E52/E60/E61/E63/E64/E65/ E66/ E67/E70/E71

15 x 33.5L Mercedes Benz A-class, Mazda ,TOYOTA and Ford

18 x 31.5L VW, AUDI, SEAT, SKODA, BMW E36+E46

18 x 42.5L VAG and NFZ

48/12.0/13.0/1.2' 250g

3pc 1/2"DR. Pentagon socket set

4036

- 1-Pentagon socket bit 10mm (55mmL)(65001)
- 2-Pentagon socket:14; 19 mm(65014, 65019)
- For using on grling and bendix brake systems.
- Application:Opel / Vauxhall (Astra G, Zafira), Smart , Ford, Mazda, Peugeot, Renault

60/14.8/15.8/0.5' 246g

1/2"DR. Pentagon socket 14mm / 19mm

65014 / 65019

65014

65019

- 14mm : for pentagon brakes on rear brake, Opel Astra G, Zafira, Smart
- 19mm : for Bendix brakes, Citroën, Peugeot, Renault

1/2" Pentagon socket bit 10mm side

65001

- Application on girling brakes.

Part no.	bit	*l* mm	g	pc/box
65001	⬠	55	94	10

Calipers brake pad screw socket for PORSCHE & AUDI

9B0402

NEW

- 1/2" DR x 16mm x 38mm L (10 point)
- For removal of the calipers brake pad screw for Porsche Cayenne/Audi Q7

50g

Brake caliper file

65816

NEW

- For removing dust, rust and dirt from brake Calliper groove.
- width:10 mm
- Length: 270 mm

Disc brake pad spreader

9B0401

- Designed for quick and easy changing of disc brake pads.
- Spreader will compress inner pad and reset piston for easy pad replacement in heavy-duty construction.

24/7/8/2' 245g

Disc brake adjuster

62901

Fits in brake caliper to push back pistons for new brake pads installation.

20/22.1/23.1/1.3' 1100g

Disc brake piston compressor (4 pistons)

62902

- Special wider pusher design to use on 4 pistons vehicle.
- Max. working range: 88mm
- Applicable: BENZ, BMW, and 4 pistons vehicle.

8/13.4/14.4/1.1' 1675g

Brake piston wind back pads

903B1

- Brake pad range: 0 ~ 100 mm.
- The pad open jaw: 10 ~ 90 mm.

24/7/8/2' 245g

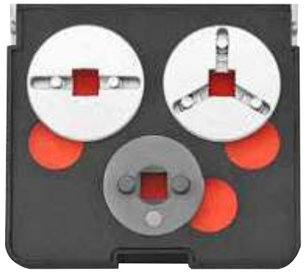
2&3 Pin brake piston rewind tool (clockwise/counterclockwise)

907B1 NEW

- This tool kit allows you to rewind the pistons in brake calipers.
- It does this by allowing the rotation of the piston at the same time as pushing the piston back into the caliper.
- Spindle Spanner for right and left according to the Factory Operation.
- The correct parts to fit nearly all cars including Alfa Romeo, Audi, Citroen, Ford, Honda, Jaguar, Land Rover, Mazda, Mercedes, Mini, Mitsubishi, Nissan, Lancer, TOYOTA, VW, VOLVO, VAUXHALL and others!

3pc Brake adaptor set (adjustable)

65821 NEW



- Two adjustable brake caliper rewind adaptors - 2 pin and 3 pin.
- Includes magnetic 2 pin drive to 3/8"DR. adaptor.
- Adjustable 2 pin adaptor fits 100s of cars.
- Adjustable 3 pin adaptor only to be used with Electronic Park Brake (EPB) tools.
- Applications include: Audi, BMW, Iveco Daily, Renault, Range Rover Evoque, Seat, Volkswagen, Volvo

48/15.2/16.2/0.84' 316g

Brake caliper rewind tool kit

909T6 NEW

- Professional reset of the rear axle and front axle brake pistons.
- Contents :

1pc Two ways speedy brake adaptor driver
1pc 3 pins adjustable brake adaptor (rear axle)
1pc 2 pins adjustable brake adaptor (rear axle)
1pc Pressure turn device
1pc Reaction plant
1pc Brake adaptor (front axle)
3pc Brake caliper pin punch 4; 5; 6 mm

Disc brake service kit

912T6 NEW

•Contents :
1pc Two ways speedy brake adaptor driver
1pc 3 pins adjustable brake adaptor (rear axle)
1pc 2 pins adjustable brake adaptor (rear axle)
1pc Pressure turn device
1pc Reaction plant
1pc Brake adaptor (front axle)
3pc Brake caliper pin punch 4; 5; 6 mm
1pc Flat file for brakes
1pc Magnetic base
1pc Dial gauge
1pc Gauge for brake disc depth

27pc Brake piston wind-back set

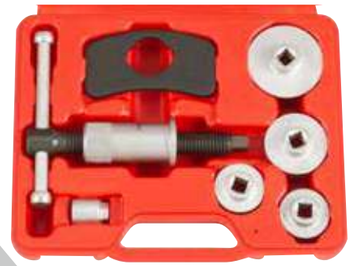
927B1

- This tool has been designed to drastically reduce the time taken when dismantling brakes.
- Will not mark or damage the working part of piston.
- Removes frozen pistons with ease.
- Applicable: ALFA ROMEO, CITROEN, FIAT, VW, AUDI, FORD, ROVER, LINCOLN, NISSAN, SUBARU, HONDA, BMW, MITSUBISHI, TOYOTA, PEUGEOT, OPEL, RENAULT, JAGUAR, MAZDA, VOLVO, VAUXHALL, SAAB, LANCIA

6/26/27/1.7’ 4340g

7pc Brake caliper piston tools set

658

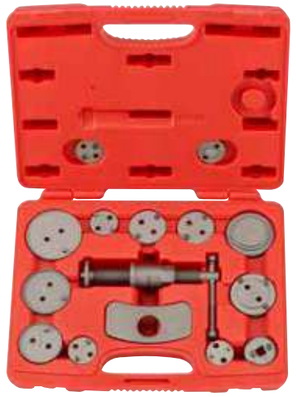


- Kit comprises main body, screw assembly, special locating plate and 5 adaptors covering wind-back.
- Applicable: VW, AUDI, FORD, PEUGEOT, ROVER, NISSAN, SUBARU, HONDA, BMW, MITSUBISHI, TOYOTA, JAGUAR, MERCEDES, MAZDA.

12/16.3/17.3/1.3’ 1360g

13pc Disc brake park caliper tools set

65802

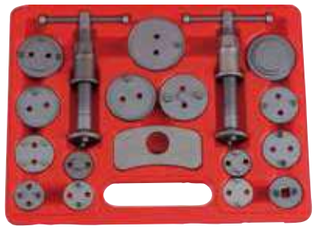


- For rotating pistons back into the caliper to provide clearance for new pads. Include 11 adaptors (available individually) for use in both 2 and 4-wheel rear disc brake assemblies of most domestic and import cars. The tool may be used “on” and “off” the car.
- Suitable for: MERCEDES, BMW, VW, GM, AUDI, FORD,HONDA, SUBARU, MAZDA, NISSAN,MITSUBISHI, TOYOTA, ROVER, 4WD, OPEL,RENAULT.

10/20.1/21.1/1.8’ 2kg

18pc Universal caliper wind back kit

65805



- Two bodies with postive thread and negative thread for different vehicles.
- With one plate and fifteen adaptors to fit most of the cars.
- Applicable: Citroen, AUDI, FIAT, FORD, ISUZU, HONDA, JAGUAR, BMW, NISSAN, MITSUBISHI, VW, SAAB, MAZDA, TOYOTA...etc.

10/25.5/26.5/1.87’ 2417g

16pc Air powered brake caliper wind back tool set

65815

- Air Pressure: The range of normal using pressure is 5 ~ 8 kg/ m^2; maximal using pressure is 14 kg/m^2.
- Applicable: Citroen, AUDI, FIAT, FORD, ISUZU, HONDA, JAGUAR, BMW, NISSAN, MITSUBISHI, VW, SAAB, MAZDA,. TOYOTA...etc.

5/15.7/16.7/2’ 3140g

Brake caliper tool

65803

- For rewinding the piston in all collets type disc brake calipers with built-in parking mechanism.
- Essential for fast and easy pad replacement and caliper servicing.
- Suitable for: FORD, HONDA, JAGUAR, MAZDA, MITSUBISHI, NISSAN, ROVER, SUBARU, TOYOTA, with ABS.

30/21/22/0.9' 700g

Disc brake park caliper tool

65804

- This tool set is a "must" when installing new brake pads on vehicles with 4 wheel disc brakes.
- Rotate the tool on the parking brake actuator to retract the piston.
- Works on most GM vehicles with 1 1/2" brake pistons, most Ford vehicles, Pontiac Fiero, and imported vehicles.

24/16.6/17.6/3' 691g

Universal caliper piston remover

907T3

- Quick change design for 3 sizes of adapter
- Rang from 25mm to 35 mm
- Adapter a. range from 35mm to 45mm.
- Adapter b. range from 45mm to 55mm.
- You can easily take out the piston with assistant handle.

18/18.0/19.0/1.8' 1000g

Rim wrench

677

Part no.	Size	l mm	g	pc/box	O.D. mm
6771921	19x21	300	1000	5	16
6771924	19x24	300	1020	5	16
6772123	21x23	300	1100	5	16
6772224	22x24	400	1300	5	19
6772427	24x27	400	1320	5	19
6772432S	15/16x1-1/4	400	1330	5	19
6772730	27x30	400	1330	5	19
6772732	27x32	400	1380	5	19
6772733	27x33	400	1400	5	19
6772833	28x33	400	1410	5	19
6773032	30x32	400	1440	5	19
6773033	30x33	400	1440	5	19
6773233	32x33	400	1495	5	19
6773238	32x38	400	1535	5	19
6773821	38x21sq.	400	1520	5	25
6773822	38x22sq.	400	1520	5	25
6774121	41x21sq.	400	1550	2	25
6774121L	41x21sq.	450	1800	1	25

Wrench bar

677

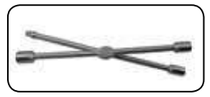
Part no.	O.D.	l mm	g	packing
67701	19mm	630	1400	15/21/22/0.32'
67702	25mm	630	2420	10/24/25/0.32'
67701400	19mm	400	890	25/22/23/0.2'
67703	16mm	400	630	30/18.9/19.9/0.2'

Foldable cross-handle socket wrench

681

Socket size: 17mm; 19mm; 21mm; 1/2" square

Folded



Part no.	packing	l length	g
681400	12/17.9/18.9/1.2'	16"(400mm)	1490
681500	10/17.6/18.6/1.1'	20"(500mm)	1760

Assembly wheel nut wrench

681A300

- 17mm; 19mm; 13/16"; 1/2"DR. (300mmL)
- Chrome vanadium alloy steel
- For most car wheel nuts in metric
- Polished, chrome plated

20/22.2/23.2/0.63’ 1110g

Wheel nut wrench

681B400

- 17; 19; 21; 22 mm with 1/2"DR. Adapter (400mmL)
- Chrome vanadium alloy steel
- For most car wheel nuts in metric
- Polished, chrome plated

12/18.6/19.6/0.97’ 1550g

1/2”DR. Quick power wheel nut ratchet handle

681D515

- Removes stubborn wheel nuts quickly and easily.
- Torque multiplier increases torque by 3.5 by using the lever arm.
- The lever arm should never be used to tighten nuts due to the possibility of over tightening.
- Length:515 mm

10/23.0/24.01.1’ 2300g

9pc Wheel specialized torque tool set

64707

Content: 1/2" DR.

6474 088N...190N 5- Torque wrench
88; 108; 135; 163; 190 Nm

44585 17C...21C 3-Wheel nut 6pt. flank impact socket (85mmL)
17; 19; 21 mm

681A300 1-Assembly wheel nut wrench
17; 19; 13/16"; 1/2"DR. (300mmL)

1/12.4/13.4/0.85' 12.4kg

1/2”DR. Wheel nut 6pt. Flank impact socket w/plug

445120...

NEW

Part no.	Size	l mm	g	pc/box
44512017	17	120	264	10
44512019	19	120	306	10
44512021	21	120	348	10

3pc 1/2"DR. Wheel nut impact socket set

4032

Contents: 1/2"DR.

44585 17C...21C 3-Wheel nut 6pt. flank impact socket
17; 19; 21mm (85mmL)

Socket 24/22.3/23.3/1.1’ 930g

3pc 1/2” DR. 6pt. Flank impact thin-wall deep socket set

4032TH

Contents: 1/2"DR.

44585 17TH...21TH 3-6pt. Flank impact thin-wall deep socket
17, 19, 21 mm

Socket 24/18.5/19.5/1.1’ 770g

1/2”DR. Wheel nut 6pt. Flank impact socket w/plug

4037 NEW

Contents: 1/2"DR.
3-Wheel nut 6pt. flank impact socket
17; 19; 21mm (120mmL)

Socket 940g

3pc 1/2"DR. Wheel nut impact deep socket set

4033

Contents: 1/2"DR.
445150 17C...21C 3-Wheel nut 6pt. flank impact socket
17; 19; 21mm (150mmL)

Socket 20/25/26/1.3’ 1250g

3pc 1/2” DR. Hydraulic dual torque impact socket set

4035

- Designed for fastening the lug nut quickly and securely.
- It includes 1/2” DR. 17, 19 and 21mm for ultra thin type.
- Torque range: 115Nm±6% (85ft/lbs±6%) Set up the working air pressure at 90 Psi. (6.2 bar; 6.3kg/cm^2; 62pa), and ensure the power deliver of the impact wrench between 190~210 Nm. (140~155ft/lbs)

Loosen

Tighten

Socket 24/30/31/1.1’ 1250g

4pc 1/2” DR. Hydraulic dual torque impact socket set

4045

- Designed for fastening the lug nut quickly and securely.
- It includes 1/2” DR. 17, 19, 21 and 22mm for ultra thin type.
- Torque range: 115Nm±6% (85ft/lbs±6%)
- Set up the working air pressure at 90 Psi. (6.2 bar; 6.3kg/cm^2; 62pa), and ensure the power deliver of the impact wrench between 190~210 Nm. (140~155ft/lbs)

Loosen

Tighten

Socket 12/19.0/20.0/0.75’ 1583g

4pc 1/2” DR. Wheel nut 6pt. flank impact socket set

4046

Content: 1/2"DR.
44585 17C...22C 4-Wheel nut 6pt. flank impact socket
17, 19, 21, 22mm

Socket 12/13.8/14.8/0.75’ 1150g

4pc 1/2” DR. Wheel nut 6pt. flank impact socket set

4046A

Content: 1/2"DR.
44585 15C...21C 4-Wheel nut 6pt. flank impact socket
15, 17, 19, 21mm

Socket 12/13.7/14.7/0.75’ 1141g

4pc 1/2” DR. Wheel nut 6pt. flank impact socket set

4046B

Content: 1/2"DR.
44585 17C...23C 4-Wheel nut 6pt. flank impact socket
17, 19, 21, 23mm

Socket 12/16/17/0.87’ 1333g

11pc 3/4"DR. Truck wheel impact socket set

6113

Content: 3/4" DR.

46190 17…21	2- Square impact deep socket 17; 21mm
46190 13.16	1- Square impact deep socket 13/16"
465100 33...41	4- 6pt. Flank impact deep socket 33; 35; 38; 41 mm
465100 1.1.16…1.1.2	4- 6pt. Flank impact deep socket 1-1/16; 1-1/8; 1-1/4"; 1-1/2"

3/27.5/28.5/1.5' 9150g

7PC 1/2" DR. Wheel lug nut removal socket set

907U5

- For removal of wheel locking nuts.
- May also be used on fixings too damaged or corroded for standard sockets.
- Suitable for use with impact wrenches.
- Size: 1/2" DR X 38mm(L) X 17mm, 18.5mm, 20mm, 21.5mm ,23mm, 24.5mm, 26mm

20/18.0/19.0/1.6' 900g

Wheel nut socket for Mercedes-Benz

9T0206

- 17mm wheel nut socket with convex for Mercedes Benz
- Application: Mercedes Benz 221(S Class) and later CL Class and Maybach

Reverse action wheel stud thread restorer kit

906T5

- Unique design allows the two halves of the thread restorer to be fitted on the good thread and wound back over the damaged thread ,normally at the end of the stud.
- Traditional thread restorers rely on luck for the restored and undamaged threads to align.
- Three sizes of product a set of capacity: M12 X 1.25 ; M12 X 1.5 ; M14 X 1.5

50/13/14/1.2' 260g

Wheel balancing weight tool

6821

- Easily removes and replaces wheel weights, as well as cutting and crimping.
- Made of heat-strengthened steel. Included comfortable vinyl handle grips.
- With self-open function spring on the handle for easier operation.

30/12.6/13.6/1.3' *l* 245mm 420g

Wheel balancing weight tool

9T0302

- Use to install, remove, trim and tighten clip on wheel weights.
- Includes plastic hammer head for protection of specially coated wheel weights.

48/24.0/25.0/2.7' 500g

Tyre lever

750

Part no.	packing	*l* length	g
750200	100/14.6/15.6/0.56'	200	162
750300	120/31.6/32.6/0.6'	300	370
750380	60/22.9/23.9/0.5'	380	556
750380B	60/22.9/23.9/1.2'	380	382
750500	30/22.0/23.0/0.69'	500	732
750525B	30/24.0/25.0/0.69'	525	800
750650	20/23.2/24.2/0.54'	650	1160
750650B	20/21.8/22.8/0.7'	650	1160

Snap in tire valve installer

9B0301 / 9B0302

9B0301

9B0302

Steel constructed tool with deep threaded head for positive sealing of all snap-in type passenger car tire valve stems.

Part no.	packing	g
9B0301	48/16.8/17.8/0.87'	350
9B0302	48/17.1/18.1/3'	356

TPMS Service pack tool set

911T1

NEW

- Used to install/change TPMS sensor and tire valve.
- Content: 1ps 1/4" DR. Torque driver 1~5Nm.
  1ps 1/4" DR. Torque wrench 3~15Nm.
  1ps Extension 2" (50mm).
  2ps 1/4" DR. Deep socket 11mm, 12mm.
  3ps 1/4" DR. Star socket bit T10, T15, T20.
  1ps Grommet/spacer ring tool.
  2ps Valve core torque tool Red 0.25Nm.
  Black 0.45Nm.

6/8.5/9.5/1.4' 1410g

3 Function tire pressure gauge

9T0401

Advantages:

Test

Inflator

Exhaust

- Measure the tire pressure precisely, telerance 3%.
- Release unnecessary pressure.
- Inflate the tire quickly.
- Specification: 1/4"PT / Max pressure: 14kgf/cm^2 (200 PSI) / Nozzle length: 30cm

12/7.0/8.0/1.8' 680g

3 Function digital tire pressure gauge

9T0401D

NEW

- 2-1/2" Digital pressure gauge
- Air line inflator with deflator-highly accurate.
- Easy to read. Gauge completed with heavy rubber bumper, includes a 2 feet hose with clip-on chuck.
- Power supply: Lithium battery operated with auto off function
- Operating temperature: 0~50ºC
- Accuracy: +/-(F.S.x1%)+0.5 PSI at 2-100PSI
  +/-(F.S.x2%)+0.5 PSI at 101-150PSI
- Pressure range: 2-150 PSI

620g

Dual check

9T0402 / 9T0403

9T0402

9T0403

Part no.	*l* length	packing	g
9T0402	5"	100/7.0/8.0/1.1'	75
9T0403	12"	100/17.0/18.0/2.5'	140

2pc Tire valve torque driver set

902U3

9U3201

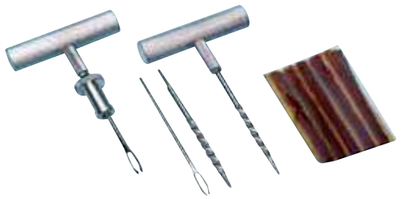
9U3202

- Tools have internal torque limiting mechanism to prevent over- torquing of tire pressure monitoring system valve cores.
- A must for the tire pressure monitoring system valves to maintain proper tire pressure.
- Each tool is set for a specific maximum torque:
  Red-25 Ncm (2.2 IN. LB)
  Black-45 Ncm (4 IN. LB)

100/12.0/13.0/1.8' 120g

4pc T-handle disclosed tire repair tool set

904T4



For steel belted redial tire. T-handle disclosed tire repair tool is for inserting plugging material typically in the form of rubber coated strands, into a tire puncture. The plugging material is threaded into the open eye of a needle forming a part of the tool and inserted into the puncture. The inserting motion is limited by a stop free to rotate on the needle's shank so that the ends of the strand are not drawn into the puncture and the stop also limits the withdrawal of the needle.

72/25.5/26.5/2.7’ 354g

Roller stitcher

9T0407

- Wood handle for light and portable.
- Bearing inside for easier using.

60/7.4/8.4/0.9’ 123g

2pc Wheel stud alignment guide tool set

902B1

- Assists when mounting wheels, especially late models with long lug bolts.
- Applicable: all Mercedes models with lug bolts.
- Size: 12mm x 1.5

200/9.0/10.0/2.7’ 45g

2pc Wheel stud alignment guide tool set

902B2

- Assists when mounting wheels, especially late models with long lug bolts.
- Applicable : all Mercedes models with lug bolts.
- Size: M14X 1.5

72/8.4/9.4/1.5’ 116g

8pc Wheel stud alignment guide tool set

908B3

- Assists when mounting wheels, especially late models with long lug bolts.
- Applicable: all Mercedes models with lug bolts.
- Size: 12mm X 1.5
  12mm X 1.25
  12mm X 1.75
  14mm X 1.5

24/19.0/20.0/0.8’ 790g

BENZ Bush remover / installer

9T0307

- Removal and replacement tool for metallic bushes on rear axles Mercedes type 201/124/202/140/129/210.
- The Tool incorporates an axial bearing and also incorporates a pressure piece which guarantees the correct position of the new metallic bushes when replaced.

10/19.5/20.5/1.5’ 11.7kg

BENZ Axles wheel bearing extractor / installer

9T0311

- A great tool used to replace front wheel bearings without removing the steering knuckle & strut assembly.
- As the spindle assembly isn't removed, there is no need to align front end after the job is done. It saves a lot of time.
- Application: Mercedes Benz, BMW, TOYOTA, VW, MARCH, FORD, VOLVO.

2/18.4/19.4/0.6’ 9200g

BMW swing arm sleeve

903T5

- No need to take off the swing arm
- Easy operation saves time
- Aluminum adapter prevents sleeve damage
- Aluminum circumference adapter can be switched when needed.

2/8/9/0.9' 3420g

Sub frame bush remover (Ford Mondeo)

905T5

A specially designed tool for removing and installing the bushes on the rear sub frame on Ford Mondeo.

Contents

A Bridge / B Double headed nut / C Cup / D Bolt / E Dome Washer

20/21.1/22.1/1.4' 1050g

Rear suspension tool for GM VECTRA

908T6

Removing and replacing those stubborn upper and lower rear trailing arm bushes on GM VECTRA’S.

10/17.7/18.2/1.2’ 1770g

Rear axle bush installation/removal tool set for Vauxhall / Opel Vectra

908T7

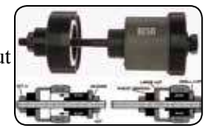
- Suitable for use in situ without removing the rear axle assembly from the vehicle.
- Intended for rapid removal/installation of Vauxhall / Opel Vectra (95-02) upper and lower rear trailing arm bushes.

12/14.7/15.7/1.1’ 1225g

5pc VW, AUDI Rear suspension tool

905T4

- Special design for replacing the rear axle mounting bushes, while sit in the vehicle and without the need for removing the rear axle assembly.
- Its fine thread and thrust bearing allow the bush to be fitted quickly and easily without causing damage.
- Applicable: Audi A3/ VW Golf IV/ Bora 1.4/ 1.6/ 1.8/ 2.0 and 1.9d (2001~2003)



36/21.0/22.0/1.8’ 580g

Bush remover / installer for VW

907T6

•Suitable for VW Polo (9N) front-axle bracket wishbone silent blocs.
•The removal and replacement of the silent bloc placed in dir bracket is easily and safely carried out directly on the vehicle by using the extractor.
•Applicable:VW - Polo (9N)
SEAT - Ibiza IV, Cordoba (ab Bj. 02) Altea
Skoda - Fabia, Roomster
AUDI - A2.

6/18.0/19.0/1.5' 3000g

21pc Compact wheel hub/bearing kit , Ø 62mm,Ø 66mm, Ø 72mm

921T1

• Professional fitting direct on the vehicle (removal with existing wheel hub extractor or universal sliding hammer).
• Minimum working effort and maximum time saving.
• Simple and safe handling.
• **Only for installation.**
• Can also be optionally used with a workshop press.
• Possible extensions for bearing unit Ø 62+66+72 mm due to the modular system
• Application:Audi A2 , Audi A2 1.2L , VW LUPO , VW Polo FOX , Seat Ibiza , Skoda Fabia

1/12.6/13.8/1.0' 12600g

Wheel hub and wheel bearing extraction & installation set for VW-T5

917T3

Removing

Insertion

•For removing and installing the wheel hub or wheel bearings of built-in parts on cars.
•Suitable for cars with Ø 85mm wheel bearings.
•The design can prevent damage to the new wheel bearing because it provides safe and accurate centering and alignment when changing wheel bearings.
•Application:VW - T5 (front axle) and Touareg with 16 -inch chassis

2/16.3/16.8/1.0' 8150g

Wheel hub and wheel bearing extraction & installation set for Ford / Volvo / Mazda

913T2

•For removing and installing the wheel hub or wheel bearings of built-in parts on cars.
•Suitable for cars with Ø 78mm wheel bearings.
•The design can prevent damage to the new wheel bearing because it provides safe and accurate centering and alignment when changing wheel bearings.
•Application:Ford - Focus 2(2004-). CMAX(2003-07. 2007-)
Volvo - C30(2006-). C70 2 Cabriolet(2006-) . S40(2004-). V50(2004-)
Mazda - M3 1.4,1.6, 1.6D TURBO(2003-)

2/17.5/18.5/1.2' 8750g

Professional wheel bearing tool set for BENZ

927T1

•This tool can make safe, quick and professional replacement and removal of wheel bearing.
•Adaptor ring:Centring Rings - 42 , 45 , 49 , 50 , 54 , 60 , 80mm
Pressure Rings - 66 , 70 , 73 , 75 , 79 , 83 , 84 , 85 , 87 , 88 , 90 , 93mm
•Application:190 series (W201) , A-Class (W168; W169) , B-Class (W245; W124)C-Class (W202; W203) , E-Class (W210) , M-Class (W163; W164)S-Class (W140) , V-Class (W639)

1/14.6/15.6/1.3' 14480g

Professional wheel bearing tool set For Peugeot / Citroen / Renault

920T2

•This tool can make safe, quick and professional replacement and removal of wheel bearing.
•Adaptor ring:Centring Rings - 35, 37, 42, 45, 60, 75 mm
Pressure Rings - 65, 72, 82, 83 mm
•Application:Peugeot, Citroen, Renault

1/12.0/13.0/1.3' 14400g

Universal bush remove and install sleeve

933T1

- Universal application of step discs for bearing bush, silent bearing, hydraulic bearing, and rubber bearing on many kinds of different vehicles.
- 20pcs sleeves: IDϕ34~ϕ72mm(in 2mm increment)
- 2pcs step discs: use with sleeves.
- 4pcs bolts: M10, M12, M14, M16;
- Length:450mm

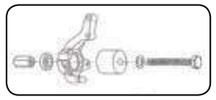
1/18.0/19.0/1.1’ 18270g

Front wheel driver puller

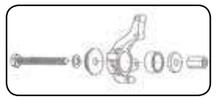
920T1

- A great tool used to replace front wheel bearing without removing the steering knuckle & strut assembly.
- As the spindle assemble isn’t removed, there is no need to align front end after the job is done.
- 3pc M12 x P1.5 screws
  3pc M14 x P1.5 screws

Remove



Install



2/16.7/17.7/1.1’ 8350g

4WD Front wheel bearing tool

924T1

- 21pc Bearing cup size:
  38, 50, 55, 59, 63.5, 66.5, 70.5, 71.5, 73, 73.5, 74.5, 76, 77.5, 81.5, 83.5, 86, 86, 88.5, 91, 102, 102mm
  1pc Nut
  1pc Screw
  1pc Washer

2/21.5/22.3/1.5’ 10.5kg

Hydraulic steering system pull tool set

949T1

- This set could disassemble damaged bushing and replace new one except the bushing without the hole.
- There is no effect when the control arm is on the car.
- Hydraulic cylinder max. load : 18.2t
- 4 spindle size: Ø 10mm; Ø 12 mm; Ø 14 mm; Ø 16 mm

Remove

Install

1/20.6/21.6/2.9’ 20.6kg

Manual steering system pull tool set

950T1

- This set could disassemble damaged bushing and replace new one except the bushing without the hole.
- 4 spindles are especially designed for small bushes and they are available when the control arm is still on the car.
- Hydraulic cylinder: 10 t
- Four pull spindles: M10X1.5P ; M12X1.75P; M14X2.0P; M16X2.0P

Remove

Remove

Install

Install

1/30.6/31.6/2.9’ 30.6kg

10pc Bearing race and seal driver set

66603

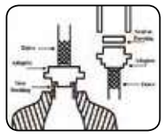
Makes it easier to insert wheel bearing race and seals without damage to race and axle housing. The set includes 9 disc sizes to fit most standard wheel bearing. Turn discs over to drive seals.

10/17.8/18.7/2.3’ 1780g

14pc Master bushing driver, seal, and bearing installer set

915U2

- Set includes four drive handles and 11 adapters (most adapters have 3 or 4 size each)
- Works in any industry, automotive.
- Makes it easier to insert wheel bearing race and bushing seals without damage.



2/16.0/17.0/ 0.78’ 8kg

17pc Metric bushing driver set

917T1

- Adaptors held on drivers with knurled nut.
- Fit all remaining bushing.
- Size: 10mm-42mm.

24/17.7/18.7/2’ 737g

Universal adjustable bearing race and seal driver

9U0301

NEW

- Aluminum all-in-one self-contained precision driver with rotating handle and expanding jaws to seat races / bearings or seals with ease.
- Variable Jaws cover a range of 18.5 - 89 mm or 0.72 - 3.50 inches.

20/16.6/17.6/1.7' 832g

8pc Adjustable wheel bearing lock nut wrench

908T1

- Adjustable jaws with locking feature to suit both hexagon & octagon wheel bearing lock nuts.
- Includes three sets of pins to suit lock nuts with pin holes.
- Capacity:
  6pt lock nuts: 1.3/4” to 5.1/4”(49-135mm) across the flats
  8pt lock nuts: 1.3/4” to 5.5/8”(49-143mm) across the flats
  Pin diameters: 1/4”(6mm), 5/16”(8mm), 3/8”(10mm).

6/14.8/15.8/1’ 2466g

17pc Slide hammer puller set

664

- Designed for removing hub, dent...etc.
- With most popular joints and 3-jaw puller to fulfill most vehicles.
- Contemt: T-bar, hammer, axle puller, adaptor, 2-jaw head, 3-jaw head, hook and accessories.

2/14/15/1.1’ 7kg

Slide hammer puller set

664A

Slide hammer puller set has several pulling attachments to give the user various methods for pulling, maintenance and repair applications; the slide hammer exerts force when needed.

2/19/20/1.9’ 9.5g

2pc Axle puller

66401

- Central hole to screw hole 130mm
- Drop forged

2/2/2.5/0.2' 1170g

3pc Axle puller

66402

- Central hole to screw hole 130mm
- Drop forged

2/8/8.5/0.6' 4150g

2pc Axle puller

66403

- Central hole to screw hole 110mm
- Drop forged

2/2.5/3/0.12' 1260g

3pc Axle puller

66404

- Central hole to screw hole 110mm
- Drop forged

2/8/9/0.43' 4375g

6pc Air hammer drift set

906T6

NEW

- 7" (177mm) long parallel shaft design won't get stuck in deep holes.
- Offers the extra driving force of an air hammer where needed.
- Air hammer drift set takes care of rusted shock and strut bolts.
- Sizes Included: 3/16" (5.2mm), 1/4" (6.5mm), 9/32" (6.9mm), 5/16" (7.7mm), 3/8" (9.3mm), 1/2" (12.7mm)

13pc Special Vibro Chisel Set

912T5

NEW

- Contents :
  1pc 63mm Large Concave Hammer.
  1pc 1/2"D Adaptor Hammer.
  1pc 25mm Hammer.
  1pc Track Rod Hammer.
  2pc 7" X 20mm, 7" X 24mm Impact ball joint separator.
  1pc 20mm Flat Chisel.
  1pc Point Chisel
  1pc Air Hammer.
  4pc Drift punch 1/4" (6.5mm), 5/16" (7.7mm), 3/8" (9.3mm), 1/2" (12.7mm)

Ball joint separator

62801

- Heat treated drop forged steel body & bolt for long rough usage.
- Spread ball joints easily where space prevents use of direct action method.
- Jaws open: 19mm

20/24.4/25.4/1.3' 1220g

Ball joint separator

62802

- For splitting track-rod ends, anti-roll bar mountings, ball joints, etc.
- Jaw open: 20mm

20/21/22/1' 1050g

BRAKE/ TRANSMISSION

Ball joint separator

62803

- For splitting track-rod ends, anti-roll bar mountings, ball joints, etc.
- Jaw open: 20mm

20/21.2/22.2/0.97’ 1060g

Ball joint separator

62804

- Special design 2-stange operating suits most cars and light trucks ball joints in steering & suspension.
- Offset lever permits maximum jaw opening in 30mm & 56mm.
- Jaw open: 22mm

20/24.3/25.3/0.97’ 1218g

Ball joint separator

62805

- This universal tie rod end remover will work on most cars and light trucks.
- The necessary force needed to remove tie rod end is easily applied through the center pivot action.
- Fork opening: 20mm
- Reach: 20mm-50mm
- Suitable for: VW-AUDI, BMW, FIAT, FORD, MERCEDES, NISSAN, OPEL, PEUGEOT, RENAULT, ROVER,SAAB, TOYOTA, VOLVO.

20/26.2/27.2/1.1’ 1310g

Ball Joint extractor

62806

- For splitting track-rod ends, anti-roll bar mountings, wheel-hub ball joints, etc.
- Jaw open: 22mm
- 2-Stage, 50-80mm.

12/18.2/18.7/0.96’ 1620g

Universal ball joint extractor

6281518 / 6281522
6281532 / 6281545

- For splitting track-rod ends, anti-roll bar mountings, ball joints, etc.

Part no.	size mm	packing	g
6281518	18	20/13.9/14.9/0.46'	695
6281522	22	15/10.7/11.7/0.6'	715
6281532	32	10/23.6/24.6/1.4'	2360
6281545	45	10/25.5/26.5/1.4'	2550

Hydraulic HGV ball joint separator

903T2

- For separating HGV ball-joint. Strengthened fork and lever allows for greater force to be applied.
- Remove ball joints easily where space prevents use of direct action method.
- Jaw opening capacity 70 mm; Jaw width 36 mm
- Patented Hydraulic ram provides max. 12 tons.
- SCM 440 material

2/14.0/15.0/1’ 7kg

Quick-change ball joint remover

905T8

- Innovative quick change and simple action for suitable fork.
- Enable operator to select correct jaw size without taking entire extractor to the vehicle.
- Adjustable opening angle.
- Jaw opening: 20, 22, 24, 27, 30 mm.
- Thrust Screw Length: 100 mm.
- Pivot Rod Length: 125 mm.

3/18.0/19.0/1.0’ 6000g

Ball joint extractor

6280723 / 6280728

- For splitting track-rod ends, anti-roll bar mountings, ball joints, etc., especially in small space conditions.
- **6280723** is for Audi VW, BMW, Ford, Mercedes (W170, W202, ETC), Opel / Vauxhall, etc.
- **6280728** is for Audi A4, A6, A8, VW Passat and Mercedes W203 etc.

art no.	Jaws open mm	Jaws deep mm	packing	g
6280723	23	25	30/24.8/25.8/0.99'	826
6280728	28	25	30/24.1/25.1/0.99'	800

Universal ball joint puller

6280817 / 6280820

Special steel for removing the ball pivots on steering arms, steering tie rocks, steering knuckles etc.

Part no.	packing	*l* jawopen	g
6280817	20/20.4/21.4/1.5'	17mm	1020
6280820	20/23.4/24.4/2.1'	20mm	1170

Universal ball joint separator

62809

- Special steel for removing the ball pivots on steering arms, steering tie rocks, steering knuckles, etc.
- Jaws open: 30mm

10/ 9.0/10.0/0.49’ 2900g

Four-way ball joint remover tool

62819

- Heat treated drop forged steel body & bolt for long rough usage.
- Spread ball joints easily where space prevents use of direct action method.

Total length: 165mm
Opening angle: 24mm ~ 45mm
Jaw opening: 22mm
Body material: SCM440

10/16/17/0.5’ 1600g

Front end service set

906T3

- This versatile set allows for easy removal of the most popular types of pitman arms, tie rods and ball joints.
- Press type ball joint separator allows for ball joint removal without damage to boots and other parts that fork type removers may cause.

3/15.6/16.6/1.25’ 5.2kg

Tie rod end & pitman arm puller for compact cars

62811

- For the safe easy removal of pitman arm assembly from compact automobiles.
- Forged, heat-treated yoke with extra heavy center screw
- Opening: 1-1/16"(27mm)
- Pull: 1-3/4"(45mm)

20/8.9/9.9/0.46’ 445g

Tie rod end & pitman arm puller

62812

- Redesigned heavy duty tool to be used to remove pitman arns from late model cars and light trucks
- Yoke is forged from high grade alloy steel and heat-treated.
- Opening: 1-5/16"(33mm)
- Pull: 2-1/2"(64mm)

24/19.1/20.1/0.79’ 795g

Pitman arm puller

62813

- Designed to handle the toughet Pitman arm pulling jobs on passenger cars and light trucks.
- Features special forged jaws shaped to fit the job.
- To use, simply remove the retaining nut, place the puller jaws behind the pitman arm and tighten the forcing screw.
- Mechanical power does the rest.
- Opening: 1-5/16” (33mm)
- Pull: 2-1/2” (64mm)

20/22.7/23.7/1.1’ 1134g

Outer tie rod remover

62814

- Two adjustable jaws special designed for removing outer tie rods of most models.
- Works on imports and domestics; front or rear wheel drives and castors stamped steel steering knuckles.
- Spread: 2-1/2” (64mm)
- Reach: 2-1/4” (57mm)

15/16.4/17.4/0.59’ 1090g

Twin-arm bearing pullers

666B

- With clamping bridge and pushing adaptor especially for extracting the inner bearing ring at VW-AUDI cars.
- Size: 90mm X 100 mm

10/11.4/12.4/1.3’ 1140g

Ball joint extractor

628E

For splitting track-rod ends, anti-roll bar mountings,ball joints etc.

Part no.	Open size	packing	g
628E18	18mm	60/19.0/20.0/1.2'	316
628E23	23mm	30/16.0/17.0/0.99'	533
628E29	29mm	20/17.6/18.6/0.9'	880
628E40	40mm	12/18.6/19.6/0.97'	1550
628E46	46mm	12/21.0/22.0/1.1'	1750

Universal tie rod end tool

62817

- Heat treated drop forged steel body & thrust bolt.
- Fits most cars, simply insert tool between spindle arm and tie rod, turn thrust bolt with 3/4"(19mm) socket or spanner to spead tie rod easily.
- Fork 18mm(11/16").

30/13.5/14.5/0.4’ 450g

Ball joint puller bell vibro-impact

62818 / 6281830
6281832 / 6281839

Part no.	Size mm	packing	g
62818	25	15/19.4/20.4/0.6'	1290
6281830	30	15/19.5/20.5/0.8'	1950
6281832	32	8/22.6/23.6/0.8'	2820
6281839	39	8/27.2/28.2/1.2'	3400

5pc Tie rod ball joint separator set

905T2

Made from heat treated drop forged steel.
Contents:
- 1pc Tie rod separator Opening: 17mm (11/16")
- 1pc Ball joint separator Opening: 24mm(15/16")
- 1pc Pitman arm wedge Opening: 28mm(1-1/8")
- 1pc Handle with lock nut 8"(200mm)
- 1pc Pneumatic handle 7"(180mm)

10/20.0/21.0/1.46’ 2kg

Ball joint separator

628

- Tempered drop forged steel one piece construction for long & rough usage.
- Replacing worn out ball joints easily with a hammer striking.
- **628300** also can separate shock absorber links.
- **628400** also can remove CV drive shafts on FWD vehicles
- Material:SCM440.

Part no.	Open size	*l* mm	packing	g
628300	15/16"	300	25/17.0/18.0/0.38'	680
628400	21/32"	400	20/19.0/20.0/0.38'	950

Ball joint spanner wrench

9T1404

- Designed for removal and installation of ball joint adjusting sleeves on 1/2-, 3/4- and 1-ton Dana open yoke front axles found on Ford, GM, Chrysler, IHC, and Jeep 4WD vehicles.
- Tool permits easy torquing with 1” socket for proper upper ball joint preload.

96/14.0/15.0/1.2' 170g

5pc 1/2"DR. Drive tooth socket for Mercedes

905T7

• Tooth socket for Mercedes Benz axle drive flange.

ID	Length	Tooth width	Usage
905T7-A	70 mm	8 mm	Mercedes Gearbox.
905T7-B	70 mm	6 mm	Mercedes Differential flange.
905T7-C	70 mm	6 mm	Mercedes G-class(W460/W461/ W463) Front Axle-wheel bearing.
905T7-D	70 mm	6 mm	Mercedes W114,W115,W116 Models with constant velocity joint axles.
905T7-E	80 mm	8 mm	Mercedes W116,W123,W126 Rear Axle drive flange.

10/17.0/18.0/1.5’ 1700g

6pc Ball joint anchor pin press set

906T4

• Special designed for the removal and installation of press fit parts, such as ball joints, universal joints and truck break anchor pins, without having to resort to makeshift methods.
• It contains heavy-duty C frame press, receiver tubes, and installation and removing adapters.

3/19.5/20.5/0.7' 6.5kg

9pc Ball joint anchor pin press set

909T2

• Special designed for the removal and installation of press fit parts, such as ball joints, universal joints and truck break anchor pins, without having to resort to makeshift methods.
• It contains heavy-duty C frame press, receiver tubes, and installation and removing adapters.

2/14.5/15.5/0.7’ 7250g

Ball-joint installer/ remover for BENZ (W220/W211/W230)

905T10

•Special design for removing and installing the ball joint on car without removing any parts.
•Applicable: Mercedes Benz W220,W211,W230

3/16.5/17.0/1.1' 5500g

Multi-steering knuckle spreader tool kit

912T3

• Spreads the steering knuckle.
• This enables the removal and refitting of the shock absorbers without the risk of darnaging to the aluminum or cast iron knuckle.
• Fully adjustable and is suitable for steering knuckles with either a centralized or eccentric slot.
• Wide range of vehicle applications.

12/13.0/14.0/1.0’ 1083g

Audi ball joint tool

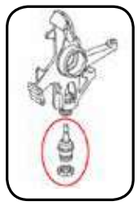
62821 NEW

•Required for releasing the lower ball joint to free corrosion etc.
•Effectively a converter to allow the ball joint to be turned after releasing the pinch bolt.
•1/2" Dr. x H27mm x L36mm with 18mm diameter hole.
•Application: Audi A4 2007~ / A5 2009~ / A6 2011~ / A7 2010~ / Q5 2010~

1/2" DR. BENZ (W163/W164) Pin wrench socket

62820

• Used for Secure the retaining ring during R&R of ball joints.
• Applicable:MERCEDS-BENZ M-CLASS (W163/ W164) lower ball joint of front & rear axles.



48/14.0/15.0/0.3’ 291g

Lower ball joint socket for Peugeot/Citroen

9T1482

NEW

•Allows fast and simple removal & installation of screw type lower ball joints.
•Suitable for Citroen and Peugeot 405 lower ball joints.

72/16.8/17.5/1.2' 233g

5pc Tie rod adjusting tools

905T1

Unique design permits 360° rotation of the adjusting sleeve. 1/2"sq. drive allows use of ratchet or breaker bar.

Specification:

- Tie rod adjusting tool for compact cars with 3/4" dia. adjusting sleeves.
- Tie rod adjusting tool for compact cars with 7/8" dia. adjusting sleeves.
- Tie rod adjusting tool for compact cars with 1-1/8" dia. adjusting sleeves.
- Tie rod adjusting tool for compact cars with 1-7/16" dia. adjusting sleeves.
- Tie rod adjusting tool for compact cars with 1-13/16" dia. adjusting sleeves.

12/16.0/17.0/1.4' 1330g

Combination wheel alignment wrench

9T0701

- This special double-ended extended length wrench was developed to be utilized when adjusting the front tie rods on most ASIAN, EUROPEAN AND DOMESTIC automobiles which includes over 29 different automobile manufacturers.
- Size:21mmX22mm

12pc Inner tie rod tool

912T2

- These tools are specially designed for the inner tie rods that are inaccessible to adjust.
- The long socket can be easily used with eleven open-jaw drivers, size 1-3/16", 1-1/4", 1-5/16", 1-7/16", 14mm, 17mm, 19mm, 22mm, 26mm, 27mm & 33.6mm to most application.
- The inner tie rod can be easily removed and installed by slipping the long socket over tie rod end and connecting it to the open-jaw driver.

6/16.0/17.0/0.6' 2666g

Track rod end remover and installer

9T0204 / 9T0204B

- Designed for remove and install axial joint

Part no.	Application mm	l mm	packing	kg
9T0204	Ø35~ Ø45	400	10/22.5/23.5/2.2'	2.25
9T0204B	Ø28~ Ø35	400	10/21.5/22.5/1.6'	2.15

Multi-purpose inner tie rod tool

9T0801

- The master tie rod tools easily replaces inner tie rod ends without removing the rack & pinion.
- Capacity: 33-42mm

32/12.3/13.3/0.5' 384g

4pc Steering wheel holder & pedal depressor kit

904B2

Steering wheel:

- Firmly holds steering wheel in position when setting toe angle.
- Has a trigger-controlled mechanism and a thumb lock release.

Pedal depressor (brake gas):

- This brake and gas depressor is designed to use in the front seat of the car to obtain lever age.
- Place the point end of depressor on the pedal and use the small release lever above the spring to free the trigger mechanism in order to place the jack in place againt the seat.

- Then press the trigger mechanism to put pressure on the brake or gas pedal the pedal jack will maintain the pressure until the release lever is pressed.

6/13.5/14.5/3.1’ 2250g

Coil spring compressor

62701

- Use tool to remove and install automotive coil springs up to 5-5/8" OD. designed to grasp a maximum 3/4" wire diameter spring.
- Compress can be used on straight or curved coil spring.
- Forged alloy steel.

12/17.0/18.0/1.3’ 1416g

Coil spring compressor

627

- Coil spring compressor made by forging and easy to use.
- Sold and packed in pair.

Part no.	packing	*l* mm	g
627270	10/18.3/19.3/1'	270	1830
627370	10/21.7/22.7/1.5'	370	2170

Universal spring compressor

627200 / 627320

627200

- Allows the compressing of the spring at the car, so the strut can be taken out without dismounting the bearing housing.
- This is important at the front axle of VW cars and at rear axle of Ford Mondeo etc.

627320

- For use with all Macpherson.
- The spindles are equipped with contra-rotating threads which eliminate the risk of slipping round the spring.

Part no.	Compression length mm	packing	g
627200	65-200	10/24.1/25.1/0.86'	2410
627320	65-320	5/14.4/15.4/0.7'	2880

Universal spring compressor

627170

- For replacement of self leveling shock absorbers.
- Particularly for rear axles on Mercedes and Fords.
- Compression length: 85-170mm
- Hex drive situated in the centre of the spindle permitting easy use in confined spaces where other spring compressors can not be used.

10/23.5/24.5/0.7’ 2350g

Heavy duty coil spring compressor

627280

- Hooks engage spring which can be compressed by turning hex nut.
- Jaws capacity: 23mm ~ 280mm
- Length 280mm

6/19.5/21.5/0.5’ 3.2kg

Heavy duty coil spring compressor with jaws & holder

627280U

- No need extra systematic jaw installation / removal
- High security coil spring compressor with 1200kg maximum capacity per pair and adjustable safety bar for additional security
- Jaws capacity : 23 mm ~ 280 mm
- Length 280mm

4/17.0/18.0/0.4’ 4.2kg

Spring compressor for Mercedes

905T3

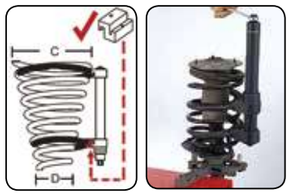
- Types 116/123/124/126/129/140/201/202 and 4-matic includes.
- Advantage: Newly developed automatic 3-point safety interlockand automatic freewheel at end of stroke.

5/28.5/29.5/2.46’ 5.7kg

Professional coil spring compressor

908T5

- Safety yokes carefully shaped to prevent coil spring from bowing.
- Wide availability of spare yokes.
- Main axle length: 453mm
- Small jaw use range: 80-115mm
- Medium jaw use rang: 110-150mm
- Large jaw use range: 140-195mm



1/13.8/14.8/1.25’ 13.8kg

Professional coil spring compressor (with cover)

908T8

- Application : BMW, TOYOTA, FORD, MITSUBISHI, VW, AUDI, SAAB, NISSAN, HONDA, SUBARU, VOLVO, OPEL, PORSCHE.
- Main axle length: 453mm
- Small jaw use range: 80-115mm
- Medium jaw use rang: 110-150mm
- Large jaw use range: 140-195mm
- Max. Load: 10200 N
- Additional yellow plastic covers could protect the surface of shock absorber

1/13.7/14.6/1.25' 13.7kg

Spring compressor stand

9T3403

- Compress the coil spring quickly and easily.
- The opening of attachment shoes can be adjusted according to the diameter of the spring.
- Designed for strong, safe and reliable use.

1/26.4/28.3/3' 26.4kg

Strut nut socket for VW/AUDI

9T1481

- Used for removing and installing the top shock retaining nut on most FWD; VW; AUDI.
- Fits into slot in the top of the strut retaining nut
- 22mm (7/8") hex for use with a wrench.

200/15.9/16.9/1.2' 80g

Drive nut set

904T1

Contents:
- No.1: 10.5mm VW GOLF rear axle
- No.2: 12.5mm VW POLO front axle
- No.3: 14.5mm POLO, GOLF, PASSAT, AUDI 80
- No.4: 14.5mm AUSTIN MAERTRO

72/16.3/17.3/1.6’ 226g

BENZ (W203) Strut nut socket

9T1401

- Use for removing and installing the top shock retaining nut.
- Applications: BENZ W203.

300/17.6/18.6/0.4’ 60g

BENZ (W220) Strut nut socket

9T1402

- Use for removing and installing the top shock retaining nut.
- Applications: BENZ W220.

100/21.6/22.6/0.4’ 216g

BENZ W220 Shock absorber service tool set

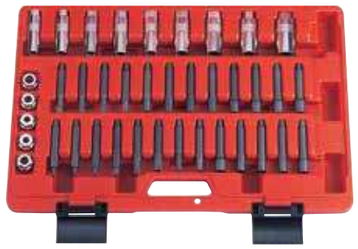
9T0304

- This tool is for changing the top seal in air suspension.
- Fix suspension strut to a vise. Set 3 legs onto stub bolts in strut. Drive the control forcing screw to compress the seal cup and replace the seal.
- Application: Benz W220

5/8.7/9.7/0.6’ 1740g

39pc Turnbuckle for shock absorber’s top lid

939T1



- The complete sizes for using of most kinds of cars.

Contents:

- 5pc external sockets 10.5, 12.5, 14, 14.5, 14.5mm
- 9pc external sockets 1022-14, 16, 1022-17, 18, 19, 1022-21, 22, 24, 27mm
- 9pc central sockets 4, 5.2, 6, 6.3, 7, 1022-39, 9, 10, 12mm
- 2pc central sockets 5, 10mm
- 4pc central sockets 8, 1022-59, 10, 11mm
- 4pc central sockets 5, 6, 7, 8mm
- 3pc central sockets 3, 3.5, 4mm
- 1pc central socket M12
- 2pc central sockets T50, T60
- Apply to : VW, AUDI, M-BENZ, AUSTIN MAESTRO, HONDA, NISSAN, SEAT, FIAT, FORD, ROVER, OPEL, PEUGEOT, RENAULT, CITROEN, TOYOTA, CHRYSLER, BMW, VOLVO.

4/25.0/26.0/2.75’ 6.25kg

9pc 1/2"DR. Drive shaft socket

40912

- 1/2"Dr. 14,17,19 mm Hex
  H14:VW Passat 1996-2001, Audi A4; front and rear axle bolts (AWD).
  H17:1998-2005 VW Passat, 1999-2004 Audi A6, 2002-2005 Audi A4; front and rear axle bolts (AWD).
  H19:VW T4,T5,Skoda Fabia.

- 1/2"Dr. 12pt 27,30,32,34,35,36 mm
  27mm:Ford Powerstroke;Volvo 480
  30mm:For BMW E36, E46; Citroen Saxo;Ford Galaxy; Mercedes W123, W124,W126, W129, W201, W203, W211; Opel Astra F, Astra G; Renault Scenic, Clio, Kangoo; Toyota Avensis, Picnic; VW Golf III, Golf IV, Lupo, Touareg, T5 etc.
  32mm:For Fiat Punto; Ford Escort, Mondeo; Mercedes W140; Nissan Almera; Opel Astra H, Vivaro;Subaru Outback etc.
  34mm:GM Motors.
  35mm:MADZA.
  36mm:For Audi; BMW E36, E39, X5; Ford Transit; Seat Lbiza, Cordoba; Nissan Primera; VW Polo, Golf V,Touareg etc.

6/22.6/23.6/1.54’ 3767g

Axle spindle rethreading set

909T5

•9pcs Tread restoring die set used to clean or repair axle thread on spindles of M24X2.0 ; M24X1.5 ; M22X1.5 ; M22X1.0 ; M20X1.5 ; M20X1.25 ; 13/16X20 ; 3/4X20.
•Use with 32 mm socket or wrench.

10/16/17/1.2’ 1430g

4 pc C.V. boot service kit

904T8

NEW

•Contents :
1pc CV Boot clamp pliers
1pc CV Joint boot clamp pliers
1pc C.V. joint banding tool (with cutter)
1pc Drive shaft circlip squeezing pliers

10/16/17/1.2’ 1430g

CV Boot clamp pliers

62519

A sturdy tool, works on earless-type clamps including those found on GM inboard CV joint.

72/24.7/25.7/2.6’ 320g

CV Joint boot clamp pliers

62520

For ear type clamps, fits late model GM CV joint boots, also installs PERMA-QUICK type clamps quickly and easily use for filter, cooling system and vacuum lines.

48/18.2/19.2/1.5’ 380g

CV Dust boot clamp installer with cutter

62521

• Use 1/2" socket wrench to wind and crimp by hand tool is easily disengaged from the band after the band is tightened.
• Cut off easily with built in cutting arm without any other tool.

36/18.3/19.3/1.8’ 510g

C.V. joint banding tool (with cutter)

62525

• Tool is easily removed by sliding sideways after winding has been completed.

72/20.5/21.5/2.5’ 285g

Bent type C.V. boot hose clamp cutter

9T0501

- Designed to cut the stainless steel clamp easily.
- Avoid to harm C.V. boot
- With hardest material SKS III
- Use capacity for hose clamp:
  Width: Under 10mm
  Thickness: 0.5mm-0.7mm

48/16.8/17.8/2’ 350g

CV boot clamp pliers

62526

- For all ear-type clamps.
- Application: for AUDI, BMW, CHRYSLER, FORD, GM, HONDA, MAZDA, MERCEDES, NISSAN, OPEL/VAUXHALL, VW etc.
- Designed: to use with extension.
- Handle or torque wrench.

36/20.5/21.5/2.1’ 570g

Heavy duty CV boot band pliers (with torque drive)

62527

- For assembly of new stainless steel clamp-bands on drive-shafts where a torque setting is required.
- The 3/8” torque wrench is ideal to provide the drive.
- Application:VW, Audi, Seat, Skoda, Opel / Vauxhall, Ford, etc.

20/12.9/13.9/1.8’ 645g

CV boot installer set (cone, boot installer)

903T1

- Squeeze the arm of the installer and place the large end of the boot over. Press in the small end of the boot. Spray the surface of cone & boot with lubricant.
- Place the cone on the ground and center the boot over the cone.
- Holding the boot to the installer use a firm and fluent motion to press the boot to the base of the cone.
- Place the installer & cone over the joint. Drive the boot over the joint by striking the base of the installer and greasing the joint. And don’t stretch over the joint until a tight fit is formed.

12/16.5/17.5/3.5’ 1375g

Air powered CV boot installation tool

9T0502

- Innovative tool saves time, money and frustration.
- Installs flexible steering and CVJ boots without removing axle from the vehicle or the CV joint from the axle.
- No effort-wasting and no mess.
- Save labour time by up to 70% and prevent damage to CV joint.
- Composite body with simple control valve works from standard workshop air supply.
- Suitable for cars, small vans, light commercial vehicles.
- Material:Aluminum steel
- Capacity:Ø20-110mm

4/12.0/13.0/1.3' 3565g

Drive shaft circlip squeezing pliers

62531

NEW

- To pre-tension the drive shaft circlip during assembly of the outer constant velocity joint.
- By holding the drive shaft circlip with special circlip pliers, the outer drive shaft splines can be easily assembled onto the CV Joint.
- Suitable for: VW, Audi, Ford, Honda, Mazda, Mitsubishi, Nissan, Opel/Vauxhall, Seat, Skoda, Subaru, Suzuki, Toyota, etc.

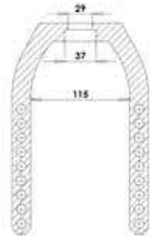
48/17/18.5/1.6' 350g

CV joint assembly removal tool

9T0505

NEW

- Quickly removes the CV joint from the drive shaft without damaging the joint, and keeps hands free for releasing retaining circlip.
- Connector diameter: 29 X 37 mm
- Maximum axle diameter: 37 mm
- Maximum CV joint diameter: 115 mm



10/21.8/22.8/1.2' 2180g

Fender extending tool

9T0503

- Use for fender collision repair or fender flaring or to increase fender clearance.
- Fit most cars and light trucks with 4 or 5 lugs.
- Roller works on fender from inside wheel well.

2/17/18/2' 8.5kg

Transmission axle holder wrench

9T0201

- This tool use for 2005 & LATER LAND ROVER with V-8 engines.

16/16.8/17.8/1.6' 1050g

Waste oil drain

9T3621

- Capacity: 80L.
- Special designed for no switch beneath of the hopper, and that sis not spray any oil absolutely.
- There is a filling net in the hopper that can be removed any dirty wastage on it.
- Use ordinary shop air to move out the waste oil.

1/30/33/7.6' 30kg

Vacuum oil extracting & draining machine

9T3622

- Capacity: 80L.
- Perform dual functions – oil extracting and draining
- Uses compressed air to create a powerful vacuum to extract any kinds of oil, gasoline, diesel, water. (There are some limitations to extract the liquid.).
- Tube size:A:ø6 x L750 ; B:ø7 x L750 ; C:ø6 x L920 ; E:ø3/8" x L650 ; F: Braking oil tube.

1/36/38/7.6' 36kg

Vacuum oil extracting machine & brake bleeder

9T3623

- Capacity:12L.
- Uses compressed air to create a powerful vacuum to extract any kinds of oil, gasoline, diesel, water, and other anytime.
- With limpid cup to check the flow anytime.
- Tube size:A:ø6 x L750 ; B:ø7 x L750 ; C:ø6 x L920 ; E:ø3/8" x L650 ; F: Braking oil tube.

1/13/14/1.9' 13kg

Pneumatic oil filling machine

9T3624

- Capacity:25L.
- Enlarged 45 mm oil filler hole for easier to refill oil.
- With oil dispensing gun to easily control the oil filling rate.
- With a dehumidify valve to filter the water from the air compressor.
- Compressed air could be stored in the tank and use for filling oil at any place.
- A clock or digital meter can be attached to measure the volume of the refilled oil. (optional part)

1/18/19/2.9’ 18kg

Glass covered fluid extractor

9T3625

- To suck liquid by vacuum.
- Append many suction tubes and applicable to oil, transmission oil, brake oil...etc.
- 12L the design of visible glass storing oil box ,it can see storing oil.
- Dual oil reservoir tank design increases the storing capacity(80L+12L).
- Capacity of the tank below:80L.
- Tube size:A:ø6 x L750 ; B:ø7 x L750 ; C:ø6 x L920 ; E:ø3/8” x L650 ; F: Braking oil tube.

1/37/40/9’ 37kg

Air lubricator for grease

9T3609

- Uses air as power to suck grease into lubrication points.
- Suitable for 00#~2# grease.
- Capacity: 20L.
- Max. pressure that pump could with stand: 7~9 kgs
- Shrink rate: 1/45~1/50
- Volume output: 2L/min
- Hose: 1/4” x 2W x 3M
- Grease output pressure: 180 ~ 405kgs/cm
- Deliver rate: 30cc/sec.

1/21.0/23.0/4.2’ 21kg

Hand lubricator for grease

9T3610

- With reservoir capacity 25L
- It is suitable for general lubricant and gear oil.
- 4c.c. / each cycle
- Hose: 1/4” x 1W x 2M

1/7.0/9.0/2.2’ 7kg

Hand lubricator for oil

9T3611

- With reservoir capacity 25L
- It is suitable for general lubricant and gear oil.
- 70c.c. / each cycle
- Hose: 1/2” x 2M PVC yarn pipe

1/7.0/9.0/2.2’ 7kg

9 Liters manual / pneumatic fluid extractor

9T3606

- A large 9.0 Liter (2.35gallon) capacity of manual & pneumatic fluid extractor, can be used to extract many kinds of non-explosive liquids.
- Completely automatic using normal shop air, or using hand pump without shop air.
- New safety design, when the tank is full of liquid, air inlet mechanism will be shut off automatically.
- Working Pressure: 70~170 PSI / 4.9~11.9 BAR
- Air inlet: 1/4"
- Air Consumption: 5 CFM

2/9.5/11.5/4.3’ 4.75kg

9 Liters pneumatic fluid extractor

9T3606P

- A large 9.0 Liter (2.35gallon) capacity Pneumatic fluid extractor, can be used to extract many kinds of non-explosive liquids.
- Completely automatic using normal shop air, no electric spark, safety for workshop.
- New safety design, when the tank is full of liquid, air inlet mechanism will be shut off automatically.
- Working Pressure: 70~170 PSI/ 4.9~11.9 BAR
- Air inlet: 1/4"
- Air Consumption: 5 CFM

3/12.0/13.0/4.5’ 4kg

9 Liters manual fluid extractor

9T3606M

- A large 9.0 Liter (2.35gallon) capacity Manual fluid extractor, can be used to extract many kinds of non-explosive liquids.
- Completely using hand pump when you stay out of door.
- New safety design, when the tank is full of liquid, the unit will be shut off automatically.

2/9.5/11.0/4.3’ 4.75kg

5.5 Liters pneumatic fluid extractor

9T3607

- A versatile, portable, air operated fluid extractor for extracting fluids from crankcases, transmission cases, cooling systems and power steering reservoirs.
- This ideal tool designed to be used with many kinds of non-explosive liquids.
- Completely automatic using normal shop air.
- New safety design, when the tank is full of liquid, air inlet mechanism will be shut off automatically.
- Working Pressure: 70~170 PSI / 4.9~11.9 BAR
- Air inlet: 1/4"
- Tank Capacity: 5.5 L
- Air Consumption: 5 CFM

4/9.5/10.5/3.7’ 2.4kg

9-Liter pneumatic oil & liquid dispenser

9T3612

NEW

- New safety design, with the dual-safety protection device, when tank pressure reaches the set level, the devices will start the pressure release automatically.
- Unique design, with the one-touch convert button device, simple and easy function converting between extracting and filling.
- Working pressure: 70~170 PSI/ 4.9~11.9 BAR
- Air inlet: 1/4"
- Tank capacity: 9.0 Liter
- Air consumption:5 CFM

2/6.6/7.6/3.3' 3460g

Pneumatic brake fluid extractor / refilled kit

9T3608

- The unit creates a powerful vacuum that is used to bleed and flush hydraulic brakes and clutches.
- Large, stable base so it won't tip, requires no special adaptors.
- Automatic refilling of the master cylinder reservoir while bleeding.
- Universal drain valve fits to most standard recycling system.
- Working Pressure 70~170 PSI / 4.9~11.9 BAR
- Air inlet: 1/4"
- Air Consumption: 5.0 CFM
- Extracting Tank Capacity: 2.0 L
- Refilling Bottle:1.0 L

2/5.0/5.8/2.3’ 2.6kg

Oil drain tank

9T3701

- The most capacity is 30L.
- The safety capacity is 20L in any positions without splitting.

1/16.0/17.0/3.1’ 16kg

Oil drain tray

9T3706 / 9T3707

- Material: PE
- Dish to save the slop oil.
- Special design on rim for prevent the oil comes out.
- And the producing hole also has special design to pour out the oil.
- Molded handles and 45° spout permit easy handling and pouring.

	Volume		
Part no.	L	packing	g
9T3706	8	10/5.4/6.4/3.2'	540
9T3707	16	10/9.5/11/5'	950

Oil drain tray

9T3708

- Volume: 24L
- material: PE

5/9/11/5.6’ 1800g

Oil draion tray

9T3709 / 9T3710

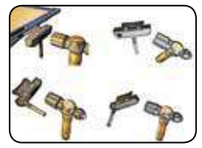
9T3710 9T3709

	Volume		
Part no.	L	packing	g
9T3709	6	10/6.5/8.5/6.3’	665
9T3710	10	10/10/12/9’	1000

Replaceable oil pan separator and clean set

919T1

- Breaks gasket seals on engine sumps, transmissions or any difficult to separate gasket joints.
- The copper blade could avoid damage on gasket or oil pan connection joint surface.
- Clean up wheel tool helps use to clean all small spaces on cylinder head.



50/18.5/19.5/1.42’ 360g

Exhaust spring clamp remover / installer

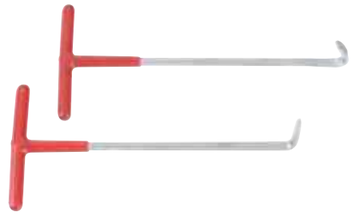
9T0301

- Essential for safe, controlled removal of clamps attaching exhaust to manifold.
- Special design provides “LEVERAGE” required to expand the strong spring clamps.
- For Volkswagen.

48/21.5/22.5/2' 448g

2pc Rubber ring hook tool set

902T1



- Essential for safe, controlled removal of clamps attaching exhaust to manifold.
- Special design provides “LEVERAGE” required to expand the strong spring clamps.
- For Volkswagen.

72/18.5/19.5/6’ 220g

Exhaust hanger removal tool

9T0316

- Easily remove exhaust rubber hanger for a wide range of applications.

710g

3pc Tailpipe expanders set

903T3

903T3A
903T3B
903T3C

- Heavy-duty tools flare and expand in mufflers and tailpipes. Features exist long hex bar.
- Three sizes fit all automotive applications.
- Capacity:
  903T3A: 1-1/8"-1-3/4" (29-44mm)
  903T3B: 1-1/2"-2-7/16" (38-62mm)
  903T3C: 2-1/8"-3-7/16" (54-87mm)

7/20.0/21.0/0.9’ 3kg

Magnetic adjustable camber gauge

688

- It has a simple leveling adjustment of +/-3°. Housed in a durable, non-magnetic casing with a magnetic head that attaches firmly to rotors or spindles.
- Time/money saving device.
- Return a strut to its original camber after repair or replacement.
- Measure camber change before reinstalling alignment heads during camber kit installation.
- Check the amount of camber change before reinstalling tire and wheel assemblies on trucks receiving offset alignment bushings.

12/6.1/7.1/1.3’ 510g

Magnetic adjustable camber gauge

68801

- It has a simple leveling adjustment of +/-3˚. Housed in a durable, non-magnetic casing with a magnetic head that attaches firmly to rotors or spindles.
- Time/money saving device
- Return a strut to its original camber after repair or replacement.
- Measure camber change before reinstalling alignment heads during camber kit installation.
- Check the amount of camber change before reinstalling tire and wheel assemblies on trucks receiving offset alignment bushings.

30/15.0/16.5/1.8’ 500g

Camber adjustment tool for BMW rear axles

902T2

NEW

- Ideally suited for adjusting the camber on the rear axle.
- The rear wishbones can moved with this therefore setting the camber.
- Without this tool the correct and exact adjustment of the camber is almost impossible.
- Application range: BMW 3 series, (E36, E46) .

VW Automatic transmissions socket

9T0205

- Used for loosening and tightening the nut on the drive shaft.
- M6-speed manual gearbox 0A3, 4-wheel drive.
- Application:VW

20/20.0/21.0/0.44’ 1000g

Transmission clutch spring compressor

9T0317

- For removing and installing the transmission rear clutch piston snap ring.
- Adjustable, for most models of American cars and light trucks.

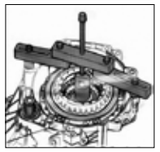
12/16.0/17.0/1.8' 800g

VW Audi 7 Speed DSG clutch installer and remover

905T11

NEW

- This tool is designed to install and remove the clutch of gearbox.
- Application :VW Golf 2004 - present,
  VW Golf Plus 2005 - present ,
  Audi A3 2004 - present with 7-speed gearbox (code 0AM)
  VW Touareg 2003 - present with 6-speed gearbox (code 08D)

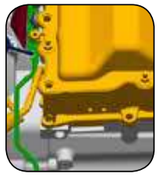


7-Speed DSG mechatronic unit remover for VW, AUDI, SEAT

9G4601

NEW

- Specially designed to remove load from plungers of mechatronic unit when you insert the tool between clutch lever and gear housing.
- Applicable: VW, AUDI, SEAT 7-speed dual clutch gearbox.



154g

8pc Auto transmission filling system

908T9

- The unit is designed to fill fluid into the transmission, differentials and transfer cases.
- Capacity: 7.5L
- Outlet: 80cc/ cycle
- Viscosity Range: up to SAE 140
- Application:Suits Honda, Nissan, BMW, Audi VW, DSG, Porsche, Mini Cooper, Mercedes Benz, etc.

2/10.0/11.2/3.4'

4700g

1/2" DR. 7 PC Wheel bearing locknut sockets set

907T5

- 1PC 55mm Hex locknut Socket:
  For use on front wheel adjusting nuts found on Toyota FJ. Ln, and RN models
- 1PC 2-3/8" Hex locknut Socket:
  Works on 1984-92 Ford Rangers & Bronco lls with automatic locking hubs
- 1PC 2-1/2" Hex locknut Socket:
  Found on rear axles and various front axle applications on light-duty trucks.
- 1PC 2-1/2" Rounded Hex locknut Socket:
  Works on 1995-96 Ford F/150 trucks and full-sized Broncos with automatic locking hubs.
- 1PC 2-3/4" Rounded Hex locknut Socket:
  Works on 3/4" and 1-ton Ford F-250 and F-350 trucks with automatic locking hubs.
- 1PC 2-9/18" Rounded Hex locknut Socket:
  Works on 1990, 1993 Dodde trucks with Dana 60 manual hubs.
- 1PC 2-3/8" Rounded Hex locknut Socket:
  Works on 1990- recent Ford Rangers, Bronco lls, and Explorers with automatic locking hubs.

3/16.0/17.0/1.4 '

5335g

Toyota Hub nut spanner 54mm (1/2"DR.)

9T1450

NEW

- Wheel bearing lock nuts are easy to remove or install with these specially designed sockets.
- High-grade truck wheel bearing lock nut socket is made of high-strength steel.
- Measure from flat to flat to determine size of lock nut.
- Size:1/2"DR. 54 mm hex socket

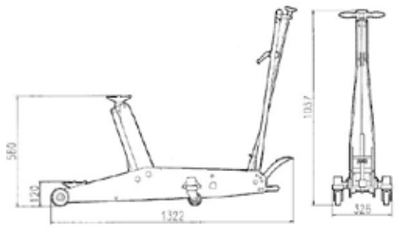
24/13/13.5/1.5'

526g

Service jack 3 Ton

9U3921

- Ideally suited for all automotive, agriculture and light truck repair facilities.
- Pump is operated by both activating foot pedal to provide speed to contact the load, and activating " T" handle to lift it.
- Hydraulic power unit with dust seals to prevent oil contamination.
- Large heavy duty rear swivel caster wheels provide easy maneuvering and positioning of jack.



1/67.0/71.0/4.6’ 67000g

Jack stands

9U39...

- These models incorporate a lever and ratchet assembly for adjusting the height.
- Same as Model 9U3902 but these models are newly designed with rubber pads which can prevent the auto body from damage.

Part No.	Capacity (ton)	Height range (mm)	Base Size (mm)	Packing	g
9U3901(one pair)	3 ton	270-420	177 x 194	1/6.0/6.6/0.66’	6000
9U3902(one pair)	3 ton	290-440	177 x 194	1/6.6/7.2/0.66’	6600

Jack stands

9U39...

- These models are designed for use with trucks, height adjustment is made using the knurled nut and threaded stud.

Part No.	Capacity (ton)	Height range (mm)	Base Size (mm)	Packing	g
9U3903	12 ton	456-710	ψ467	1/18.5/19.5/0.7’	18500
9U3904	12 ton	614-868	ψ590	1/21.0/22.0/1.0	21000
9U3905	12 ton	710-1065	ψ670	1/25.0/26.0/1.0	25000

4. Truck

IVECO truck tool
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SCANIA truck tool
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BENZ truck tool
Page 4-1 ~ 4-3

VOLVO truck tool
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MAN truck tool
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General truck tool
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BPW truck tool
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IVECO Axle nut socket 110mm

9T1405

- Six sided drive H 36.
- Positive drive of the axle nut.
- Any extensive slipping is avoided.
- Milled out profile.
- Robust execution.
- Can be used with an impact wrench or torque wrench.
- Special steel.
- Application range: Iveco Eurotech Cursor HA, etc.

SW(mm)	H(mm)	Outer ø(mm)	L(mm)
110	36.0	134.0	118.0

8/19.0/20.0/1.37' 2375g

IVECO Axle nut socket 98 mm

9T1406

- Six sided drive H 36.
- Positive drive of the axle nut.
- Any extensive slipping is avoided.
- Milled out profile.
- Robust execution.
- Can be used with an impact wrench or torque wrench.
- Special steel.
- Application range: Iveco Euro Cargo, etc.

SW(mm)	H(mm)	Outer ø(mm)	L(mm)
98.0	36.0	122.0	117.0

8/18.0/19.0/1.37' 2250g

BENZ Axle nut socket 95mm

9T1407

- Six sided drive H 36.
- Positive drive of the axle nut.
- Any extensive slipping is avoided.
- Milled out profile.
- Robust execution.
- Can be used with an impact wrench or torque wrench.
- Special steel.
- Application range: Mercedes Benz axle trailers.

SW(mm)	H(mm)	Outer ø(mm)	L(mm)
95.0	36.0	118.0	157.0

8/21.0/22.0/1.42' 2625g

BENZ Rear axle nut socket 105-125 mm

9T1408

- Rigid locating tube.
- High accuracy of fit.
- Extremely robust execution.
- Suitable for high tightening and loosening torque.
- Special steel.
- Application range: Mercedes Benz Actros rear axle, HL/HL 8 (Hypoid), etc.

Inner ømm	Outer ømm	L mm	Stud ømm	Stud	Stud width mm
105.0	125.0	180.0	116.0	6	10.0

6/17.8/18.8/0.9' 2965g

BENZ & MAN Rear axle nut socket 80-95 mm

9T1426

- Rigid locating tube.
- Optional with expander sleeve(bayonet locking system).
- High accuracy of fit.
- Extremely robust execution.
- Suitable for high tightening and loosening torque.
- Special steel.
- Application range: Mercedes Benz Atego Rear axle on Vitaro 814 and MAN, etc.

Inner ømm	Outer ømm	L mm	Stud ømm	Stud	Locating tube ømm	Stud width mm
80.0	95.0	175.0	87.0	6	49.0	10.0

12/19.6/20.6/1.1' 1630g

Benz & Man Rear axle nut socket 95-115 mm

9T1427

- Optional with sleeve locating tube.
- High accuracy of fit.
- Extremely robust execution.
- Suitable for high tightening and loosening torque.
- Special steel.
- Application range: Mercedes Benz and MAN 10+13t Reduction axle, Hypoid and Trailer axle NR7/4,Omnibus 0305G + 0405G, etc.

Inner ømm	Outer ømm	L mm	Stud ømm	Stud	Stud width mm
95.0	115.0	110.0	101.0	6	11.5

8/23.0/24.0/0.7' 2875g

BENZ & MAN Clamp nut socket 56 mm

9T1424

- For professional loosening and tightening.
- Extremely versatile.
- Rectangular form.
- Usable with rectangular clamp nuts on the axle stub.
- Suitable for exact torque with a 3/4" square drive.
- Milled-out profile.
- For machinery usage.
- Special steel.
- Application range: DAF, MAN trucks / BENZ trucks / BENZ buses / KASSBOHRER / SETRA.

SW mm	DR.	H mm
56.0	3/4"	53.0

20/18.5/19.5/0.36' 925g

BENZ & MAN Clamp nut socket 60 mm

9T1425

- For professional loosening and tightening.
- Extremely versatile.
- Rectangular form.
- Usable with rectangular clamp nuts on the axle stub.
- Suitable for exact torque with a 3/4" square drive.
- Milled-out profile.
- For machinery usage.
- Special steel.
- Application range: BENZ SK , Actros / MAN 9 tons strengthen / DAF / KASSBOHERE / SETRA

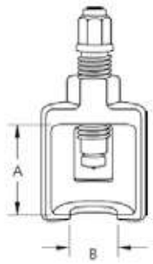
SW mm	DR.	H mm
60.0	3/4"	53.0

20/16.3/17.3/0.36' 815g

3/4" DR. BENZ & MAN Pitman arm puller 42mm

6281842

- Pressure pieces in the spindle rotating mounted.
- Save time and labor.
- No need to destroy the pitman arm.
- Cast forged execution.
- Special steel.
- Size:3/4" DR. 63(A) x 42(B) mm
- Application: Benz Actros & MAN 414



6/22.0/23.0/0.66' 3666g

MAN TGA Drive axle nut socket 133-145mm

9T1410

- Six sided drive H 60.
- Optional with sleeve Locating tube.
- High accuracy of fit.
- Extremely robust execution.
- Suitable for high tightening and loosening torque.
- Special steel.
- Application range: MAN TGA 460drive axle, V9-82L-01(Disk brake/ABS), etc.

Inner ømm	Outer ømm	L mm	Stud ømm	Stud	Stud width mm
133.0	147.0	160.0	118.0	6	12.0

4/18.6/19.6/1.3' 4650g

MAN TGA Front axle nut socket 133-145mm

9T1409

- Six sided drive H 60.
- Optional with sleeve Locating tube.
- High accuracy of fit.
- Extremely robust execution.
- Suitable for high tightening and loosening torque.
- Special steel.
- Application range: MAN TGA Front axle, V9-82L-01(Disk brake/ABS), etc.

Inner ømm	Outer ømm	L mm	Stud ømm	Stud	Stud width mm
133.0	147.0	110.0	118.0	6	12.0

4/15.3/16.3/0.7' 3825g

MAN TGA Front axle nut socket 101-110mm

9T1411

- Six sided drive H 60
- High accuracy of fit.
- Extremely robust execution.
- Suitable for high tightening and loosening torque.
- Special steel.
- Application range: MAN TGA Front axle, V9-82L-01 (Disk brake/ABS),etc.

Inner ømm	Outer ømm	L mm	Stud ømm	Stud	Stud width mm
101.0	110.0	80.0	93.0	6	7.2

8/21.5/22.5/0.5' 2687g

MAN truck transmission socket 53.5mm

9T1412

• This special socket removes, transmission nut on MAN trucks.

Inner ømm	Outer ømm	L mm	DR.	Stud ømm
53.5	72.0	75.0	3/4"	4

12/16.8/17.8/0.35' 1400g

MAN Front wheel hub extractor tool 115mm

9T1429

• The tool is used to remove the front-wheel hub.
• Use this axle with spanner to spin the screw.
• Extremely robust execution.
• Flat oval form.
• European truck repair tool.
• Special steel.
• Specification:M115*P1.5
• Application:MAN truck

4/16.0/17.0/1.1' 4000g

3/4" DR. MAN Pitman arm puller 67mm

6281867

• The tool is designed for extracting pitman arm of MAN.
• It's different from traditional puller that prevents pitman arm from damage.
• Use H6,70mm socket to remove the fixed nut on the pitman arm before using this tool.
• Cast forged execution.
• Special steel.
• Size:3/4" DR. 75(A) x 67(B) mm
• Application:MAN Tractor Trailer FE410A/FE414.

4/18.4/19.4/0.66' 4600g

3/4" DR. MAN Star impact socket for HGV Cylinder head bolt (E18 , E20 , E24)

466110

• Size : E18 , E20, E24
• 3/4" DR. 110mm.
• For HGV cylinder head bolts.

Part no.	Size	mm	g	Applications
46611018	E18	110 mm	520	For MAN commercial vehicles M2000 and MAN buses with D08 engines.
		30/15/16/0.4'		
46611020	E20	110 mm	540	For MAN commercial vehicles F2000 , F90 , F8 and MAN buses with D25 and D28 engines.
		30/16.2/17.2/0.4'		
46611024	E24	110 mm	591	For MAN commercial vehicles with D20 engines.
		30/17.7/18.7/0.4'		

BPW Rear hubcap nut socket 111mm

9T1417

• Special heavy duty oval shape socket with two flats on the side to suit BPW rear axle hub retaining cap nuts fount on later model Japanese commercial trucks, tractors and other automotive industrial equipment.
• For extracting the rear axle cover.
• Male Hex Drive: 1-5/8" (41mm)
• Size: 4-3/8" (111mm) Across the flats.
• Application range: BPW 12 tons

Inner ømm	Outer ømm	L mm	H mm
111.0	132.0	94.0	41.0

6/17.0/18.0/0.6' 2833g

BPW Rear hubcap nut socket 95mm

9T1420

• For extracting the rear axle cover.
• Application: BPW 6.5~9 tons truck.

6/15.0/16.0/0.6' 2500g

BPW Rear hubcap nut socket 120mm

9T1416

- Special heavy duty eight point socket to suit BPW rear axle hub retaining cap nuts fount on later model Japanese commercial trucks, tractors and other automotive industrial equipment.
- Male hex drive: 1-5/8" (41mm)
- Size: 4-3/4" (120mm) 8 Point opening
- Application range: BPW former 16 tons

Inner mm	Outer ømm	L mm	H mm
120.0	143.0	95.0	41.0

6/18.0/19.0/0.6' 3000g

BPW Rear hubcap nut socket 109mm

9T1418

- Special heavy duty eight point socket to suit BPW rear axle hub retaining cap nuts fount on later model Japanese commercial trucks, tractors and other automotive industrial equipment.
- Socket for the rear axle cover.
- Male Hex drive: 1-5/8" (41mm)
- Size: 4-5/16" (109mm) 8 Point opening
- Special steel
- Application range: BPW 12 tons

Inner ømm	Outer ømm	L mm	H mm
109.0	129.0	94.0	41.0

6/15.0/16.0/0.6' 2500g

BPW Axle nut socket 65mm

9T1419

- For the dismantling and assembly of BPW axle nuts
- Extremely versatile
- Flat oval form
- Suitable for exact torque with a 3/4“ square drive
- For machinery usage
- Special steel
- Application range:6.5~9 tons trucks

Inner ømm	Outer ømm	L mm	H mm
65.0	82.0	66.0	36.0

4/15.5/16.5/0.5' 3875g

BPW Axle extractor 135mm

9T1430

- Use this tool on axle with spanner to spin the screw.
- Extremely robust execution.
- Flat oval form.
- European truck repair tool.
- Special steel.
- Specification:M135*P2.0.
- Application:BPW ECO 10~12 tons old model.

2/13.5/14.5/0.6' 6750g

BPW Axle extractor 136mm

9T1431

- Use this tool on axle with spanner to spin the screw.
- Extremely robust execution.
- Flat oval form.
- European truck repair tool.
- Special steel.
- Specification:M136*P2.5.
- Application:BPW ECO Plus 8~12 tons , BPW ECO 10 tons new model..

2/13.5/14.5/0.6' 6750g

BPW Axle extractor 155mm

9T1432

- Use this tool on axle with spanner to spin the screw.
- Extremely robust execution.
- Flat oval form.
- European truck repair tool.
- Special steel.
- Specification:M155*P3.0.
- Application:For former model of 16 tons truck.

2/13.5/14.5/0.6' 6750g

BPW Axle extractor 125mm

9T1433

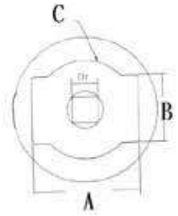
- Use this tool on axle with spanner to spin the screw.
- Extremely robust execution.
- Flat oval form.
- European truck repair tool.
- Special steel.
- Specification:M125*P2.0.
- Application:For former 12 tons trailer.

4/16.0/17.0/1.1' 4000g

3/4" DR. Wheel capsule and axle nut socket

9T1435

- For clean , easy loosening and tightening of flat oval wheel capsules and axle nuts for BPW axles.
- For the dismantling and assembly of grease capsule on BPW axles.



Part no.	A mm	B mm	C mm	DR.	g	packing
9T1435A	65	40	60	3/4''	1000	16/16.0/17.0/0.65'
9T1435B	80	50	72	3/4''	1187	16/19.0/20.0/0.65'
9T1435C	85	50	80	3/4''	1062	16/17.0/18.0/0.65'
9T1435D	95	40	68	3/4''	1583	12/19.0/20.0/1.2'
9T1435E	110	45	107	3/4''	2000	10/20.0/21.0/1.0'
9T1435F	120	48.5	115	3/4''	2500	8/20.0/21.01.1'

SCANIA Front wheel nut socket 80mm

9T1422

- This eight sided 80mm socket is specifically for front-wheel nut sockets on SCANIA trucks.
- SCANIA front-wheel nut socket.

Inner ømm	Outer ømm	L mm	H mm
80.0	100.0	102.0	41.0

12/21.6/22.6/0.65' 1800g

SCANIA Front wheel nut socket 100mm

9T1423

- Control the nut with slide rod to adjust bearing.
- This eight sided 100mm socket is designed specifically for rear wheel nut sockets on Scania trucks.

Inner ømm	Outer ømm	L mm	DR.
100.0	123.0	84.0	3/4"

6/17.0/18.0/0.5' 2833g

SCANIA Transmission clutch front main shaft socket

9T1421

- This special socket removes.
- European truck repair tool.

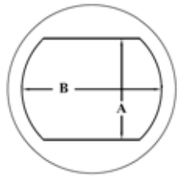
Inner ømm	L mm	Stud ømm	Stud	Stud width mm	DR.
80.8	76.1	72.5	4	6.75	3/4"

10/18.5/19.5/0.8' 1850g

3/4" DR. SCANIA Front - wheel shock absorber spring socket

9T1436

- To apply for SCANIA front-wheel shock absorber spring screws removal / installation.
- European truck repair tool.
- Size:3/4" DR. 28.5(A) x 37.4(B) mm
- Application:SCANIA

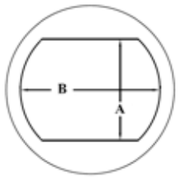


36/16.0/17.0/0.61' 444g

3/4" DR. SCANIA Rear axles damper rod socket

9T1437

- To apply for SCANIA rear axles damper rod screws removal / installation.
- European truck repair tool.
- Size:3/4" DR. 34.5(A) x 47.5(B) mm
- Application:SCANIA

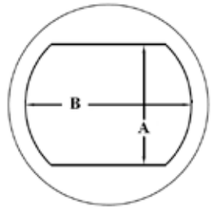


24/15.0/16.0/0.42' 625g

3/4" DR. SCANIA Rear wheel shock absorber spring socket

9T1438

- To apply for SCANIA rear wheel shock absorber spring screws remove / install.
- European truck repair tool.
- Size:3/4" DR. 34.5(A)x 56(B) mm
- Application:SCANIA



24/15.0/16.0/1.0' 625g

3/4" DR. SCANIA pitman arm puller 58mm

6281858

- To use on pitman arm of European trucks. No need to destroy the pitman arm.
- Cast forged execution.
- Special steel.
- Size:3/4" DR. 75(A) x 58(B) mm
- Application:European Truck, such as SCANIA.

4/18.4/19.4/0.53' 4600g

3/4" DR. SCANIA Star impact socket (E28)

46611028

- To remove and install the bolt of crankshaft bearing cap.
- Applicable:SCANIA Ti engine.

Part no.	Size	*l* mm
46611028	E28	110 mm

30/17.6/18.6/0.4' 588g

1/2"DR. SCANIA Truck camshaft rotator tool

9K0101

- This tool is designed to rotate the camshaft for timing on SCANIA truck engines.
- Size:Spline Tooth x 1/2"Drive..

100/22.6/23.6/0.45' 226g

Caliper adjuster socket 24mm

9T1439

- Size:H24 , 5 teeth , 46mm L.
- Barreled round shape.
- Material:SCM440.
- Application:Most European trucks, such as SCANIA, VOLVO… etc.

100/17.0/18.0/2.0' 170g

Axle nut socket 140mm

9T1428

- Positive drive of the axle nut.
- Robust execution.
- Can be used with an impact wrench or torque wrench.
- Ideally suited for brake restoration working.
- Forward tension with SW 32mm is at 150 N-m.
- Angle of rotation 20-30 with SW 46.
- Special steel.
- Application range: SAF Euro axle, etc

Inner ømm	L mm	H mm
140.0	135.0	32,46

4/17.5/18.5/1.36' 4375g