



NEW PRODUCTS 2020

Edition 1



FUSE SAVER DIGITAL

- Professional unit designed to protect on-board computer systems and modules from current overload during electrical service
- Suitable for standard and mini fuse types
- Select up to 9 levels of protection
- Automatic current cut-off when selected value is exceeded
- Built in warning buzzer
- Supplied in custom moulded plastic hard case

| Part No. | Capacity |
|---------------|---|
| 302199 | 2A, 3A, 4A, 5A, 10A, 15A, 20A, 25A, 30A |



BRAKE FLUID TESTER DIGITAL

- Professional brake fluid tester measures the boiling point of the brake fluid
- Digital LCD display provides brake fluid condition
- Heavy duty construction withstands most automotive fluids and chemicals
- Includes syringe and testing beaker
- Suitable for all dot brake fluids
- Wet boiling point is the reference temperature for changing the brake fluid
- Dry boiling point is the reference temperature for new brake fluid
- Supplied in custom moulded plastic hard case

| Part No. | Voltage (power source) | Accuracy of the tester |
|---------------|------------------------|-----------------------------|
| 310009 | 12V | ±3°C @ <180°C ±5°C @ >180°C |



BEARING SEPARATOR KIT MECHANICAL & HYDRAULIC

- Comprehensive bearing separator kit contains all the components for mechanical and hydraulic assembly
- Designed for removing stubborn bearings, gears, sprockets and pulleys effortlessly without damaging shaft and surrounding components
- Includes heavy duty 10 tonne hydraulic ram and 210mm forcing screw with centre nut, triple beam, various extension rods, puller leg set and three jaw bearing separator
- Suitable for automotive, industrial and engineering applications
- Manufactured from drop forged high grade steel, heat treated for strength and durability
- Supplied in two tier custom foam trays and heavy duty storage case
- Spare parts available



| Part No. | Force | Spread (Max) | Reach (Max) | Separator Range |
|---------------|----------|--------------|-------------|-----------------|
| 265015 | 10 Tonne | 170mm | 900mm | 35 - 105mm |

MECHANICAL SERVICE



WHEEL HUB CLEANER

- Cleans the surface of the wheel hub
- Removes corrosion and debris to ensure flush fitment of wheel surface
- Suitable for use with electric and pneumatic drills and impact wrench guns
- Safe to use on all wheel type hub surfaces



| Part No. | Size | Square Drive |
|---------------|---------|--------------|
| 321078 | Ø 150mm | 1/2" |



WHEEL HUB CLEANER KIT

8 PIECE

- Designed to clean corrosion on hub and wheel surfaces including wheel studs
- Quick change multi-head design with popular sizes for cleaning wheel studs and grinding wheel hub
- Includes 1/4" quick release style adaptor to suit both electric or pneumatic drills
- Safe to use on all wheel type hub surfaces
- Manufactured from heavy duty plastic resistant to most impact



| Part No. | Brush Size | Grinding Pad Size | Square Drive |
|---------------|------------|------------------------------|--------------|
| 321204 | 13, 18mm | Ø 23mm x 3pcs, Ø 15mm x 2pcs | 1/2" |



TYRE TREAD DEPTH GAUGE

- Accurately measures tyre tread depth, shoulder wear and centre tyre line
- Pencil type with handy pocket clip for easy storage
- Black background with white and yellow marking provides excellent visibility when in use
- Calibrated with metric and imperial graduations
- Robust stainless steel with brass centre plunger for strength and durability
- Suitable for cars, motorcycles, light commercial and heavy vehicles



| Part No. | Range | Length |
|---------------|----------|--------|
| 309102 | 0 - 25mm | 90mm |



HEATER HOSE DECOUPLING TOOL

FORD

- Easily remove heater hose connector without damaging lock
- Simply slide it over the connector to release lock and turn
- Suitable for most Ford vehicles including Focus, Escape and Kuga EcoBoost etc



| Part No. | Application |
|---------------|-------------|
| 313430 | Ford |



BRAKE DISC REMOVAL KIT

- For the removal of stubborn brake discs and drums
- Reduces impact on wheel bearings, ball joints, suspension and electrical sensors
- Adjustable jaws allow 400mm spread (max.)
- Suitable for passenger and light commercial vehicles
- Heavy duty construction for long service life
- Supplied in custom moulded plastic hard case



| Part No. | Capacity |
|---------------|-------------|
| 310260 | 170 - 400mm |



FLUID EXTRACTOR
MANUAL & PNEUMATIC 10 LITRE

- Designed to extract fluids easily and efficiently
- Handy for the extraction of engine oil via the dipstick
- Suitable for engine oil, transmission fluid, differential, brake fluid and hydraulic oils etc.
- Includes four various lengths and diameter suction tubes
- Adjustable flow rate switch with integrated pressure relief valve and storage hook for hose and tubes
- Heavy duty venturi system design provides excellent performance
- Manufactured from durable polypropylene construction

| Part No. | Style | Capacity |
|---------------|--------------------|-----------|
| 305164 | Manual & pneumatic | 10 litres |

| Spare Part No. | Description | Size | Length |
|----------------|-----------------------|--------|--------|
| 305164A | Gear oil tube | Ø 10mm | 400mm |
| 305164B | Dipstick tube - Blue | Ø 6mm | 735mm |
| 305164C | Dipstick tube - Black | Ø 7mm | 860mm |
| 305164D | Nylon suction tube | Ø 6mm | 720mm |
| 305164E | Main hose | Ø 10mm | 1500mm |



TORQUE BAR & DEEP SOCKET SET
8 PIECE

- Professional set to accurately torque wheel nuts to correct specifications
- Having the wheels set at the correct torque will prevent distortion of the wheels and surrounding components with added security
- Thin wall with protective polypropylene sleeve ensures wheel surface is damage free
- Colour coded anodized pieces to conveniently identify the required torque bar and socket
- Knurled aluminium ring provides no-slip grip
- Deep impact sockets suitable for use with impact wrench
- Manufactured from chrome molybdenum for strength and durability
- Supplied in custom foam tray inlay and plastic hard case



| Part No. | Size | Torque Bar | Square Drive |
|---------------|------------------|--|--------------|
| 309512 | 17, 19, 21, 22mm | 65, 80, 100, 120ft.lbs (90, 110, 135, 160Nm) | 1/2" |



FUEL LINE CAP NUT SET
12 PIECE

- Seals fuel lines and components from debris and contamination during service or repairs
- Universal application suitable for high pressure pumps, fuel lines, injectors, fuel rails etc
- Suitable for common rail diesel and direct injection petrol engines
- Supplied in custom moulded plastic hard case



| Part No. | Contents |
|---------------|-----------------------------------|
| 307351 | 6 x M12 x 1.50 and 6 x M14 x 1.50 |

MECHANICAL SERVICE



COOLING SYSTEM FLUSHING GUN PNEUMATIC

- Provides high pressure cleaning of radiators and heater cores
- Simply connect air line and water supply and pull trigger
- Essential tool for complete flush of cooling system from old coolant, dirt, rust and scale



| Part No. | Stepped Cone Size | Operation Pressure | Air Inlet Size |
|---------------|------------------------|--------------------|----------------|
| 308239 | Ø 19, 29, 32, 37, 40mm | 90psi | 1/4" BSP |



LOW PROFILE DRAIN PAN

- Low profile drain pan suitable for automotive fluids such as engine oil, coolant, brake fluid, transmission oil, petrol and diesel fuel, etc
- Removable splash screen grill and recessed castors provide easy mobility and transportation
- Drain plug provides easy dispensing of waste fluid
- Suitable height for work under motorcycles and ATV's
- Manufactured from polyethylene plastic for strength and durability



| Part No. | Dimensions | Capacity |
|---------------|-------------------|----------|
| 305089 | 850 x 600 x 125mm | 20L |



BRAKE & TYRE MEASURING TOOL

- Multi-function tool for accurate measurement of disc rotor, brake pad thickness and tyre tread wear without removing wheel
- Stoppers to record readings
- Easy to read display
- Suitable for passenger, 4WD and light commercial vehicles
- Manufactured from high grade aluminium for long service life



| Part No. | Tyre Treads Range | Brake Measuring Range |
|---------------|-------------------|-----------------------|
| 310019 | 0 - 25mm | 10 - 60mm |



COOLING SYSTEM PRESSURE TEST KIT UNIVERSAL

- Universal cooling system pressure tester
- Diagnose overheating issues, head gasket leakage, loss of coolant, heating and cooling faults
- Suitable for radiators with bayonet style filler necks and screw on cap expansion tank style
- Hand pump provides a maximum of 35psi of pressure
- Rubber protector case on gauge prevents damage
- Manufactured from aluminium for long service life
- Contains 1 universal with 3 rubber adaptor rings, 3 bayonet caps and 1 thermometer
- Supplied in custom moulded plastic hard case

| Part No. | Size Range |
|---------------|-----------------|
| 308370 | Ø 30.3 - 44.0mm |

MECHANICAL SERVICE



WHEEL BEARING LOCK NUT SOCKET

- Octagon 8 point 4 1/8"
- Removes and installs wheel bearing hub lock nut
- Suitable for trucks and heavy vehicles
- Heavy duty construction
- Manufactured from high strength steel tube
- New size addition - see website for full size range

| Part No. | Size | Square Drive |
|---------------|--------|--------------|
| 309043 | 4 1/8" | 3/4" |



WHEEL LOCK NUT REMOVAL KIT
14 PIECE

- Professional tool kit designed for removing wheel lock nuts on most factory and aftermarket wheels without causing damage
- Conical shaped design allows sockets to fit firmly over the lock nuts
- Includes punch set for installation and removal
- Knurled punches provide additional grip during use
- Suitable for use with impact wrench or breaker bar
- Heavy duty construction for strength and durability
- Supplied in custom moulded foam tray in plastic hard case



| Part No. | Size Range (Internal diameter) |
|---------------|--|
| 309250 | 19.4, 20.4, 21.4, 22.4, 23.4, 24.4, 25.4, 27.8, 28.8, 29.8mm |



WHEEL LOCK NUT REMOVAL SET

10 PIECE

- Designed for removing wheel lock nuts
- Internal conical shaped socket grips over the lock nut
- Suitable for use with impact wrench or breaker bar
- Deep sockets 60mm
- Includes 2 punches
- Manufactured from chrome molybdenum
- Supplied in custom moulded plastic hard case



| Part No. | Size Range (Internal Diameter) |
|---------------|--|
| 309407 | 18.5 - 15.6, 19.5 - 17.6, 20.4 - 18.5, 21.6 - 19.7, 22.5 - 20.6, 23.6 - 21.7, 24.5 - 22.6, 25.5 - 23.6mm |



WHEEL LOCK SOCKET & BIT MASTER SET

16 PIECE

- Professional tool set for removing locking wheel nuts
- Universal master set suitable for various factory and aftermarket wheels
- Contains 9 socket style and 7 bit style keys
- Dual hex drive suitable for use with 21mm or 22mm socket
- Manufactured from heat treated chrome vanadium steel for strength and durability
- Supplied in custom moulded plastic hard case



| Part No. | Hex Drive | Pieces |
|---------------|------------|--------|
| 309249 | 21 or 22mm | 16 |

Contents

| Style | Size |
|-------|---------------------|
| | Spline 12 pt 11/16" |
| | Spline 6 pt 41/64" |
| | Spline 6 pt 45/64" |
| | Star 9 pt 1/2" |
| | Fluted hex 12mm |
| | Hex 12mm |
| | Hex 9/16" |
| | Star 8 pt 5/8" |
| | Spline 7 pt 5/8" |
| | Spline 5 pt 5/8" |
| | Spline 7 pt 11/16" |
| | Star 10 pt 1/2" |
| | Star 8 pt 7/16" |
| | Hex 15mm |
| | Spline 12 pt 13/16" |
| | Spline 7 pt 3/4" |

MECHANICAL SERVICE



311069



311070



311071

BALL JOINT PULLER

- Heavy duty pullers for the removal of stubborn or seized ball joints
- Suitable for use with impact wrench
- Universal tool applicable for passenger and commercial vehicles
- Also suitable for removing ball joints on track rod ends, steering knuckles etc.
- Manufactured from chrome molybdenum

| Part No. | Description | Jaw Opening | Capacity |
|---------------|---------------------------------|-------------|----------|
| 311069 | Ball Joint Puller - Window type | 30mm | 60mm |
| 311070 | Ball Joint Puller - Window type | 32mm | 92mm |
| 311071 | Ball Joint Puller - Window type | 39mm | 60mm |



305214



305264



OIL MEASURING CONTAINERS

- Detachable flexible spout and cover lid for easy pouring
- Ideal for efficiently topping up fluids under bonnet
- Suitable for engine oil, transmission oil, coolant and non-corrosive liquids
- Dual scale litres and quarts
- Manufactured from translucent high density polyethylene
- Temperature rating: 60°C (Max.)



| Part No. | Capacity | Spout Length |
|---------------|----------|--------------|
| 305214 | 1L | 180mm |
| 305264 | 5L | 180mm |



245500



245501



245502



245503

UNIVERSAL JOINT PULLERS

- Professional tool for removing universal joints on tail shafts
- Dismantles safely without impact or excessive force preventing distortion to the flange
- Universal tool suitable for passenger, light commercial and heavy vehicles including tractors and stationary plants
- Essential tool for repairing and servicing tail shafts
- Manufactured from heavy duty steel for superior strength



| Part No. | Description | Size Range (O.D) |
|---------------|--------------------------------------|---|
| 245500 | Universal Joint Puller - Small | 1.0" to 1.25" (25.40 to 31.75mm) |
| 245501 | Universal Joint Puller - Medium | 1.25" to 1.7" (31.75 to 43.18mm) |
| 245502 | Universal Joint Puller - Large | 1.5" to 2.2" (38.10 to 55.88mm) |
| 245503 | Universal Joint Puller - Extra Large | Dana/Spicer SPL 350 and Meritor or RPL 35 Series drivelines |



RATCHETING GEAR PULLER QUICK CHANGE - TWIN & TRIPLE

- Designed for removing gears, sprockets and pulleys etc.
- Convert from internal to external and 2 to 3 leg configuration with it's special design quick change ratcheting mechanism
- Manufactured from drop-forged chrome molybdenum steel for strength and durability
- Supplied in heavy duty custom moulded storage case



| Part No. | Reach | Spread | Capacity |
|---------------|-------------|-------------|----------|
| 225050 | 100 & 170mm | 150 - 220mm | 5 tonnes |

MECHANICAL SERVICE



OIL FUNNEL MASTER KIT

14 PIECE

- Professional kit to accurately fill engine oil without spillage
- Highly recommended for vehicles with internal baffles in oil filler necks
- Includes angled and extension neck for access in confined engine bays
- Anti-static funnel manufactured from heavy duty polyurethane
- Adaptors create a tight seal and holds funnel firm
- Applicable for most vehicles on the Australian car parc including Toyota, Ford, Mazda, Honda, Holden, Audi, VW etc



| Part No. | Capacity | Pieces |
|---------------|----------|--------|
| 310420 | 2 Litre | 14 |



SANDBLASTING GUN

PNEUMATIC 1 LITRE

- Effective way of removing contaminants on surfaces such as rust, paint or lacquer
- Suitable for automotive and industrial applications
- Supplied with adjustable steel nozzle to control output flow rate
- Suitable for use with walnut shells, aluminium oxide or any appropriate abrasive media
- Manufactured from heavy duty polyurethane with steel head



| Part No. | Working Pressure | Inlet | Nozzle Length |
|---------------|---------------------------|------------|---------------|
| 305166 | 87 - 145 psi (6 - 10 bar) | 1/4"-18NPT | 88mm |



COOLANT FUNNEL SET

UNIVERSAL 13 PIECE

- Professional coolant filling kit designed to reduce air locks during refilling
- Accurately refill coolant without spillage
- Suitable for most Japanese, European, Hyundai and KIA vehicles with petrol and diesel engines
- Manufactured from heavy duty materials resistant to coolant and most workshop solvents
- Supplied in custom moulded foam tray in plastic hard case



| Part No. | Funnel Capacity | Pieces |
|---------------|-----------------|--------|
| 305076 | 2 Litre | 13 |

Contents

| Description | Image | Description | Image |
|--------------------------------|-------|--|-------|
| Funnel | | European adaptor seal - 42mm | |
| Universal adjustable adaptor | | European adaptor seal - 45mm | |
| Universal conical adaptor seal | | Suits Japanese & American vehicles | |
| European adaptor seal - 31mm | | Suits Korean vehicles Hyundai & KIA | |
| European adaptor seal - 35mm | | Suits Honda & Toyota vehicles | |
| European adaptor seal - 40mm | | Suits Mitsubishi, Nissan, Mazda & Ford | |

MECHANICAL SERVICE



OIL FILTER WRENCH TOOL FORD

- Essential tool for removing oil filter housing
- Articulated design allows you to clear any obstruction in engine bay during removal
- Applicable to Ford Duratorq 2.0 TDI, 2.2 TDCI, Citroen & Peugeot 2.2 HDI, 2.0 HDI and Jaguar XF 2.2D
- Equivalent OEM: 303-1579



| Part No. | Size | Square Drive |
|---------------|------|--------------|
| 305915 | 27mm | 1/2" |



OIL FILTER WRENCH TOOL HOLDEN/GM

- Essential tool for removing oil filter housing
- Articulated design allows you to clear any obstruction in engine bay during removal
- Applicable to Holden/GM 2.0L & 2.2L engines with A and Z codes
- Equivalent OEM: KM-6150

| Part No. | Size | Square Drive |
|---------------|------|--------------|
| 305916 | 32mm | 1/2" |



BALL JOINT PULLER HYDRAULIC

- Specialty tool designed for removing stubborn ball joints while minimising damage to other components
- Hydraulic operation makes light work of the most difficult jobs
- For passenger, 4WD and light commercial vehicles
- Accessible to multiple sized ball joints
- Manufactured from heavy duty hardened steel for long service life
- Supplied in custom moulded plastic hard case

| Part No. | Jaw Opening | Fitment Range | Capacity |
|---------------|-------------|---------------|----------|
| 311302 | 25 & 32mm | 60 - 72mm | 7 Tonne |



DRUM MEASUREMENT CALIPER DIGITAL 300MM

- Internal jaws accurately measure brake drum liner for wear
- External jaws accurately measure brake disc, pads and drum shoes
- Features locking screw for firm fixation and micro adjustment sliding carriage
- Hardened stainless steel frame and jaws for strength and durability
- Large LCD screen with metric and imperial read out
- Includes calibration certificate
- Supplied in plastic storage case
- Battery included



| Part No. | Range | Accuracy |
|---------------|-----------|-----------------|
| 310253 | 0 - 300mm | ±0.03mm/0.001in |



BLENDING HAMMER & TAP DOWN TOOL KIT

- Designed for blending and manipulating panels
- Suitable for painless dent repairs
- Manufactured from high grade aluminium for light weight and durability
- Ergonomic handle with storage space for tips
- Includes 4 changeable tips



| Part No. | Tips | Overall Length |
|---------------|---|----------------|
| 313089 | Sharp tip, mushroom head tip, blunt tip, ball tip | 300mm |

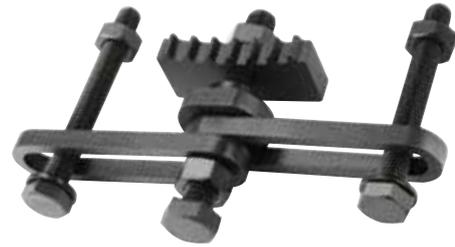


TIMING GEAR HOLDER
UNIVERSAL

- Holds timing gear without damage and allows adjustment of timing during service or repair
- Three position for locking arm and adjustable locking peg with quick lock lever
- Universal to suit most sprocket size
- Suitable for holding sprocket to remove or tighten centre bolt
- Manufactured from heat treated steel with non-slip PVC grip



| Part No. | Size Range | Length (Max.) |
|---------------|------------|---------------|
| 304200 | 50 - 150mm | 380mm |



FLYWHEEL LOCKING TOOL
HYUNDAI/KIA

- Suitable for popular Hyundai/KIA petrol engines
- For the locking of the flywheel (crankshaft) during the removal and installation of the engine timing belt, chain and other engine service and repairs
- Equivalent to OEM part number 09231-2B100



| Part No. | Applications |
|---------------|--------------|
| 304787 | Hyundai/Kia |



TIMING TOOL KIT
VW CAMSHAFT FITTING TOOL

- Suitable for popular Volkswagen, Audi, Skoda and Porsche models covering 1.6 - 4.2 TDI engines
- Essential kit designed for reassembling and aligning camshafts in cylinder head during service and repairs
- Contains all the required holding and aligning tools for refitting camshaft
- Equivalent OEM: T40094, T40095, T40096
- Supplied in custom moulded foam tray in plastic hard case



| Part No. | Applications |
|---------------|-----------------------------------|
| 304777 | Volkswagen, Audi, Skoda & Porsche |

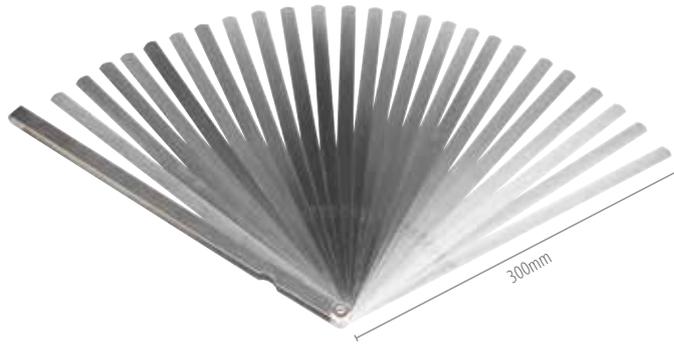


TIMING TOOL KIT

- Suitable for popular Ford Territory 2.7L TDI diesel engine applications
- For locking and alignment of the camshafts, crankshaft and tensioner during removals and installation of the engine timing belt and other engine servicing and repairs
- Supplied in custom foam tray in heavy duty steel case

| Part No. | Application | | |
|---------------|---------------------|--------------|-------------|
| 304786 | Make & Model | Engine | Year |
| | Ford Territory (SZ) | 2.7L (276DT) | 2011 - 2016 |

WORKSHOP GENERAL



FEELER GAUGE EXTRA LONG METRIC & IMPERIAL 300MM/12"

- Extra long feeler gauge designed to accurately measure small gaps in hard to reach places
- Laser etched size marking and adjustable lock out nut for stabilising
- Metric and imperial measuring units
- Suitable for automotive, engineering and manufacturing etc
- Manufactured from heavy duty spring steel
- 25 blade

| Part No. | Blade Size: Metric (Imperial) | | | | |
|---------------|-------------------------------|------------------|------------------|------------------|------------------|
| 321669 | 0.038mm (0.0015") | 0.152mm (0.006") | 0.279mm (0.011") | 0.406mm (0.016") | 0.533mm (0.021") |
| | 0.051mm (0.002") | 0.178mm (0.007") | 0.305mm (0.012") | 0.432mm (0.017") | 0.635mm (0.025") |
| | 0.076mm (0.003") | 0.203mm (0.008") | 0.330mm (0.013") | 0.457mm (0.018") | 0.686mm (0.027") |
| | 0.102mm (0.004") | 0.229mm (0.009") | 0.356mm (0.014") | 0.483mm (0.019") | 0.762mm (0.030") |
| | 0.127mm (0.005") | 0.254mm (0.010") | 0.381mm (0.015") | 0.508mm (0.020") | 1.016mm (0.040") |



301627



301615



PUNCH SETS LETTER & NUMBER

- Letter punch sets suitable for automotive and industrial applications
- Long shank for safety and stability
- Letter punch set contains upper case letters featuring "A-Z" and "&" symbol
- Number punch set contains numbers "0 - 9" (6/9 reversible)
- Applicable for most metal surfaces, including wood and plastic
- Compact sets supplied in plastic storage case
- Manufactured from hardened chrome vanadium steel with special sand blasting finish



| Letter punch set Letters "A to Z" and "&" symbol | | |
|---|-----------------|--------|
| Part No. | Punch Size | Pieces |
| 301626 | Ø 3.0mm (1/8") | 27 |
| 301627 | Ø 5.0mm (3/16") | 27 |
| 301628 | Ø 6.0mm (1/4") | 27 |
| 301629 | Ø 8.0mm (5/16") | 27 |
| 301630 | Ø 10.0mm (3/8") | 27 |

| Number punch set Numbers "0-9" (6/9 reversible) | | |
|--|-----------------|--------|
| Part No. | Punch Size | Pieces |
| 301615 | Ø 3.0mm (1/8") | 9 |
| 301616 | Ø 5.0mm (3/16") | 9 |
| 301617 | Ø 6.0mm (1/4") | 9 |
| 301618 | Ø 8.0mm (5/16") | 9 |
| 301619 | Ø 10.0mm (3/8") | 9 |



PROFESSIONAL TYRE UNIT

- Safely removes valve core and rapidly inflates tyres
- Knurled valve core remover provides non slip grip
- Reduces inflation/deflation time of commercial vehicle tyres
- Eliminates the risk of serious injuries from tyre valve core under pressure
- Universal tool suitable for most tyres

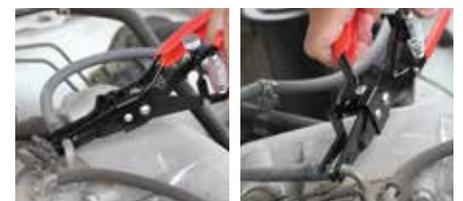


| Part No. | Size | Overall Length |
|---------------|------|----------------|
| 309242 | 8mm | 140mm |



HOSE REMOVAL PLIERS SCREW LOCK TYPE

- Designed to easily remove hose from tubes or lines without damage
- Suitable for 3/16", 1/4" and 3/8" tubes
- Pointed jaws allows access in confined space
- Locking design secures grip
- Ergonomic handle provides a non-slip grip



| Part No. | Overall Length |
|---------------|----------------|
| 301708 | 157mm |

HOSE CLAMP PLIERS CHANGEABLE
ADJUSTABLE, 3 PIECE

- Designed for the removal and installation of various style hose clamps
- Flexible cable allows extra reach for difficult and hard to reach applications
- Includes 3 different hose clamp heads
- Quick and easy interchangeable heads
- Ratcheting and locking mechanism secures clamp while manoeuvring
- Ergonomic handle features non-slip grip finish
- Spring loaded heads enables fast releasing action



| Part No. | Size Range | Pieces |
|---------------|------------|--------|
| 301709 | 0 - 75mm | 3 |



DIESEL INJECTOR PORT CLEANING KIT

- Cleans injector ports and seats prior to new injector installation
- Features reusable plugs to prevent contaminants and debris from falling into cylinders during intensive cleaning process
- Includes various size brushes and attachments for deep cleaning
- Removes carbon build up and baked on debris
- Heavy duty cleaning kit applicable for passenger, commercial and plant diesel engines
- Supplied in custom moulded plastic hard case



| Part No. | Contents | Qty |
|---------------|---------------------------------------|-----|
| 304052 | Wire brush - Ø 18mm | 1 |
| | Wire brush - Ø 19mm | 1 |
| | Wire brush - Ø 21mm | 1 |
| | Wire brush - Ø 24mm | 1 |
| | Wire brush - Ø 26mm | 1 |
| | Deep cleaning brush - 9 x 100 x 300mm | 2 |
| | Flexible bit holder | 1 |
| | Brush holder adaptor | 1 |
| | Sealing plug rod | 1 |
| | Twisted wire brush | 2 |
| | Sealing plugs | 8 |
| | Brush sleeve | 1 |
| | Abrasive discs | 9 |
| | Adaptor | 1 |



WORKSHOP GENERAL



DIESEL INJECTOR WRENCH SET

FLEXIBLE HEAD, 6 PIECE

- For removing stubborn diesel injectors in difficult positions
- Adjustable flexible head up to 220° of movement
- Single hex profile provides maximum grip without damaging or distorting the nut
- Suitable for fuel lines in limited space
- Manufactured from hardened steel with black phosphate finish
- Supplied in custom moulded plastic hard case



| Part No. | Size | Square Drive |
|---------------|--|--------------|
| 304049 | 12 x 110mm, 14 x 115mm, 16 x 125mm, 17 x 125mm, 18 x 125mm, 19 x 125mm | 3/8" |



O-RING PICK SET

MINI LIGHT DUTY 3 PIECE

- Manipulate O-rings, seals and gaskets on delicate tasks without marking
- Six different tip styles
- Manufactured from nylon fibres
- Lightweight and durable
- Supplied with vinyl wallet



| Part No. | Overall Length | Pieces |
|---------------|----------------|--------|
| 313314 | 185mm | 3 |



SILICONE REMOVER

- Professional tool to easily remove and clean cured silicone
- Suitable for all types of surfaces including glass windows, tiles, ceramic sinks etc.
- Special composite material will not damage surface when in use
- Safe and efficient way of removing silicone without chemicals
- Push and pull motion suitable for confined areas



| Part No. | Size (L x W x D) | Overall Length |
|---------------|-------------------|----------------|
| 301557 | 212 x 34 x 25.5mm | 212mm |



DIESEL FUEL LINE SOCKET SET

3 PIECE

- Specialty tool designed for removing diesel high pressure fuel lines
- 12 point bi-hex sockets ensures a secure grip on stubborn fuel lines
- Suits most diesel fuel lines
- Manufactured from heavy duty chrome vanadium steel for strength and durability
- Supplied on socket rail for storage



| Part No. | Size | Square Drive |
|---------------|--------------|--------------|
| 304051 | 14, 17, 19mm | 1/2" |



CLAMPING WASHER TOOL

- Specialty tool for the removal and installation of clamp washers found on undercarriage heat shields
- Prevents damaging the heat shields upon removing
- The two pins are designed to engage onto the 32mm diameter washer
- Suitable for VAG and Ford vehicles
- Quick release 1/4" shank



| Part No. | Shank Square Drive |
|---------------|--------------------|
| 321802 | 1/4" |

WORKSHOP GENERAL



**SEAL & O-RING
REMOVAL TOOL SET**
4 PIECE

- Suitable for removing O-rings and seals in automotive, engineering and industrial applications
- Combination spoon and contoured tips allow controlled manoeuvring without damaging surface
- Manufactured from chrome vanadium steel with black phosphate finish for strength and durability
- Oil resistant ergonomic handle

| Part No. | Overall Lengths |
|---------------|-----------------|
| 321800 | 130 & 200mm |



EXTREME EDGE TOOL
5 PIECE

- Unique extreme edge design scrapers for removing gasket and sealants
- Suitable for removing trims and badges on panels
- Push and pull motion enables use in difficult and hard to reach areas
- Safe to use on glass, metal, plastic and painted surfaces
- Non metallic tips will not damage surface
- Built in hang hole for storage
- Manufactured from heavy duty nylon

| Part No. | Overall Length |
|---------------|----------------|
| 313312 | 178mm |



WEDGE TOOL KIT
12 PIECE

- Suitable for reforming panels without damaging paint work
- Interchangeable tips to accommodate various dents
- Includes two knurled aluminium handles and two piece strike plates
- Manufactured from durable polyurethane
- Supplied in custom moulded plastic hard case



| Part No. | Pieces |
|---------------|--------|
| 313319 | 12 |



WHEEL GRINDER DRESSER

- For exposing sharp new cutting surface
- True wheels for flat surfaces
- Six heavy duty hardened star tooth wheel cutters
- Suitable for most types of grinder wheels
- Large steady tabs for resting the tool on grinder
- Ergonomic handle for stability
- Manufactured from cast iron



| Part No. | Overall Length | Cutting Size |
|---------------|----------------|--------------|
| 301707 | 157mm | #0 |



PDR LINE BOARD
FLEXIBLE 800MM

- Excellent visual aid for professional paintless dent repairs
- Portable and folds out in seconds
- Suitable for inspecting small and large dents
- Folds from 800mm to 300mm



| Part No. | Size |
|---------------|--------------|
| 313088 | 800 to 300mm |

WORKSHOP GENERAL



DRUM BRAKE SPRING WASHER PLIER

- Removes and installs drum brake spring washer
- Unique design with grooved cup allows use where in tight space
- Suitable for various brake drum system including passenger and commercial vehicles
- PVC dipped handle provide comfortable and maximum grip
- Manufactured from heat treated steel for strength and durability



| Part No. | Sizing | Overall Length |
|---------------|----------|----------------|
| 310254 | 8 - 20mm | 180mm |



WHEEL STUD THREAD RESTORER KIT 8 PIECE

- Professional tool kit for the restoration of damaged threads on wheel studs and bolts including bolt holes
- Unique design allows two halves of the thread restorer to be applied on the good thread and wound over the damaged threads
- Includes spare retaining bands
- Manufactured from heavy duty steel for strength and durability
- Supplied in custom moulded foam tray in plastic hard case



| Part No. | Die Size | Tap Size |
|---------------|--|--|
| 309406 | M12 x 1.25mm, M12 x 1.50mm, M14 x 1.50mm | M12 x 1.25mm (psa), M12 x 1.50mm, M12 x 1.75mm, M14 x 1.50mm |



BOLT CUTTERS PROFESSIONAL HEAVY DUTY

- Professional range of bolt cutters feature extra heavy duty jaws manufactured from special chrome-molybdenum steel for extra durability and reliable ongoing use
- Jaws can be adjusted by loosening nuts and rotating cam bolts
- Slim head centre cut jaw design enables close surface cutting
- Suitable for general purpose use with soft and medium applications
- Replacement jaws available



| Part No. | Soft Metal | Medium Metal | Overall Length | Spare Jaws (Pair) |
|---------------|-------------|--------------|----------------|-------------------|
| 316002 | 8mm (5/16") | 6mm (1/4") | 450mm | 316002A |
| 316004 | 13mm (1/2") | 8mm (5/16") | 750mm | 316004A |
| 316005 | 16mm (5/8") | 10mm (7/16") | 900mm | 316005A |



WORKSHOP GENERAL



PLASTIC OIL PLUG DRIVER SET
5 PIECE

- Designed for removing and installing plastic type sump plugs
- Includes four adaptors and T-handle
- Suitable for Volkswagen, Audi, BMW, Peugeot, Citroen and Ford
- Supplied in plastic hard case with foam in-lay
- Replacement plastic engine sump plugs also available



| Part No. | Square Drive | Pieces |
|---------------|--------------|--------|
| 305997 | 3/8" | 5 |



OIL PAN SEPARATOR & CLEANING KIT
20 PIECE

- Specialty kit for separating oil sumps without damaging the surface
- Prevents the oil sump from warping during removal
- Includes two sump cutting blades with hex wrench, cleaning pad adaptor and 15 abrasive cleaning pads
- Supplied in custom moulded plastic hard case
- Replacement pads available



| Part No. | Contents | Qty | Contents | Qty |
|---------------|----------------------|-----|----------------------|-----|
| 321801 | Sump cutter - SK5 | 1 | Hex wrench | 1 |
| | Sump cutter - copper | 1 | Cleaning pad adaptor | 1 |
| | Sump cutter adaptor | 1 | Cleaning pads | 15 |



CROWFOOT WRENCH SET - METRIC
FLEXIBLE HEAD, FLARED JAW, 12 PIECE

- Metric flexible flare type crowfoot wrench set suitable for automotive, industrial and engineering applications
- Flexible head allows 200° of movement
- Suitable for hydraulic, fuel, air and brake fluid lines to avoid rounding the nut
- Flared jaw provides excellent grip and avoids damaging the nut
- Ideal for confined areas where there is limited access for standard sockets or spanners
- Manufactured from heavy duty chrome vanadium steel
- Supplied in custom moulded plastic hard case



| Part No. | Size | Square Drive |
|---------------|--|--------------|
| 321265 | 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm | 3/8" |



AUTO FLEXING LINE SOCKET SET
6 PIECE

- Specialty tool for loosening or tightening fuel line nuts
- Universal sockets suitable for hydraulic, fuel, air lines etc.
- Double joint design allows flexible angle of 45°
- Manufactured from heat treated S50C steel with black phosphate finish
- Supplied in custom moulded plastic hard case



| Part No. | Size | Square Drive |
|---------------|----------------------|--------------|
| 304599 | 11, 13, 14, 15, 17mm | 3/8" |

MEASURING & PRECISION



ENGINEERING SQUARES HIGH PRECISION

- High precision squares are manufactured to equivalent Japanese industrial standard JIS B 7526
- The professionals choice for high quality, precision and accuracy
- Manufactured from high grade Japanese carbon steel (S50C)
- Made in Japan



| Part No. | Style | Blade Length |
|---------------|---------------|--------------|
| 321115 | Non-Graduated | 50mm |
| 321116 | Non-Graduated | 75mm |
| 321117 | Non-Graduated | 100mm |
| 321118 | Non-Graduated | 150mm |
| 321119 | Non-Graduated | 200mm |
| 321120 | Non-Graduated | 250mm |
| 321121 | Non-Graduated | 300mm |



TAPER GAUGES STAINLESS STEEL

- Extended range of Toledo taper gauges
- Used to measure internal diameters. Ideal for measuring gaps, slot widths, hole or bore sizes and flange face to face dimensions
- Photographically etched markings ensure the greatest precision and accuracy
- Satin chromed for easy reading and identification
- Accuracy: $\pm 0.05\text{mm}$
- Manufactured from stainless steel
- Made in Japan



| Part No. | Description | Size |
|-------------|-------------|-----------|
| 700A | Taper Gauge | 1 - 15mm |
| 700B | Taper Gauge | 15 - 30mm |
| 700C | Taper Gauge | 30 - 45mm |
| 700D | Taper Gauge | 45 - 60mm |