

AUGUST - 31 OCTOBER 2023

COLOURED BLOW GUNS

STANDARD



BLACK BLUE

124140101-BLK 124140101-BLU 124140101-ORA

GREEN

124140101-GRE RED 124140101

PINK 124140101-PIN 124140101-YEL YELLOW



EACH

500MM LONG



124140113 RED PINK 124140113-PIN

YELLOW 124140113-YEL



\$48

POWER PROBE BASIC

Apply voltage from the Power Probe tip to quickly actuate components.



Test circuits for voltage, continuity or polarity. Green / red LEDs provide quick confirmation. 6m heavy duty extension lead.

ETPPBASIC

WORKSHOP SCAN TOOL

The perfect scan tool for day to day workshop use.

 $\dot{\text{Full}}$ vehicle scan + special service functions + action

🖊 Foxwell。

- Wired connectivity
- Quad Core processor
- 7" daylight readable LCD screen
- One touch updates. No lock out once updates expire

2 YEAR UPDATES ET6742





DIGITAL 12V BRAKE & CLUTCH PRESSURE BLEEDER KIT



Single handed brake bleeding. Powered by the vehicle's own battery. No shop air required!

- ▶ Bleed pressure is closely controlled up to 3.0 bar suitable for most vehicles (even those with ABS). Meets European OEM pressure requirements.
- Auto shut off function when pressure falls below 0.5 bar.
- Suitable for low viscosity brake fluids.
- Supplied with European adaptor.

SEE PAGE 12 **FOR OPTIONAL ADAPTORS**



12V / 24V BATTERY **ANALYSER**

Tests all 12V auto batteries including stop / start AGM & EFB. Also tests 12V & 24V starting and charging systems.







Testing range:

100-2,000 CCA

💶 Foxwell.

BT715

THE BLUETOOTH BEANIE LIGHT IS BACK!



Integrated rechargeable light & Bluetooth speakers (works with all smartphones). Great for camping, tradies, fishing etc. The perfect accessory for keeping warm!

> HIGH POWER 200 I IIMEN LIGHT

S49 **ETBBL**

HALF SIZED THIN WALL SOCKET SET



- For chrome plated nuts that have warped. Especially Ford!
- ► Protective sleeve
- ▶ 6 point sockets
- ▶ 1/2" Sq Drv



















BACK PROBES & LEAD SETS

UNIVERSAL LINE KIT

- ▶ 2 way LED testers black/ red multimeter connector leads.
- ► Male/female round terminal to banana
- ► Male/female flat blade terminal to banana plug.
- ► Variable resistors with banana terminals.
- ► Needle / piercing probes.
- ► Alligator clips.

Comprehensive kit for quickly & securely connecting into wiring.



92 PIECE ET2031B

MULTIMETER LEAD SET

Essential test leads. Potentiometer | piercing probes | crocodile | flat terminals | signal tester and more.



28 PIECE ET2032

2 PRONG VOLTAGE TESTER

Safely test voltage up to 1000V AC /DC. Able to verify the absence of voltage even with discharged batteries.

- Conforms with EN 61243-3. CAT III 1000V / CAT IV 600V.
- LED indication range: 12V -1000V AC / DC.
- LCD indication range: 6V -1000V AC / DC.
- Rugged doubleinsulated wire.
- Continuity / Diode test.

Professional

function.

multimeter with insulation test



1000V CAT III ET2138

SILVERTRONIC DOUBLE INSULATED SILICONE LEADS & BACK PROBES



TIRED OF HOT ENGINES DESTROYING **MULTIMETER LEADS?**

Silvertronic's double insulated silicone leads are heat resistant. Made in the UK for professional technicians.



MADE IN UK

EXTENSION LEADS (6M)

Highly flexible double skinned silicone cable. 1000V CATIII / 20 Amps.

- 4 mm straight plug / 4 mm right angle plug.
 Black and Red



AUTOMOTIVE LEAD SET

4mm sockets compatible with standard multimeters. Premium double insulated silicone leads.



Conforms to EN61010 / CAT III (1000V)/ CAT IV (600V).

- Supplied with high voltage probes. thermocouple & wireless USB cable.
- True RMS / IP67 waterproof rating.
- Use standalone or link wirelessly to a PC.



1000V CAT III ET2144

STRAIGHT

► 1000V CAT III 20A



ET9402

44 mm long 1mm OD back probe pins

EXTENDED



RIGHT ANGLE

▶ 1000V CAT III 20A



▶ 30 cm cable

ET9412

STRAIGHT

► 1000V CAT III 20A 30 cm cable



ET9432

CABLES

▶ 1000V



ET9395

TEST LEADS



ET9400

PROBES



1.2 M CABLE

ET9408

2.0 M CABLE ET9409

LANTERN PROBES



PROBE ADAPTORS



ET9422

NON INTRUSIVE BACK PROBE KIT

Red / black test leads — right angled plugs

Back probes — small (0.7 mm OD)



OBDII CODE READER & BATTERY TESTER Read codes / clear check engine

light on OBDII compatible vehicles, PLUS test 12V automotive batteries.

🜈 Foxwell.

- ► Tests Flooded / AGM / Gel batteries.
- Print test reports on PC.
- 100 1,100CCA.
- Lifetime free updates.



ET2709

12V / 24V WITH PRINTER

Test battery charge / health for all 12V lead acid auto batteries and alternator / crank systems for 12V / 24V batteries, including new stop start batteries.

► Testing range: 100 — 2,000 CCA.





12V BATTERY MONITOR **SOLAR POWERED**

Monitor battery status on all 12V automotive batteries. Wireless communication (up to 50m) by RF frequency. No need for cables / mobile phone app!



- Solar powered with internal battery (or charge via USB).
- Battery status (SOC / SOH / Voltage) etc.
- Plus check vehicle starting / charging systems.
- Easy dashboard mount / audible alerts.







80A AMPS CLAMP

Auto ranging clamp meter designed specifically for the automotive technician.

Standard amps testing (crank current etc) plus parasitic draw. Like 2 clamps in 1!

- Measure Volts, Amps, Ohms, Frequency and Temperature
- 24 mm jaw opening

600V CAT III ETDPPDCM80 ▶ 600V AC 600V DC 80A AC ያበል ከር



AC/DC TRUE RMS CLAMP METER 600V | 1,000A

Provides accurate AC / DC current and voltage regardless of waveforms.

- CAT II 600V.
- AC / DC current & voltage. resistance, capacitance, frequency, duty cycle, temperature.

ET2602



REMOTE TESTING / DATA LOGGING

Bluetooth 4.0 & smartphone app makes this a very powerful / functional multimeter! Use the app to remotely view / control the multimeter, log / graph live data. For hazardous environments or remote measurement (eg trailers) etc

DATA LOGGING. Offline recording function on multimeter. Up to 7 days. View data on the app.

MULTIPLE DEVICES. Connect multiple multimeters to the app to graph multiple data sources in realtime.



Resistance / capacitance / frequency / duty ratio / temperature.

BLUETOOTH

GET APP

- Data hold and relative measurement.
- ► AC / DC voltage. 20A current.

1 CHANNEL OSCILLOSCOPE

Professional multimeter with oscilloscope functions. Fast A/D converting sampling rate, built in data logging, and trend capture. Bluetooth enabled, with App. IP67 rated.



- 20MHz / 50MS/s handwidth / real time sampling rate.
- 320 x 240 px TFT colour LCD display.
- CAT III 1000V / CÁT IV 600V.
- Rechargeable battery.

1000V CAT III

ET2704

AUTO RANGING MULTIMETER



TRMS | | HOLD | 🔆 SMART | NCV | 🚡 | Ω ız/% → 🗗 •)) APO AUTO ⊽ °C/°F

TEMP PROBE NON CONTACT VOLTAGE 600V CAT III

ET2301B

AUTOMOTIVE

A specialist multimeter for the automotive professional. Auto/manual ranging DMM with inductive pick up & K type temperature probe. RPM measurement, millisecond pulse duty cycle, dwell angle. Data hold & relative functions. Supplied in a sturdy plastic case.

- IP67 dustproof & waterproof. Fused current inputs and
- overload protection.
- High contrast 4000 counts display with backlight.



AUTO & MANUAL RANGING

TRMS 🕂 HOLD 🔆 Hz NCV 🚡 Ω ℃/℉

% → 🗗 •)) APO REL AUTO 🔻 AUTO



Next generation multimeter. Automatically switches between Amps and Volts based on probe selection. PUSH BUTTON

- Push button function selection. Backlight. Temperature probe.
- 9000 counts, triplefunction display, non contact voltage.



600V CAT III

ET2301D

AUTO & MANUAL RANGING



Next generation multimeter. Rotary dial.

2 LED lights for illumination, plus continuity. 9000 counts, triple function display, non contact voltage. ROTARY DIAL



HOLD 🔆 Hz NCV 🚡 Ω ►► 🗗 •>>) APO REL AUTO ⊽ AUTO

ET2301R

HAND HELD WORKSHOP SCAN TOOL

Australia's best value workshop scan tool. Ideal for small workshops, larger workshops needing a secondary scan tool, or DIY enthusiasts.

Full vehicle scan functionality (not just a code reader). Coverage for over 80 vehicle brands, including **Australian Ford**/ Holden vehicles.

Plus a large suite of **special service functions** including DPF regeneration, injector coding, oil light reset, service reset, and much more...

No internal battery — it simply powers up via the OBDII port. Ideal to leave in the glove box. No need to worry about internal batteries!



12V & 24V OBDII BREAKOUT BOX

Advanced CANbus circuit tester compatible with both 12V & 24V systems. Live display of present communicating signals, and can display voltage of each pin.

Essential for checking ground / voltage on all OBDII pins prior to connecting a scan tool /ˈflashing ECU.

- Connect inline with scan tool / oscilloscope / multimeter
- Quickly diagnose CAN faults. "No communication" could simply be a fault with the OBD port
- Monitor battery voltage at the OBD port
- A great way to log pin voltage data when used with our ET2504 multimeter



\$229 ET3042



WINDOWS BASED GT90 WORKSHOP SCAN TOOL

Comprehensive vehicle coverage with extended functionality on a Windows tablet. Windows platform natively supports J2534 pass through programming (using a pass through device — available separately).

PLUS: Advanced functionality including actuation, bidirectional programming, injector coding.

- Foxwell.
- Australian / Asian / European / Japanese / US coverage across cars, vans, 4WDs, light commercial.
- Full vehicle scan functionality and special service functions.
- Windows 10 Pro / inbuilt wifi (one click updates) on refurbished Panasonic 10.1" Toughpad. Rugged hardware for tough workshop environments.
- Pre / post scan tools reports.
- Bluetooth vehicle connectivity and / or wired.





EADY FOR RIGHT TO REPAIR?

THE CARDAO PLUS 3

by Drew Tech fully supports J2534-1 / J2534-2, plus CAN FD, 4 CAN channels, v05.00 API and DOIP.

> Access OEM subscriptions. (Available at extra cost, direct from the OEM / AASRA).

ETCP3



AUSTRALIAN BASED SUPPORT — PICK UP THE PHONE AND TALK TO US!

ALL OUR SUPPORT STAFF ARE LOCATED IN AUSTRALIA.

J2534 PASS THROUGH PROGRAMMING

> **BUNDLE WITH THE GT90 FOR A COMPLETE FLASH** PROGRAMMING PACKAGE. SAVE 10%

The professional choice for flashing. Avoid the risk of lower quality units. Requires Windows based laptop / PC. Access Drewtech's J2534 toolbox for up to date information, as well as their US based technical support.

ETDP2

CARSCOPE COMPRESSION TESTER MASTER KIT

Test engine compression in under 60 seconds without removing any mechanical components! Works on Petrol and Diesel vehicles with up to 12 cylinders. This master kit ncludes the iTester for testing relative engine compression and actual common rail fuel pressure sensor readings PLUS accessories to test for:

- Back probe needles
 - (For completed Synced compression test).
 - Relative compression via Current.
 - OBDII compression test adaptor. 10:1 Voltage attenuator.
 - Alligator clips.



CALL US ABOUT THE RIGHT TOOL 1300 137 753

Foxwell.	ET2630 0EM	ET6650 SERVICE TOOL	ET6642 PROFESSIONAL+	ET6742 PROFESSIONAL+	GT90PLUS-AU WORKSHOP
FORMAT	ANDROID	ANDROID	HANDHELD	ANDROID	WINDOWS 10
ODBII COMPATIBLE	✓	✓	✓	✓	✓
NON OBDII COMPATIBLE	✓		✓	✓	\checkmark
READS / CLEARS CODES	\checkmark	OBDII ONLY	\checkmark	\checkmark	\checkmark
LIVE DATA GRAPHING	\checkmark	OBDII ONLY	\checkmark	\checkmark	\checkmark
ECU INFORMATION	✓	✓	\checkmark	\checkmark	\checkmark
FREEZE FRAME DATA	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark
AUTOMATIC VIN IDENTIFICATION	✓	✓	\checkmark	\checkmark	\checkmark
PRE / POST SCAN REPORTS	\checkmark		\checkmark	\checkmark	\checkmark
WIFI ENABLED	✓	✓		\checkmark	\checkmark
REMOTE LOGIN SUPPORT	\checkmark	\checkmark		\checkmark	\checkmark
NON OBD & OBDII CONNECTORS INC					√
COVERAGE:					
AUSTRALIAN FORD / HOLDEN COVERAGE	✓	✓	✓	✓	✓
ALL VEHICLE SYSTEMS	✓	✓	\checkmark	\checkmark	\checkmark
SPECIAL FUNCTIONALITY:					
ABS & AIRBAG RESET	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark
BATTERY CONFIGURATION	✓	\checkmark	\checkmark	\checkmark	\checkmark
BI-DIRECTIONAL / ECU CODING	✓				\checkmark
DPF REGEN	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark
EPB SERVICE	✓	✓	\checkmark	\checkmark	\checkmark
IMMOBILISER FUNCTIONS	\checkmark	\checkmark		\checkmark	\checkmark
INJECTOR CODING	✓	✓	\checkmark	\checkmark	\checkmark
OIL LIGHT RESET	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark
TPMS	✓	√	✓	✓	\checkmark
STEERING ANGLE SENSOR	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark
DUAL CLUTCH TRANS ADAPTS	✓		✓	\checkmark	\checkmark
VEHICLE CONNECTION	WIRED	WIRED	WIRED	WIRED	BLUETOOTH VCI
FREE UPDATES	1 YEAR	1 YEAR	LIFETIME	2 YEARS	3 YEARS
COLOUR SCREEN	5"	5"	4.3"	7"	10.1"

CANDO HD PRO TAB

OE level functionality for Heavy Duty Truck. Agricultural & Industrial applications. Heavy, Medium & Light Duty truck coverage for all major Australian / Asian / European / US manufacturers, including Volvo & Iveco. Agriculture / Industrial coverage includes Caterpillar, John Deere, Komatsu.

- ► Change and set parameters.
- No internet or wifi connection required for use.
- ► No lock out after updates expire.
- Local tech support.
- 2 Years free updates.
- Remote diagnostics via teamviewer.
- Powerful 1.8ghz quadcore processor.
- IP65 rating / water resistant.
- Includes: multiple connectors, docking station.

AGRICULTURAL

THE CANDO DIFFERENCE

COMMITTED TO EXCEPTIONAL AFTER MARKET SUPPORT

- Free initial remote training consultation post purchase
- Australian based technical support only a phone call away
- We regularly test local Australian vehicles for any updates required
- Regular updates & bug fixes (rather than waiting for bi yearly fixes)
- 2 years free updates for all vehicle categories
- No lock out once updates expire





+BONUS

5 DIAGNOSTIC CONNECTORS JCB 8-PIN CUMMINS 3-PIN | KUBOTA 4-PIN | CATERPILLAR 14-PIN | KOMATSU 12-PIN

LIGHT COMMERCIAL NOW INCLUDES: HILUX / LANDCRUISER, RANGER, NAVARA /

\$11495

ET2608

CANDO DIAGNOSTIC SOLUTION

BUNDLE WITH 24 MONTH SUBCRIPTION AND SAVE

FLEETCROSS 24 MONTHS SUBSCRIPTION

PATROL, ISUZU D-MAX, HOLDEN COLORADO, MITSUBISHI TRITON, VW AMAROK.

OFF HIGHWAY

COMMERCIAL

FleetCross By **MOTOR**

Coming straight out of the U.S is the Fleetcross Service subscription. The ultimate heavy vehicle workshop assistant! Giving you access to 1,000's of repair procedures, wiring diagrams, diagnostic help, TSB's, Service information and so much more at the touch of your fingers. Don't get caught without it! Installed onto any CanDo diagnostic tablet. you get 2 years worth of assistance on Japanese, American and European Trucks.

- ► All information OEM supplied.
- Search for repair procedures via the trouble code.
- **Guided repair procedures** from Fault code to predelivery checks.
- Service information including lubrication / oil specs and replacement / inspection intervals.
- Technical Service Bulletins.
- ► Can be installed on multiple devices. (Must be registered on at least 1 CanDo Tablet Scan Tool before being installed on other computers).

FOR FURTHER ENOUIRIES OR TO ARRANGE YOUR FREE TRIAL CALL 1300 137 753

CODE REASON Fault Code: 3382 Engine Exhaust Gas Recirculation (EGR) SPN: 3058 FMI: 18 System - Data Valid But Below Normal Operating Range - Moderately Severe Level LAMP: Amber Measured EGR flow is lower than commanded

Possible reduced engine performance

EFFEC1

ETM-T

EGA Differential Sensor

SRT-

EGA Differential Pressure Signal

EGR Differential Pressure Return Sensor Return EGR Differential Pressure 5 Volt Supply Sensor Supply 1

Electronic Control Module Engine Harness Connector 2

ISX11.9 CM2250/ISB6.7 CM2250/ISC8.3 and ISL9 CM2250/ISX15 CM2250 Engine Exhaust Gas Recirculation (EGR) System

12V 100A BATTERY **STABILISER**

A stable power supply is essential when flashing / reprogramming / calibrating ADAS. This unit outputs **100A indefinitely**, with variable voltage. Plus functions as a 60A battery charger.

Based in Kansas USA, Clore has a 50 year heritage in developing battery technology for automotive professionals.

- ▶ 100A battery stabiliser
- ► 13.1V 14.9V (0.1V increments)
- ► 60A / 40A / 10A battery charging modes





REPRO-GRAMMING



QUICK RESPONSE TIME 8X FASTER THAN



TRUCK CODE READERS & DPF REGEN

Get access to engine codes and live data at your fingertips. Coverage for J1939 / JÍ587 / JÍ708 trucks pluš OBDII. AND force a DPF Regen on Cummins / Detroit / Fuso / International / Isuzu / Mack (Volvo) Extended functions for CAT equipment included FREE!!



HD CODE II

Simple to use, just plug in and GO! Durable hard shell.

Cables below are included with both



HD MOBILE

Turn any smart device into a powerful Truck code reader and datalogger.





ET2610



LOW PEAK TO **PEAKRIPPLE**









BATTERY

CHARGING

SEOUENCE



PETROL / DIESEL

Accurately identify faults in the oxygen sensor and catalytic systems. 4 gas unit for petrol vehicles / 5 gas for petrol & diesel. Kane gas analysers - made in the UK - are market leaders. These compact, fully portable units, can be taken to the vehicle and used on test drives to log emission data.



5 GAS ET9810A

- 4 gas (CO / CO2 / HC / O2 & Lambda / AFR) for petrol engines.
- 5 gas adds NOx, to test diesel emissions.
- hargeable battery
- t warm up
- int to PC via wireless, or to Android App



DIESEL ONLY

For measuring / testing NO & NOx emissions only. Prevent unecessary repairs when diagnosing NOx sensor issues.

- ► Validate true NOx levels in the tailpipe.
- Compact, quick and easy to use.
- Measures NO (0-600 ppm).

NO / NOX

ET9845



THERMOMETERS

AIR CONDITIONING

Cost effective / accurate measurement. With long 125 mm probe.

- ► 0.1° resolution.
- ▶ Battery included.



PROBE LENGTH — 125 MM

ET2024

INFRA RED (INDUSTRIAL)



targeting for added accuracy. For automotive /

industrial applications. High temperature range is ideal for checking brakes / exhausts systems.

- +/- 2 degrees accuracy
- Display hold function
- Min / Max function
- **Battery** included

12V | 24V RELAY TESTER

Quickly test 3 terminal electro mechanical relays. Test coil resistance, surge suppression device, contact cyclic testing etc.

Not suitable for Type A relays common to Holden vehicles.







Test all petrol injectors including latest GDI Piezo injectors.

Plus diesel injectors. Ideal for bench testing injectors to

WINDOW TINT METER

Measures Visual Light Transmission (VLT) through windows treated with aftermarket window tint film.



- Two piece design to check all vehicle windows.
- Perfect for roadworthy compliance.



ER PROBE

WIRELESS DUAL ZONE KIT

Dual temperature sensors — in the base unit PLUS in the remote wireless probe. Optional wireless probe (TEMPPROBE) allows for a third temperature reading. Temperature range: -22° to 70° C





ET2020

SECOND PROBE

S49 TEMPPROBE

see if they are opening correctly. Also use with ultrasonic cleaners to better clean internal parts, or with injector nozzle tester to test spray pattern. Automatically detects injector type. From 1Hz to 20Hz adjustable. Supplied with 6 adaptors to connect to a fuel rail of a

traditional petrol PFI injector tester.

Signal output cords for both petrol / diesel injectors.





ET6632

SIGNAL GENERATOR

AUTOSIM PRO MASTER KIT

Simulate SENSORS and ACTUATORS to detect whether the ECU, wiring, plug-in connection or sensor is defective. Connect to the circuit, select the type of sensor and range to provide feedback to the ECU. This 2-minute test could save you \$1,000's in replacing unnecessary parts.

CONTAINS ET0098PRO SIGNAL GENERATOR AND:

- Insulated crocodile clips (Red, Black)
- Back Probe set (5 needles)
- Crocodile Clip 25A (Red & Black)
- Crocodile Clip 15A, Blue
- Pluggable Terminal Block (2-Pin, 5 mm)



ET0098K

IGNITION ANALYSER

Quickly analyse all spark ignition systems, including Coil On Plug (COP) and general distributor type SPW. Induction technology requires no hook ups / ground wires / special adaptors.

Diagnose misfires, starting issues, damaged spark plugs / wires. Measure cylinder speed, ignition voltage, ignition time etc

- Spark voltage (0-50,000V)
- Spark burn time (0-10ms)
- 200 to 19,999 RPM

ET0751



ACTUATOR TESTER

For testing electronic components actuated by a magnetic field. Positive / negative sensor.

Test devices like ignition coil, AC generator, EGR valve controller, relay & hall effect sensors





IAGNOSTIC:

ULTRASONIC LEAK DETECTOR

Advanced detector using ultrasonic waves to detect leaks in a range of automotive / industrial applications. Tone generator to check for faulty seals in non pressurised enclosures.

- ► Detect vacuum / compressed air leaks (down to .13 mm).
- Gas turbulence associated with air / gas line blockages.
- ► Electrical discharge due to insulation breakdown.
- Mechanical wear in bearings, race assemblies etc.
- Detect leaks in door seals, vehicle compartments etc.



TURBO LEAK DETECTORS

Ouickly determine whether faults are due to issues with the turbo system, or simply an air leak. Simply pressurise turbo system with workshop air, then measure decay.

PASSENGER VEHICLES

35-90 MM

ET5492



COMMERCIAL VEHICLES

ET5493

MANOMETER

Highly accurate Differential Pressure Meter (± 15 psi)

Don't get caught out trusting inaccurate sensors, this is the ultimate tool for measuring actual DPF / CAT before and after pressure differential.

- High / Low resolution settings Modes: mbar, Pa, hPa, kPa, mmHg,
- mmH20, inH20, PSI Temperature compensated
- for superior accuracy Data hold and
- max/min recording

Printouts include date/time & user details



ET9830

HYDRO-**CARBON DETECTOR**

Highly sensitive, ideal for detecting hydrogen in aircon Forming Gases.

> Gases detected include hydrogen, acetone, ammonia, industrial solvents, methane, natural gas, petrol, propane





ET9802

INSPECTION

256 X 192 PX THERMAL **IMAGING CAMERA**

Ideal for a wide range of automotive applications including brakes, exhaust, fuse box, seats etc.





320 X 240 PX THERMAL **IMAGING CAMERA**

Our newest model combines ultra high resolution, a faster processor, & wifi connectivity.







MECHANIC'S STEPHOSCOPE

ADVANCED ELECTRONIC KIT

Super sensitive stephoscope kit to quickly identify sources of noise, harshness or vibration. Especially well suited for road testing / diagnosing simultaneously.

- ► 6 channel selector unit, with 6 pick up sensors.
- Extra long cords.
- Cushioned headphones.







ET9563

WIFI BORESCOPE

Wifi allows for easy connection to phone / PC / scan tool. Or beam to monitors for classroom instruction.



3.2" SCREEN BORESCOPE

High resolution 5.5 mm diameter camera for auto / industrial applications. Images can be saved / transferred to PC.

- 3.2" TFT LCD
- 320 x 240px display resolution
- 640 x 480px sensor resolution
- Rechargeable battery Mirror / hook / magnet attachments
- 1m cable length



MEASUREMENT

COATING **THICKNESS**

Automatic selection of Magnetic Induction or Eddy Current measurement for accurate results. Works on both ferrous / non-ferrous surfaces.

- Measuring range: 0 - 1.350 um
- Simple recalibration

ET2050



METAL **THICKNESS**

Ultrasonic tester measures material thickness, including piston heads. Small, tough and accurate.

- ▶ 90cm cable
- 2mHz probe frequency
- 2.0 225 mm range (steel) 0.1 mm resolution
- +/- (1%H+0.1) mm accuracy



ET2044

CONTACT / **NON-CONTACT TACHOMETER**

Low RPM starting point.

- ► Dual modes: contact and non-contact.
- Range: 2~99,999 rpm Accuracy: +/- 0.05% +1 dig
- Min / Max and calibration function





ET2320

ET0914

SOUND METER

Ideal for measuring exhaust noise levels.

- Range: 35 130 dB
- Resolution: 0.1dB
- ► Accuracy: +/- 1.5 dB @ 1 kHz
- Can recalibrate using a master sound unit (ET2048)

ET2046







Reduce the risk of damage to wire insulation. Allow users to push, pull, feed wires. Plus prying & opening panels

> 5 PCE ET0313

TERMINAL CLEANERS

For removing corrosion / enhancing connectivity. Abrasive diamond cleaning ends. Pivoting handle to allow tweezer action or single blade use.

- Small | medium | large blade terminal cleaners
- 113mm overall length



RECHARGEABLE FLAMELESS HEAT GUN KIT

30W rechargeable iron with flameless tip. Ideal for heat shrink. Supplied in plastic case with coloured heat shrink tubing.

- ► 420°C in 35 seconds.
- 90 minutes runtime.



ELECTRICIAN SCISSORS

Strong whole steel frames, and high hardness blades made from Japanese stainless steel.



not insulated.



MULTI FUNCTION (204 MM) BIG NOTCH CABLE WIRE TERMINAL **WIRE CUTTER** CUTTER CRIMPING

not insulated.



PORTABLE SOLDERING KITS

RECHARGEABLE 50W SOLDERING KIT

Our most powerful unit, for heavy duty tasks. With bonus gas torch!

- 5 mm chisel tip, cone tip, heat shrink tip
- Packaged in plastic case with EVA tray









BUTANE TORCHES



MODEL Nº	KEY	PRODUCTNAME	PRICE
PT-110	A	Pro Torch Lite	\$55
PT-500	В	Pro Torch Plus+	\$95
PT-200	C	Pro Torch	\$65
PT-210T	D	3-in-1 Torch	\$95

BUTANE SOLDERING AUTO IGNITION

Top of the range butane iron for the professional user.

- Removable / refillable fuel cells
- Safety switch

ET9604

iroda.

PROFESSIONAL SOLDERING





CIRCUIT TESTERS

LED PROBE TESTER 6V - 48V DC

- Spring cable extends to 3 m
- Not for use with 240V AC Not for use with airbags

Real time voltage display, in addition to indicating power (RED) and ground (GREEN). Small testing current (<10mA).





ET3428

LED 4 MM CONNECTOR KIT

A handy kit containing the ET3428, but modified to have a 4mm connector for use with standard multimeter probes.



Wire piercer / probes / alligator clip included

6V-48V DC ET3426A

POWER PROBE ADAPTOR TIPS

5V LIMITING

Limits output voltage to 5V. **Essential for safely** testing sensors and computer circuits on vehicles.





AWG 12-20

ET1442

AWG 20-26

ET1442A

DEUTSCH DSUB CRIMPERS

CURRENT MEASURING



Measures up to 20A (and as low as 1 milliamp). Displays current in realtime. Adaptors work with all **Power Probe** circuit testers!



\$89 **PPAMP**

PULSE WIDTH MODULATION





Duty cycle adjustable 5% - 100%.

For 12V / 24V use. 10A max continuous output.



PPPWM

POWER PROBE MAESTRO

Power Probe's newest tool - with all the features of the PP4 PLUS the built-in diagnostic power to display waveforms. Wirelessly pairs with the Power Probe App, allowing for a wireless remote display as well as data streaming and recording. Files can be emailed, exported or simply saved for future reference.

> Easily verify corréct operation of

Motors.

Lights. Relays.

App Store

Sensors. Wires.



CIRCUIT TRACER & SHORT **FINDER**

Makes locating shorts and opens quicker and more accurate than ever before. Now with directional & distance indication.

ETPPMA

Transmitter quickly determines if circuit has an open or if circuit is short to ground.

Works on both 12 & 24V systems.



ETECT3000

RATCHETING **CUTTER & CRIMPER**

- Strip regular wire (8-26 AWG).
- Stainless cutter (8-30 AWG).
- Crimp terminals (7-8 auto ignition 22-10 AWG insulated & noninsulated.)



	The Maestro — ETPPMA	PP4 – ETPP4	PP3 – ETPP3
Voltage Rating	12 - 24V DC	12 - 24V DC	12 - 24V DC
Display Type	wMulti Line Colour	Multi Line Colour	1 Line LCD
Apply Power / Ground	✓	✓	✓
Audio Tone	✓	✓	✓
Voltage Drop Detection	✓	✓	✓
Continuity Tester	✓	✓	✓
Flashlight	✓	✓	✓
Circuit Breaker	8A Thermal Self Resetting	8A Thermal Self Resetting	8A Thermal Manual Reset
DC Voltmeter	0.1 - 199.9V DC	0.1 - 199.9V DC	0.1 - 70.0V DC
DC Min / Max	Avg, Min, Max Simultaneously	Avg, Min, Max Simultaneously	Min / Max Mode Selectable
AC Voltmeter	0.1 - 199.9 VAC (RMS or P-P)	0.1 - 199.9 VAC (RMS or P-P)	0.1 - 70.0 VAC (P-P)
AC Min / Max	Avg, Min, Max Simultaneously	Avg, Min, Max Simultaneously	
Ohmmeter	0.1 - 10k Ohms	0.1 - 10k Ohms	
Frequency (Hz)	1 - 9999Hz / Duty %/PW	1 - 9999Hz / Duty %/PW	
Injector Test Mode	✓	✓	
Driver Test	✓	✓	
ECT Mode	✓	✓	
Display Waveforms	✓		
Bluetooth Communications	✓		
Pro Series App	✓		

CLIP REMOVAL SET



SOLDERING AID



MINI STUBBY DRIVER

Incredibly handy stubby driver for precision work. Only 43mm OL!

Phillips® #2 / Slotted 6mm (double ended)



TORX (SECURITY) DRIVERS

150 MM **BLADES**

T10H/T15H/T20H/ T25H/T27H/T30H

Premium quality Sunflag drivers with the legendary soft grip handles. These sets includes all popular sizes for driving both standard & security Torx[®] screws. Available in two blade lengths — 150 mm & 250 mm.



222-C-TH/6K

250 MM **BLADES**



CT-610

222-C-TH/6KLNG

TERMINAL DISCONNECT





MAGNETISED TANG THRU PHILLIPS / SLOTTED DRIVERS

7 PCE KIT Premium

magnetised / tang thru drivers with the famous soft rubber grip.

► Phillips® #1 × 75 mm $\#2 \times 150$ mm $#3 \times 150 \text{ mm}.$

Slotted 5.5×75 mm 6.0×100 mm 8.0×150 mm.

SUNFLAG.



888-6V98PC

8.0×150 mm 9.5×350 mm.

MASTER KIT

SUNFLAG.

- Phillips*#0×75 #1×75 #2×150 #3×150 mm. Slotted 3.0×75 mm 5.5×75 mm 6.0×100 mm
- Stubby Ph: #2×30 mm #2 Mini Sl: 6.0 × 30 mm.









IMPACT WRENCHES



Jumbo hammer, and quick reverse buttons. Great for working in tight spaces.

▶ Only 1.27 kg

Working Torque: 25-500 Ft Lb (34-678 Nm)

+BONUS ET0035



1,275 NM BREAKAWAY TORQUE

2YR WARRANTY \$329 **RMAX-IMPB**

92 MM

1/2" **HIGH POWER**

When you want a seriously powerful — but lightweight impact wrench, with easy to use forward / reverse buttons.

- 1 handed forward / reverse buttons
- Composite motor housing.
- Variable speed trigger



TWIN HAMMER 1300 FT LBS

\$349 RMAX-1300

2 YR WARRANTY

3/4" HIGH **POWER**

A seriously powerful but lightweight — impact wrench, with easy to use forward / reverse buttons.







ACCESSORIES

CARAMEL WHEEL

Removes pin stripes, decals & stickers from vehicle paint work without damage.

MINI GREASE GUN

Supplied with #2 Moly grease.



75 MM POLISHER PAD KIT FOR ROLOC STYLE SANDERS



Convert your mini sander to a polishér. All pads 75 mm dia. 3 pads / 1 backing disc.

4 PIECE

RMAX-POL-4PC

SWIVEL CONNECTOR



120SC0404

3" POLISHER KIT

▶ 2,500 RPM. ▶ 1/4 — 20 UNC Spindle.



FOAM WOOLBUFFING COMPOUNDING PADS PAD

Professional kit. Adjustable speed regulator to match the speed to the job.



E6387

ROLOC STYLE SANDER

Z

Japanese made high speed sander (17,000 RPM) for use with Roloc style pads.



+BONUS 6 DISKS & PADS





MINI DIE GRINDER KIT

Compact right angle die grinder with Roloc style abrasive / sandpaper disc accessory kit.







BELT SANDERS



RMAX-BELT10

Professional quality belt sanders with Japanese made bearing assemblies.

Composite body for comfortable use

RMAX-BELT20

RMAX-BELT30

30 MM BELT

NEEDLE SCALER



Professional quality. For removing coatings, corrosion etc. Sturdy and simple design for extra durability. Adjustable front tube extends needle life.

- 4,600 blows / minute 1/4" NPT air inlet
- AJAX.

AT281

AIR ENGRAVER

Engrave most materials with ease. Replacement tip available.



- 160 mm 01
- 1/4" NPT air inlet

ATES03

ORBITAL SANDERS

CENTRAL VACUUM 2.5 MM ORBIT

RMAX6-25

3 MM ORBIT RMAX3-25BP

5 MM ORBIT **RMAX6-50**

10 MM ORBIT **RMAX6-10**



COMPACT AIR HAMMER

Professional quality lightweight / compact composite body air hammer.

Hammer only / no chisels.

Chisel Shank: 0.401"

Stroke Length: 10 mm Avg air cons: 3.0 CFM



2YR WARRANTY **RMAX-HMR**

AIR SAW

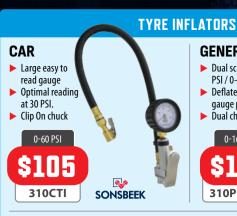
Professional quality air saw, ideal for panel shop applications.

- Comfort rubber grip
- Cutting capacity: 1.5 mm mild steel / 3.2 mm aluminium.
- ► Supplied with 3 x air saw blades





AT313BP



GENERAL

- Dual scale: 0-160 PSI / 0-1,100KPA
- Deflate control / gauge protector

Dual chuck

0-160 PSI 310PG5-DC



TRUCK



- > 90 mm dial for easy reading
- 1 m hose length
- ► Rubber gauge protector

0-220 PSI

3103501

SONSBEEK



PCL driveway tyre inflators are engineered for Australian conditions. Robust & durable.

CL INDIVIDUAL CALIBRATION CERTIFICATE

ANALOGUE 0-138 PSI

124MK4



124MK4DIG

VACUUM / BLOW GUN KIT

Quickly switch between blowing and vacuum operations with the flick of a switch.



350WGK1

124140001

SODA BLASTING GUN

An ideal solution for removing carbon & spot paint. Doesn't damage glass, rubber, plastic or aluminium surfaces. Optimised nozzle — no manual adjustment needed.



SEE VIDEO

Wide nozzle for faster blasting

Air Boy

124140002

REPLACEMENT SODA BLASTING MEDIA (5KG)

S65

124320100

124140009

124145154

HIGH VOLUME THRUST GUNS



SAFETY BLOW GUNS

Non block tip prevents "Dead Hand". Noise suppressor meets OH & S requirements (76 db @ 6 bar). Long blow guns are straight pipe (not bent tip like 124140125).

SAFETY STRAIGHT PIPE

300 MM

BENT PIPE 100MM 124140125 124140112ST

124140113ST

500 MM

SAND BLASTING GUN

A specially hardened nozzle allows this gun to be used with any abrasive media, like sand, garnet etć.

- Adjustable nozzle makes it possible to regulate quantity of abrasive media
- Max working pressure: 87-174 PSI (6-12 bar) Air Boy



METAL PIPE KERO GUN

Tank is resistant to most chemicals (except solvents)

Colore Colores

Adjustable nozzle regulates amount of cleaning agent applied

Air Boy

\$119 124142100

AIR BOY - SONSB

LOCK ON BLOW GUN TIPS

A	VENTURI NOZZLE	124VE
В	SUPER SILENT NOZZLE	124SI
с	90 DEGREE NOZZLE	124LR
D	25MM RUBBER TIP	124LK
E	35MM RUBBER TIP	124LX

Push fit connector simply lock onto the pipe. Easily removed by lifting the collar.

SUITS ALL AIR BOY BLOW GUNS



300 MM









EXTRA LONG BLOW GUNS

		\neg
	STRAIGHT PIPE	
300 MM	500 MM	1,000 MM
124140112	124140113	124140114
\$42	\$48	\$58

BENT PIPE 500 MM 1,000 MM 124140112BT 124140113BT 124140114BT

FROM

\$42

Air Boy



calipers, when servicing brakes, from damaging the brake pipes.

FLEXIBLE

Aluminium construction allows these hooks to be moulded to any shape.



ET7689

\$20

ET7687

SPRING LOADED REWIND TOOL

Powerful internal spring applies firm pressure to piston, to ensure piston mechanism is wound back. With 3 universal adaptors.



MAGNETIC 2 PIN

Fits any standard rewind adaptor

For electronic park brakes

ADJUSTABLE 3 PIN Common brake caliper applications

LEFT & RIGHT HAND THREADED PISTONS

ET6330

SPRING

LOADED

STEERING WHEEL **ALIGNMENT TOOL**



For ADAS / general workshop use. Clamp onto steering wheel before front wheel alignment. Or confirm that steering wheel is centralised after front end adjustments.

For steering wheels with ID from 170 - 250 mm and 280 - 340 mm.

Spirit level to indicate horizontal position.

Spring loaded for secure positioning / automatic centring.



ET8266

RATCHETING BRAKE PRESS

Size range: 1-9/16" - 2-5/8" **Updated** tool with extra 7" magnetic plates - works on most single / multi piston calipers. Ratcheting handle with reversing switch.

ET6989

WHEEL HANGERS

Safely hold tyres when changing, especially cars without wheel studs. Includes a hanger for Nissan Patrol.



► M14 x P1.25 M12 x P.125 (female) M12 x P1.5 (female) M14 x P1.5

M12 x P1.5 ▶ M16 x P1.5



TORQUE WRENCHES

Professional quality (ISO 6789), with calibration certificate (+/-3% accuracy).



20-110 NM (15-81 FT LBS)



40-210 NM

70-350 NM (30-155 FTLBS) (50-250 FTLBS)

403 MM

Kabo Tools

▶ 2 mm — 12 mm

Metal

VAG / TESLA WHEEL NUT CAP REMOVAL TOOL



Quickly remove plastic wheel nut caps on VAG / Tesla vehicles. Slide the tweezer style tool down over the cap; the two catches underneath grasp the cap for easy removal.

Plastic construction to avoid damage to alloy wheels

OEM equiv: 8D0012244A

ET0962

WHEEL NUT CAP PLIER



ET5045



BRAKE FLUID TESTER

New generation tester with digital display, backlight for dark areas. IP67 rated probe / cable. Audible alarm for bad brake fluid.

Tests DOT 3 / DOT 4 / DOT 5.1 brake fluids.

600 mAH rechargeable battery.

ET1433A

ARD080BB 403 MM ARD150BB 625 MM ARD250BB +BONUS **BREAKER BAR** FACTORY CALIBRATION CERTIFICATE

BRAKE & CLUTCH BLEEDERS

SUCTION

Single person operation for guickly / cleanly bleeding brakes. Uses shop air for fast brake bleeding.

Air Boy

Replenishment kit available separately (124143155)

1.2 litre cannister

bleeders.



PRESSURE

Pushes fluid down through brake system, Hand pump operated. Includes European adaptor. Other . adantors available separately.



REVERSE PRESSURE

The V-5 pushes fluid up the brake / clutch system. Essential for concentric clutch bleeding.

- ► Simple, one person operation.
- Also able to pressure bleed.
- Tested for ABS systems.







4

CAR

Compatible with pressure brake

MASTER **CYLINDER**

Nitto style connectors

ETWH500C



MASTER **CYLINDER** ADAPTOR KIT

Nitto style connectors

ET4393-ADAP



BRAKE LINING GAUGES

ADAPTOR KIT

- ► Applications: Mercedes wheels (2011>)
- OEM Equiv: A 000 581 00 00 (A0005810000)





Fx1/2" M | 3/4" Fx1" M | 1" Fx3/4" M ► Uni Joints: 1/4" | 3/8" | 1/2"

IMPACT ADAPTORS & UJ

Adaptors: 1/4" Fx3/8" M | 3/8" 11 PIECE Fx1/4" M | 3/8" Fx1/2" M | 1/2" Fx3/8" M | 1/2" Fx3/4" M | 3/4"

ET6348

AVAILABLE

INDIVIDUALLY

HUB NUT SOCKET SET



12 Point deep impact sockets.

29 | 30 | 32 | 34 | 35 | 36 | 38 | 39 mm

1/2" Sq Drv

8 PIECE

ET4135

PORSCHE CENTRE LOCK SOCKET

Special profile for 911 GT series.

ET2001

MAGNETIC IMPACT SOCKET SETS

1/4" SQ DRV | DEEP | 6 PT

Spring loaded for tight grip

► Sizes: 15 - 15mm



3/8" SQ DRV | COMPACT | 6 PT

Compact style to reach into tight areas.

Sizes: 10mm — 19mm | 30mm high

Creates a lock nut in under 3 minutes Includes a shield to protect the wheels from damage.

Supplied with 3x key cutters (single

use). Additional cutters are available



ET1862

STANDARD / DAMAGED WHEEL NUT **FLIP SOCKETS**



▶ 17.5mm | 17 x 19mm | 18.5 x 19.5mm | 21 x 21.5mm | 22 x 22.5mm.

1/2" Sq Drv extension (75 mm long).

An incredibly handy set of wheel nut sockets in common metric sizes. Plus new HALF SIZE sockets for chrome covers on nuts that have swollen. A common problem, especially on some Ford vehicles.

ET6340A

LOCKING WHEEL NUT REMOVAL



PATTERN STYLE LOCK NUT REMOVAL KIT

Remove practically all pattern type lock nuts (INCLUDING those with rotating collars).

Place the supplied disposable key into the chamber and strike. The key will mould to the lock nut shape creating a temporary key to remove the lock nut.



REPLACEMENT CUTTERS (5 PACK).

ET6066-C5PK



ET6066

WHEEL LOCK NUT REMOVAL SOCKETS

AUDI (PATTERN STYLE)	ET0432	\$269
BMW (SPLINE STYLE)	ET6052	\$189
BMW (PATTERN STYLE)	ET6057	\$339
MERCEDES (PATTERN STYLE)	ET6059	\$159
PORSCHE/VW TOUAREG (SPLINE STYLE)	ET6058	\$209
VAG (SPLINE STYLE)	ET6053	\$189
VAG (PATTERN STYLE)	ET6056	\$359
LAND ROVER (PATTERN)	ET6050	\$179

MASTER KIT

All socket sets listed in the table.

ET6060

BMW WHEEL LOCK REMOVAL



Removes high security BMW wheel lock bolts with spinning rings.

Faster than grinding / drilling removes wheel lock bolts in minutes.

ET6064

6 POINT DEEP IMPACT SOCKETS



THIN WALL WHEEL NUT SOCKETS

Reinforced band on socket rim protects against splitting. Meaning they last up to 4x longer than traditional sockets!



- Colour coded for ease of use.
- Nylon sleeves to protect mag wheels.

17, 19, 21 ММ

ETR3

17, 19, 21, 22 ММ

4 PIECE 3 PIECE

MERCEDES **ETR3VP** ETR-17M

METRIC 1/2"

10 mm - 19 mm, 21 mm, 22 mm, 24 mm, 27 mm, 30 mm, 32 mm

ET1764



ENGINE MOUNT WRENCHES

13 MM ET0015-13 LAND ROVER

15 MM 18 MM ET0015-18 ET0015 GM ECOTEC GM ALLOYTEC

16 MM

ET2186A

MERCEDES

EACH

LOOKING FOR A SPECIALTY

mply head to www.endeavourtools.com.au Our new "TOOLFINDER" function lets you search by: OEM code = Engine code = Competitor code



CUSTOMER 03 97 53 3800



JUST TYPE YOUR SEARCH TERM INTO THE SEARCH BOX ON OUR WEBSITE



CYLINDER LEAKAGE TESTER

Twin gauge manifolds show cylinder leakage percentage and cylinder pressure. Suits all petrol engines with 10 / 12 / 14 mm

spark plugs.

ET1063

4 STROKE LEAK DOWN

Check leakage past rings, head gaskets,intake exhaust valves in 4 stroke engines.

17 MM

ET2187A

MERCEDES

Requires air source of 70-160PSI. as the unit will pressurise system to 60PSI.

Spark plug thread hoses: 10, 12, 14 mm | regulators & o-rinas.



CYLINDER PRESSURE

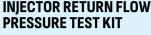
Adaptors suit most common Asian / European / US vehicles



Normal operating range: 750 PSI.

Gauge: 0 - 1,000

ET4463





DIESEL INJECTOR TOOLS

MERCEDES / SIEMENS / BOSCH / DENSO / DELPHI MASTER KIT

- Only 1.27 kg
- Working Torque: 25-500 Ft Lb (34-678 Nm)



INJECTOR SEAT CLEANING Avoid blow back due to poorly seated injectors.

► Cutters: 17 mm flat, 17 mm angled, 21 mm angled

Washer removal tool, injector blanking plugs, wire brush cleaning set.



ET0175

FUEL PUMP REMOVAL TOOLS

INJECTION LINE WRENCH KIT

Open end 12 Pt crowsfoot sockets for servicing the union nut on high pressure lines on CR engines.

▶ 1/2" Sq Drv



14 MM 19 MM 17 MM 3 PIECE

ET5060

COMPRESSION TESTER

Comprehensive kit for passenger vehicles to light trucks.

 Gauge assembly, glow plug test adaptors and universal "clamp on" adaptors.



MERCEDES HIGH PRESSURE **FUEL PUMP**



- Suits 4 cylinder 0M654 engines.
- 1.6L | 2.0L (0M654)
- 0EM Equiv: 256589013300

ET6167A

VAG HIGH PRESSURE PUMP

Removes the toothed belt drive sprocket on high pressure fuel

pumps fitted to VAG 3.0L 6 Cyl 4V diesel engines.



► Audi A5 | A6 | A8 | Q7, VW Phaeton | Touareg

0EM Equiv: T10320

ET1742A

AIR POWERED INJECTOR REMOVAL KIT

Air hammer extractor adaptor for efficiently removing stuck injectors / bushes. Adaptors for removing Bosch / Delphi / Denso injectors, including Bosch solenoid valve Diesel injectors (without removing solenoid valve) and EGR / AGR valves.



RENAULT FUEL PUMP SPROCKET

Removes diesel fuel pump sprocket on 2.2L | 2.5L diesel engines without disturbing the timing belt.

For engine timing please refer to either ET1266 or ET1369.

- Holden Movano, Renault Laguna | Master
- Engine codes: G9T | G9U
- 0EM Equiv: KM-6207 | MOT 1548



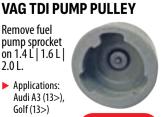
ET8452

Applications: Audi A3 (13>), Golf (13>) **OEM Equiv:**

Remove fuel

2.01.

T10489



ET5819

14

MAZDA SKYACTIV 2.2 L DIESEL

FILTER / SENSOR WRENCH SET Engines: SH-VPTS |

- SH-VPTR CX-5 | CX-8 | Mazda 6 (Atenza) | Mazda 3 (Axela)
- Fuel filter wrench: 85mm x 15F
- Sensor wrench: 50mm x 8F
- 1/2" Sa Drv



bonded rubber section. ► 0EM equiv: 303-1657

CRANKSHAFT

PULLEY

Remove

damáging

REMOVER

pulley without



ET9162

FORD ECOBLUE

Remove seized injectors. Please note this tool will render any injector inoperable.

INIECTOR PULLER

► 0EM equiv:

303-1690

\$89 ET8912

INIECTION **PUMP KIT**

Ford Ranger from 2019. Plús Transit (from 2016) with 2.0L Ecoblue TDCi engines.

OEM equiv: 303-1635

ET7342



ENGINE TIMING KIT

303-1650 | 303-1643

Ford Ranger from 2019. Plus Transit (from 2016) with 2.0L Ecoblue TDCi engines.



ET0831

RANGER 2.2 L | 3.2 L MASTER TIMING KIT

Contains all tools needed for Ranger 2.2L / 3.2L timing (including automatic transmissions). plus high pressure pump puller / locking tools.

OEM equiv: 303-249 | 303-1317 303-1562 | 303-1587



MERCEDES TIMING TOOLS

M642 TIMING KIT

For aligning the camshaft angle to the correct position and locking the crankshaft onto the starter ring gear. Includes retaining tool for mounting the timing chain to the camshaft sprocket.



► 0EM equiv: 111589031500 | 112589034000 |

642589003100 | 642589014000 | 642589044000.



CAMSHAFT SOCKET



M270 | M274

► Engines: M133 | M176 | M178 | M264 | M270 | M274

270589010700



OEM equiv: ET6159A

M270 | M274 TIMINĠ KIT

For chain driven 1.6L | 2.0L petrol engine. Includes small / large diameter clamp pieces to hold camshafts in place, and a Torx T100 security socket for camshaft pulleys.

► Applications: M133 | M270 | M274, Infiniti Q30.

749 ET1524C

► 0EM equiv: 270 589 00 61 00 | 270 589 01 61 00.

OIL FUNNEL FORD / MAZDA

Oil funnel for Ford / Mazda vehicles. Connects directly to the oil filler neck, eliminating the risk of unsafe oil spills.

Also fits Citroen Jumper, Fiat Ducato and Peugeot Boxer vehicles.

- ▶ Oil bottles can be put in upside down on the funnel, allowing for hands free operation
- Large oil passage allows for faster oil flow ► Lower transparent chamber shows progress of oil flow into engine



ET1284

NEW TIMING TOOL KITS

AUDI CRANKSHAFT TURNING TOOL

For safely turning cranksháfts on both V6 | V8 petrol engines.

► 2.5L | 2.8L petrol engines (> 2010)

0EM equiv: T40257 | T40272



ET0400

RENAULT FLYWHEEL **LOCKING KIT** TWIN CAM | CHAIN DRIVEN | PETROL

► H4JT | M5M | MR4 | 2TR | V4Y. Also M9R | M9T diesel for flywheel locking

OÉM equiv: MOT 919-02 | MOT 1431 | MOT 1716 | MOT 1769 | MOT 2019

AUDI BMW MERCEDES VW



BRAND SPECIFIC OIL FUNNELS



ET1231

Twist adaptor (late model VAG), Clip type (BMW | Mercedes | VAG) and new Knob type (VAG 1.5L petrol).







\$29 ET1271

HOLDEN

NISSAN RENAULT Two adaptors - with Ear clips, and Unequal sized tabs (new).

ET1241-EXP









ET1261

MERCEDES Clip / Twist adaptors

suit most Mercedes (and some BMW models).

\$69 ET1282





OIL FUNNEL MASTER KIT

Quickly fill engine oil without spillage. This kit has a wide range of adaptors that screw on, and is suitable for vehicles with internal baffles or shields.



GROZ TRANSFER 🔷 GROZ

Draws in & pumps out liquid in a single stroke. Fast fluid transfer! For oils,

coolant, spirits (not brake fluid).

2 litre capacity. Made from heavy duty polyurethane

GUN 450 ML

► 2x 4' vinyl hoses

► NBR seals

14 PIECE ET0420

ET1794

TRANSFER SYRINGES

Robust plastic construction with transparent design / dual seals.



0.2L syringe is ideal for brake fluid

0.2L BRAKE

45

ideal for oil 1.5L OIL

ET1797

FOR 20L - 50L DRUMS

including DEF / Adblue.

Discharge up to 300L.

2900 mAh lithium battery.

Recharge using USB cable Adjustable telescopic

suction tube (380-520 mm) Suitable fluids include Antifreeze, Windshield fluid, Kero, Diesel, AdBlue & oils (up to ISO 32)

GROZ RECHARGEABLE PUMP

For transferring a wide variety of workshop fluids,

ET1798

OIL FLASK & MEASUREMENT PACK

Twin pack of 5L flasks, with lid / spout.



♦ GROZ

ET9086

SUITS ADBLUE

ET9870

1/2" SQ DRV

\$60

ET2277

ET2280

Sh

AIR BOY PRESSURE SPRAYERS

SELECT THE RIGHT PRESSURE

STRAYER FOR THE JOB!

Acidic Cleaners Ammonia

Chlorine

Cleaner

Mag Wheel

VITON PP

Based Cleaners

Viewing stripe with graduated scale.

Innovative pressure release button.

Replacement seal kit and nozzle

available.

Stable base.

1.5L capacity.

Made in Europe.

Alkaline Cleaners

124VP15

Anti Splatter Degreaser

Methylated

Spirits EPDM PP

124EP15



Gunwash **CRC Brakleen**

Hydrocarbons (with acetone)

EPDM PA

124PA15



Brake Cleaner

Tyre Shine

Prepsol

Kerosene / Diesel

VITON PA

S69 124PS15

* Not suitable for use with CRC Brakleen (5091). Refer 124PA15

\$569

ET4090B

ET9980-FW

AIR / HAND **POWERED**

spanners

includes VW DSG. VZ Commodore, Falcon

Large 12.5L tank

MANUAL FILLER





1/2" Keep organised. Holds both standard / deep sockets. Screen printed for easy identification.

SOCKET TRAYS SILK SCREEN SIZES

ET9960 ET9960-IMP \$27

ET9962 ET9962-IMP \$2-5 ET9964 ET9964-IMP \$ 1

FROM

An economic solution for where a hand

ET9980

Forward / reverse facing racks, made from high quality TPR plastic. FORWARD

LOCKING RAILS Durable aluminium rails, Clips lock sockets onto rail. Strong magnet holds rails securely on toolboxes / hoists etc.

MAGNETIC

Each rail holds 14 sockets

SPANNER RACK SET

1/4" SQ DRV

Do not use with Acids, Acetone, Petrol!

ET2275

3/8" SQ DRV

ET2276

Durable steel tray, with carry handle. ► 20 x 1/4" Sa Drv ► 30 x 3/8" Sa Drv ► 30 x 1/2" Sa Drv

TWIST LOCK CAPS

LOCKING CARRY TRAY

80x locking clips to hold sockets securely.

REVERSE

ET9980-RV

FORWARD & REVERSE 2 PIECE Save precious toolbox space! Each holds 15

STUBBY SPANNER RACKS accerence

Hard wearing TPR plastic. Rack holds 12 stubby spanners.

ET9982

ATF FILLERS & ADAPTORS

powered option for professional workshops.

> 15 pce metal adaptor kit

pump only will suffice.

21 pce adaptor kit 6L tank

16

SPILL FREE COOLANT FUNNEL

Eliminates trapped air pockets. Includes adaptors for most vehicles.

- Threaded cap / adaptors for Ford surge tanks / Holden threaded style radiators.
- Angled neck / extensions for hard to reach caps.



CUP / CARTRIDGE

Suits popular vehicles including Ford / Holden / Toyota / VAG. Plus adjustable wrench (63 - 83mm).

- Cup style: 64.5mm | 74.2mm | 86.6mm | 88.8mm
- Cartridge: 27 | 32 | 36mm

HEAVY DUTY STRAP WRENCH

Durable mesh strap. Firmly grips any filter up to 300mm dia.

OIL FILTER WRENCHES

Twin pack for popular Toyota 4 Cyl | 6 Cyl | 8 Cyl engines. FORGED (not cast) for durability.

TOYOTA

ET9030

2 PIECE

FLUID EXTRACTORS

VACUUM STYLE

Manual pump for extracting engine oil (and ATF /

coolant) etc. ► 6.0L capacity ▶ 5.6mm OD suction probe fits most dipsticl

tubes.



AIR / HAND POWERED

Quickly extract fluid — by hand, or shop air. No need to remove drain plugs etc.

- Includes 4 suction tubes -6mm oil / 7mm oil / brake fluid connector / 10mm gear oil
- Huge 10L capacity.

\$359 ET3586

ET9024

TESLA TRANSMISSION FILTER OIL CUP WRENCH

ET4286

For spin on oil filters on Tesla transmissions.

On 2WD vehicles, there is a filter on the rear transmission. AWD vehicles have a filter on both the front / rear transmissions.

- Applications: Model 3 | Model Y | Model X
- 63.8mm dia | 14 Flutes
- ► 1/2" Sq Drv (or 21mm wrench)



ET9018

FLEXIBLE FUNNELS

CARS TRUCKS ▶ 172 x 372mm 205 x 556mm \$55 ET7267 ET7268

DRAIN PLUG KEYS | 3/8" SQ DRV

HEX: 8. 9. 10. 12. 14. 17mm SQUARE: 7, 8, 10, 11, 12, 13, 14mm / 5/16", 3/8" | 10mm female SPLINE (SEC): M16 | TRIANGLE: 10mm



OIL FILTER CUTTER

Cut oil filters before recycling to extract résidual oil / look for evidence of any metal shards.

60 - 140mm dia oil filters

ET4462



REGULATE

COOLANT | RADIATOR TOOLS

PULSATING FLUSHING GUN

Combines air / water, with pulsating effect, for more effective coolant system cleaning.

- Clean radiators / engine blocks / heater cores
- Uses shop air / water hose



RADIATOR FLUSHING GUN

Stepped nozzle for universal application.

- Water and air pressure can each be independently regulated, for a better clean.
- Nozzle can be swapped out / replaced.

Air Boy

124102185

Safer than high pressure blasting.

Both air and water flow are adjustable.

Nozzles are interchangeable and replaceable.

Connects to standard water connectors.

REGULATE

Combines compressed air and water.

ADBLUE / COOLANT / BATTERY

Accurately measure the strength of battery fluid, screenwash, antifreeze (including synthetics) and aqueous / urea AdBlue® content.

REFRACTOMETER





RADIATOR & COOLANT MASTER TEST KIT

Australia's most comprehensive radiator pressure test kit. Don't get stuck!

Includes new adaptors for Hyundai, VAG, and right angle adaptor for radiators with limited clearance..



INDUSTRIAL QUALITY ULTRASONIC CLEANERS | DUAL FREQUENCY

Ideal for both small parts cleaning, as well as larger items like manifolds / EGR valves etc.

- ▶ Dual frequency for better cleaning. 33 kHz coarse / 40 kHz intensive.
- Stainless tanks. Metal basket included. 10L & 27L unit has a drainage tap.



3L / 120W Inner: 240 x 140 x 100mm

> S479 ET3201A



10L/240W Inner: 300 x 240 x 150mm

ET3202A



30L / 600W

Inner: 500 x 300x 200mm

1469

ET3203A

PUNCHES

GROZ XL PIN PUNCH SET



1/4" | 5/16" | 3/8"

ET9084

BRASS PUNCH SET



Essential workshop set. Non sparking / non marring.

Pin: 1/4" x 4" | 3/8"x 6"

► Drift: 1/2" x 8"

3 PCE

DA9081

MECHANIC'S 10" FILE SET



SPECIALTY BITS / SOCKETS

E-TORX MASTER KIT

- 1/4" Drv: E4 | E5 | E6 | E7 | E8 3/8" Drv: E10 | E11 | E12 | E14 | E16
- ▶ 1/2" Drv: E18 | E20 | E22 | E24



TORX PLUS

TP10 | TP15 | TP20 | TP25 | TP27 | TP30 | TP40 | TP45 | TP50 | TP55 TP60 | TP70 | TP80

INCLUDES TP50 / TP55 FOR SUBARU! ET2037

TORX PLUS TAMPERPROOF

1/4" Hex Drv: TS-10H | TS-15H | TS-20H | TS-25H | TS-27H | TS-30H | TS-40H | TS-45H | TS-50H.

► 60mm bit holder & 3/8" Sq Drv adaptor.



TORX PLUS TAMPERPROOF



1/4": TS-08H | TS-10H | TS-15H | TS-20H | TS-25H | TS-27H | TS-30H

3/8": TS-40H | TS-45H | TS-50H | TS-55H

11PC-25B

SCREW / STUD EXTRACTORS

STUD REMOVER & INSTALLER KIT

Remove engine studs without damaging threads. Safer than traditional stud removers.

METRIC

M6 x P1.0, M8 x P1.25, M10 x P1.25, P10 x

LEFT HANDED DRILLS

Ideal for screw extraction. **Quality Spanish made** drills.

6 PIECE

ET2408

MADE IN SPAIN

TWIST

1/8, 1/4, 5/16, 7/16, 9/16, 3/4"

ET1931

6 PIECE

DA1223





2, 3, 4, 5, 6, 8mm

FLUTED

DA1220

BAR SET

Made from high quality steel, for professional use. Includes a bent tip, and a straight tip pry bar.

handle



240V HEAT INDUCTOR "NO FLAME HEAT"

FLAMELESS INDUCTION GUN



Induction technology delivers accurate, concentrated heat for removing corrosion and thread locked compounds quickly and safely.

- Faster / safer and more precise than oxyacetylene.
- Reduces cool down period saving time & money.
- Minimises risk of collateral damage.
- Supplied with 3 coils and 1m rope.



ET8800

HYDRAULIC CRIMPERS



Hex dies for crimping battery cables, and swaging die for balustrading wire. 8T hydraulic force.

- Dies: 6, 10, 16, 25, 35, 50 & 70mm² + **Swaging Die**
- OPTIONAL #4 | #8 dies for Deutsch connectors (ET5114-AD \$20)
- Dies: 16, 25, 35, 50, 70, 95, 120, 150, 185, 240, 300mm²



ET5116





> 930 mm overall length.

Tang thru design. Comfortable soft grip

2 PIECE

ET1225VP

UNDERBONNET LIGHTS ♦ GROZ SUPERBRIGHT BLUETOOTH BEANIE LED-351

EXPANDABLE

Soft pads to avoid scratching. Simple USB recharging.

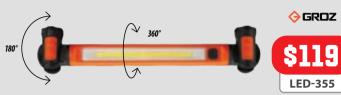
MAGNETIC

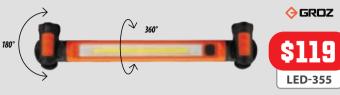
Aluminium body with 3 lights that can be individually rotated up to 40 degrees. 1.2m - 1.76m expandable length to suit even the largest SUVs.

> Slim, compact 10W COB light that shines brighter & lasts longer. Magnetic ends rotate for easy placement. Plus swiveling hooks. Light rotates 360 degrees to direct the beam onto the job, as required.

2600mAh lithium battery with fast Type C charging.

Adjustable intensity with a run time up to 5 hours.







POCKET FLASH LIGHT

Adjustable 5W SMD. 50 - 500 lumen - change light intensity.

- Memory function retains light intensity
- Quality aluminium body / pocket clip
- ▶ Up to 2.5 hour runtime



LED-190

♦ GROZ

SWIVEL FLASHLIGHT WITH **UV LIGHT & LASER**

Three-in-one 300 Lumen flashlight, laser pointer & UV light.



- Multiple output modes: High / Medium / Low Intensity, UV Light & Laser
- 2,600mAh rechargeable battery (Type C fast charge)





WORKLIGHT W/ SPEAKER



500 Lumen worklight, with high quality Bluetooth spéaker. Also use as a Powerbank to charge nhones



2400 mAh battery

♦ GROZ

STRUT SUPPORT CLAMP

Locks onto gas struts to hold in place during vehicle service.







FLOODLIGHTS

1000 LUMEN MINI WORK LIGHT

Compact design with magnetic base. 6 LEDs deliver 1000 Lumen, with a powerful 6,600 mAh battery.

Simple USB recharging

S189

LED-621



500 LUMEN MINI FLOODLIGHT

Powerful magnetic base, with 270° pivoting head.

- ▶ Up to 4 hours runtime
- 6,600 mAh battery
- **USB** charging IP65 rated



LED-650

🔷 GROZ

WORKLIGHT 3-IN-1

Foldable design for narrow workplaces. Adjustable light intensity and magnetic top (pick up tool). 0.5W SMD TOP LIGHT

W/MAGNET

4W COB MAINLIGHT

2W SMD **SPOTLIGHT**

ON/OFF INTENSITY CONTROL

> TYPE C CHARGING

- ► 4W COB worklight / 2W SMD spotlight Type C fast charging. Charge indicated
- by 4 LEDs

LED-185

♦ GROZ

TELESCOPIC MAGNETIC PICK UP LIGHT

Flexible telescopic design. Magnetic end to pick up small metal parts.

- Adjustable focus
- Integrated pocket clip
- Magnetic base
- Rechargeable 450 mAh battery



\$39 LED-132R

♦ GROZ

LOW PRESSURE (11.5 PSI)

Built in air compressor. Uses 12V vehicle power supply.

- ► Compact design / weighs under 2kg
- Under 10 second heat up time
- ► Up to 11.5PSI max pressure





EVAP / TURBO (17 PSI)

Quickly find leaks in both engine and turbo systems. Built in air compressor / light weight / powered from 12V battery.



ET6620

- Pressure range: 0.5 17 PSI (adjustable)
- Use with supplied fluid, or optional dyes

HIGH PRESSURE (120 PSI)



- Both flow and pressure control
- Up to 120 PSI max pressure (compressed air required).
- Heavy vehicle adaptor set included
- Dual gauges Test & System Pressure



Higher capacity smoke machine for heavy duty vehicles. Delivers up to 120 PSI max pressure. Test more than just engines. Check for leaks on small water tanks, air tanks, braking systems etc.

MANUAL RANGING MULTIMETER

- Current (10A DC) / Voltage (DC) / Resistance
- Continuity / Diode tests

9V battery included

600V CAT III ET2301A



OBDII / EOBD CODE READER

Colour screen, live data graphing, automatic VIN recognition, trouble code database & inch morel

- Lifetime free updates
- Turn off Check Engine light! Read & clear codes Compatible with most
- 2006 & newer cars, SUVs Both petrol & diesel

ET2707



IS YOUR CAR COMPATIBLE? CHECK HERE:



♦ GROZ

GROZ NYLON TOOL BAG

Durable, high quality, water & abrasion resistant. Heavy duty zipper. Waterproof base.



BATTERY POWER BOX WITH INVERTER

Built in 240V inverter, and Anderson / USB-C connectors. Use with either 12V lead acid / lithium batteries.

- Inner dimensions: 33 x 19 x 23cm
- 500W (peak 1,000W) pure sine wave inverter
- USB-A / USB-C connectors (fast charge) 50A Anderson plugs (x2)



500W INVERTER

GROZ 24 OZ BALL PEIN HAMMER I UNBREAKABLE HANDLE

Indestructible 14" (350 mm) long handle with spring steel bars that run all the way through the handle. Head cannot get dislodged.



360° SWIVEL RECHARGEABLE TORCHES

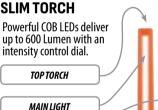
INSPECTION LIGHT

Two magnets on back / one on bottom for hands free usage.



- Simple USB charging
- 7 SMD's generate 400 Lumen
- Twin magnets on rear
- **USB** charging
- Top light.





TOP TORCH ON/OFF SWITCH

ADJUSTABLE INTENSITY CONTROL SWITCH FOR WORKLIGHT

STRONG MAGNET FOR HANDS FREE USE



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