**CONTENTS**

1 PC JAD-1015 Spot Weld Drill
1 PC Mini Oiler
1 PC Swivel Connector (1/4" x 1/4")
4 PCS Extra 8MM & 6.5MM Drill Bit
1 PC 2.5MM "L" Type Hex Key Wrench
1 PC Blow Case
**JAG-0806RM**
6MM HEAVY DUTY AIR DIE GRINDER

**JAG-0903R, JAG-0903RM**
1/4” HEAVY DUTY MINI AIR DIE GRINDER
6MM HEAVY DUTY MINI AIR DIE GRINDER

**JAG-0902RK**
1/4” MINI AIR DIE GRINDER KIT
- Lightweight, compact size is easy to handle.
- Safety lever throttle.
- Composite lever for comfortable handling.
- rebuildable tip handle.
- Comes with a silicon and regulator.

**JAG-0907**
7” EXTENSION 1/4” AIR DIE GRINDER

**JAG-0906F**
1/4” HEAVY DUTY MEDIUM AIR DIE GRINDER

**JAG-0906R**
1/4” HEAVY DUTY MEDIUM AIR DIE GRINDER

**JAG-0906RM**
6MM HEAVY DUTY MEDIUM AIR DIE GRINDER

**JAG-0906RK**
6MM AIR DIE GRINDER KIT
- Power motor provides good jet.
- Safety lever throttle.
- Rear Exhaust keeps air away from you and your working area.
- Build-in the silicon and regulator.
- Comfortable THP handle.

**JAG-0913RM**
6MM HEAVY DUTY MINI ANGLE AIR DIE GRINDER

**JAG-0913R**
1/4” HEAVY DUTY MINI ANGLE AIR DIE GRINDER

**JAG-0973R**
7” EXTENSION 1/4” AIR DIE GRINDER

**JAG-0973RM**
7” EXTENSION 6MM AIR DIE GRINDER

**JAG-0976R**
7” EXTENSION 1/4” AIR DIE GRINDER

**JAG-0976RM**
7” EXTENSION 6MM AIR DIE GRINDER

**JAG-6608**
22500 RPM MICRO AIR GRINDER

**JAG-6612**
4” PROFESSIONAL AIR ANGLE GRINDER (LEVER THROTTLE)

**JAH-7102C, JAH-7102CH**
MINI AIR CHIPPING HAMMER (ROUND) MINI AIR CHIPPING HAMMER (HEX)

**JAT-1010**
LOW VIBRATION MECHANISM AIR SAW

**JAT-1010K**
LOW VIBRATION MECHANISM AIR SAW KIT CONTENTS:
- SPEC-JAT-1010 LOW VIBRATION MECHANISM AIR SAW
- SPEC-16 TEETH SAW BLADES
- SPEC-24 TEETH SAW BLADES
- SPEC-32 TEETH SAW BLADES

**JAT-10T24**
SPCS 24 TEETH SAW BLADES L=175mm

**JAT-20T14**
14 TEETH SAW BLADES L=140mm

**JAT-20T18**
18 TEETH SAW BLADES L=140mm

**JAT-20T24**
24 TEETH SAW BLADES L=140mm

**JAT-6442K**
AIR WINDSHIELD KNIFE
W/3 PCS SERRATED BLADES
- Teflon coated blade for smooth operation.
- Safety lever throttle.
- Safety guard protects the damage.
- Rubber/metal dust cover protects the saw teeth.
- Comes with 4” 7” and 8” blades.

**JAT-6442K-A**
110MM (4”) L BLADES

**JAT-6442K-B**
153MM (6”) L BLADES

**JAT-6442K-C**
203MM (8”) L BLADES

**JAT-6679**
1/4” (6.4MM) HEAVY DUTY AIR HYDRAULIC RIVETER

**JAT-6673**
1/4” (6.4MM) HEAVY DUTY AIR HYDRAULIC RIVETER

**JAT-6678**
AIR BODY SAW (REAR EXHAUST)

**JAT-6441**
AIR KNIFE

**JAT-6676**
AIR BODY SAW (REAR EXHAUST)

**JAT-1023**
SUPER-FINE AIR LAPPER
- Portable, Pocket-sized and compact design.
- Easy to use and control.
- Abrasive paper can be replaced on-the-fly.
- Adjustable side control allows easy hand operation.

**JAT-6673**
LOW SPEED AIR TIRE BUFFER (REAR EXHAUST)

**JAT-6679**
1/4” (6.4MM) HEAVY DUTY AIR HYDRAULIC RIVETER
JAZ-6652-HE

6" DUST DUAL ACTION SANDER W/WDUST VACUUM CONNECTOR

SH QUIC CouPLER

2" COMPOSITE MINI RANDOM ORBITAL SANDERS
- 3 inch machine is screen abrasive ready.
- Compact.
- Light weight.

PM PLUG

2" COMPOSITE MINI RANDOM ORBITAL SANDERS
- 3 inch machine is screen abrasive ready.
- Compact.
- Light weight.

PH PLUG

2" COMPOSITE MINI RANDOM ORBITAL SANDERS
- 3 inch machine is screen abrasive ready.
- Compact.
- Light weight.

JAS-1023-HE

7" AIR VERTICAL POLISHER

JAS-1205-HE

PROFESSIONAL MINI ORBITAL SANDER (7 X 150MM, HOOK FACE)

JAS-1206-HE

6" COMPOSITE MINI RANDOM ORBITAL SANDERS

JAS-1207-HE

5" CENTRAL VACUUM RANDOM ORBITAL AIR SANDER

JAS-6697-HE

3" DIAMOND AIR SANDER

JAS-6660

2" DIAMOND AIR SANDER

JAS-6660-3

3" DIAMOND AIR SANDER

JAS-6542 | JAS-6543

AIR BELT SANDER (30 X 330 MM)

JAS-6552

7" AIR VERTICAL POLISHER

JAS-6552-HE

PROFESSIONAL MINI ORBITAL SANDER (7 X 150MM, HOOK FACE)

JAS-6697-VE

5" CENTRAL VACUUM RANDOM ORBITAL AIR SANDER

JAS-6529VCA

6" DUST FREE Type ORBITAL AIR SANDER

JAS-6529-HE

6" DUST DUAL ACTION SANDER W/DUST VACUUM CONNECTOR
6" CENTRAL-VACUUM RANDOM ORBITAL AIR SANDER
JAS-6697-6HE

6" CENTRAL-VACUUM RANDOM ORBITAL AIR SANDER
JAS-6697-6VE

5" SELF GENERATED VACUUM RANDOM ORBITAL AIR SANDER
JAS-6698-5HE

5" SELF GENERATED VACUUM RANDOM ORBITAL AIR SANDER
JAS-6698-5VE

5" SELF GENERATED VACUUM RANDOM ORBITAL AIR SANDER
JAS-6698-6HE

5" SELF GENERATED VACUUM RANDOM ORBITAL AIR SANDER
JAS-6698-6VE

PROFESSIONAL SPRAY GUN
JA-506G

PROFESSIONAL SPRAY GUN
JA-507S

PROFESSIONAL SPRAY GUN KIT (SUCKTION TYPE)
JA-R1005

PROFESSIONAL SPRAY GUN
JA-6111

PROFESSIONAL SPRAY GUN
JA-6111K

H.V.L.P SPRAY GUN
JA-HVLP-1080G

H.V.L.P SPRAY GUN
JA-HVLP-1080CD

H.V.L.P SPRAY GUN KIT
JA-HVLP-1080CDK

PROFESSIONAL L.V.L.P. GRAVITY FEED SPRAY GUN
JA-LVLP-0303

STAINLESS STEEL PAINT STRAINER
JA-1205A

STAINLESS STEEL PAINT STRAINER
JA-1205C

STAINLESS STEEL PAINT STRAINER
JA-1205D

PROFESSIONAL AIR SANDER SERIES
JA-23S

PROFESSIONAL SPRAY GUN (SUCKTION TYPE)
JA-6129

2 LITER PRESSURE POT WITH H.V.L.P SPRAY GUN
JA-6129

2 LITER PRESSURE POT WITH H.V.L.P SPRAY GUN
JA-6121

PROFESSIONAL SPRAY GUN
JA-6121

Nylon Strainer
JA-1205C

Dust Cartridge Anti dust
AS-0029C

Dust Respirator
AS-0029

Suction Lifter with Two Vacuum Cup
AB030056

Ignition Lock & Radio & Hook Tool Set
AB030024

Car Door Upholstery Remover
AB030028

Air Inflate for Unlock Door (Vehicle)
AB030041

Window Installation Kit
AB010001

Windshield Removal Kit
AB010002

Windshield Cut-Out Wire
AB010013

5 PCS Handy Remover Set
AB010026S

Suction Lifter with Two Vacuum Cup
AB020003

7-150 PSI Air Regulator for JA-HVLP-6112
JA-3805C

7-150 PSI Air Regulator for JA-HVLP-6112
JA-3805CD

7-150 PSI Air Regulator, Regulator & Lubricator
JA-6702 AF

7-150 PSI Air Filter, Regulator & Lubricator
JA-6703 AF

Air Filter, Regulator & Lubricator
JA-6703 AF

Air Regulator 0 - 150 PSI
JA-1205A

Air Regulator 0 - 150 PSI
JA-1205C

Nylon Bristle Parts Brush (3pcs) & Alum. Holder - Cleans outside after each use.

5 Miniature brush Set - Cleans air horns and small orifices inside air caps & fluid nozzles.

3 PC Brush - Cleans large holes in HVLP air caps & fluid nozzles.

Stainless Strainer

Cont. / Special Feature:
1 Set - Precision needle Set (5pcs) & Alum. Holder - Cleans clogged air cap orifices.

1 PC - 1/2" Body cavity brush - Cleans body cavities and air passages.

1 PC - Paint Gun Lube - 1/2oz - Lubes needle & tightens packing.

1 PC - Brass Power Pick-Up tube Brush - Put on drill for clogged pick-up tubes.

1 SET - Nylon Bristle Parts Brush (3pcs) & Alum. Holder - Cleans outside after each use.

5 PC - Miniature brush Set - Cleans air horns and small orifices inside air caps & fluid nozzles.

Stainless Strainer

3 PCS Professional Paint gun Maintenance Kit
AS-005A

Contents / Special Features
161 Parts needle Set (5pcs) & Alum. Holder - Cleans clogged air cap orifices.

3/4" Air filter, Regulator & Lubricator

1/2" Air filter, Regulator & Lubricator

3/4" Air filter, Regulator & Lubricator

For JA-HVLP-6112, JA-HVLP-6112D, JA-HVLP-1080GD

Air Regulator 0 - 150 PSI

Air Regulator 0 - 150 PSI

Dust Cartridge - FFP1S Valved Active Carbon Respiration

Dust Filter - 50 Pcs / Box

Disposable Respirator - FFP1

Resin Filter - 50 Pcs / Box

Resin Filter - 50 Pcs / Box

Filtering Half Mask - Anti dust

21 PCS Professional Paint Gun Maintenance Kit

Contents / Special Feature:

1 Set - Precision needle Set (5pcs) & Alum. Holder - Cleans clogged air cap orifices.

1 PC - 1/2" Body cavity brush - Cleans body cavities and air passages.

1 PC - Paint Gun Lube - 1/2oz - Lubes needle & tightens packing.

1 PC - Brass Power Pick-Up tube Brush - Put on drill for clogged pick-up tubes.

1 SET - Nylon Bristle Parts Brush (3pcs) & Alum. Holder - Cleans outside after each use.

5 PC - Miniature brush Set - Cleans air horns and small orifices inside air caps & fluid nozzles.

Magnetic Hook for Impact Wrench & 4 PCS Deep Sockets

Ignition Lock & Radio & Hook Tool Set

Ignition Lock & Radio & Hook Tool Set

Car Door Upholstery Remover

Air Inflate for Unlock Door (Vehicle)
**AUTOMOTIVE REPAIR TOOLS**

**BODY PRY BARS**

- **DROP FORGED**
- **TELESCOPIC TRANSMISSION JACKS**
- **TWO SPEED PUMP**
- **COLLISION REPAIR KITS**
- **BODY WEDGE TOOLS**

**10 TON COLLISION REPAIR KIT**

- **TWO SPEED PUMP** (DROP FORGED)
- **4 TON HEAVY COLLISION REPAIR KITS, TWO SPEED PUMP** (DROP FORGED)
- **TRANSMISSION JACKS**
- **TECHNICAL TRANSMISSION JACKS**

**TRANSMISSION JACKS**

- **ALUMINUM RACING CAR SERVICE JACK**
- **ENGINE STANDS**
- **GEAR TYPE UNIVERSAL K / D RACK**

**ENGINE STANDS**

- **CAPACITY : 980 lb**

**GEAR TYPE UNIVERSAL K / D RACK**

- **The rack type universal K/D rack is designed for engine maintenance only.**
- **The rack type universal K/D rack can be used with AE110020.**

**DRAIN PAN**

- **Flow rate : 75 Gallons**
- **Maximum speed : 11000 rpm**
- **Size : 31-7/8" L x 20-7/8" W x 35-3/8" H**

**30L WASTE OIL DRAINER**

- **CAPACITY : 30L**

**14PCS RADIATOR PRESSURE TESTER**

- **MAXIMUM WORKING PRESSURE : 25 PSI**
- **FREQUENCY : 4000 R/P**

**25PCS HYDRAULIC GEAR PULLER**

- **6 WAYS MULTI PURPOSE HYDRAULIC GEAR PULLER**

**PULLER SET**

- **HYDRAULIC SEPARATOR PULLER SET**

**HYDRAULIC SEPARATOR**

- **25PCS HYDRAULIC GEAR PULLER**

**PRESSURE SCREW SEPARATOR PULLER SET**

- **TWO SETS BEARING SEPARATOR ASSEMBLY**

**CONTENTS:**

- 1 set bearing separator & bolts
- 5 pcs main bearing bolts (Hex bar: 17mm x 0.8" L x 127mm x 16")
- 1pc center bolt (1-5/8" x 1-5/8 x 1-1/16 inch carbon steel)

**HYDRAULIC SEPARATOR PULLER SET**

- **HYDRAULIC SEPARATOR PULLER SET**

**CONTENTS:**

- 1 set bearing separator & bolts
- 5 pcs main bearing bolts (Hex bar: 17mm x 0.8" L x 127mm x 16")
- 1pc center bolt (1-5/8" x 1-5/8 x 1-1/16 inch carbon steel)

---

**NEW**

- **Features :** • Special new design for 4 fixing point to be a bridge to hold the engine in place. • Suitable for engine oil, gear oil, transmission and brake fluid water. • For DIY or professional use. • Simple easy-to-use, easy-to-operate. • Suitable for engine oil, gear oil, transmission and brake fluid water.

**NEW**

- **Features :** • Gear box allows full rotating service for the mounted unit and easy moving. • To ensure stability and easy maneuvering. • Four adjustable arms attached make engine mounting fast and easy. • Gear box allows full rotating service for the mounted unit and easy moving. • new 5 Ton capacity long stroke ram is designed with swivel handle to provide fast engine removal and replacement from any position. • Gear box allows full rotating service for the mounted unit and easy moving.

---

**NEW**

- **Features :** • New 5 Ton capacity long stroke ram is designed with swivel handle to provide fast engine removal and replacement from any position. • Gear box allows full rotating service for the mounted unit and easy moving.

---

**NEW**

- **Features :** • Manual operated grease dispenser. • For engine oil, gear oil, transmission and brake fluid water. • Suitable for engine oil, gear oil, transmission and brake fluid water. • For DIY or professional use. • Simple easy-to-use, easy-to-operate.
### INTERNAL & EXTERNAL PULLER SET

**Centre Bolt** (S45C Carbon Steel) Hardened 42° - 43°

### BALL JOINT PULLER

- **Size:** 23 mm

### ARMATURE BEARING PULLER

- **Size:** 12 mm

### LONG JAW BEARING PULLER

- **Size:** 10 mm

### HUB SLIDE HAMMER PULLER (5 HOLES)

- **Size:** 5 mm

### WASHER SLIDE HAMMER SET

- **Size:** 16 mm

### UNIVERSAL BALL JOINT EXTRACTOR

- **Size:** 180 mm

### BALL JOINT INSTALLER W123 / 126 / 220

- **Size:** 22 mm

### SPRING COMPRESSION SET

- **Size:** 3 mm

### MELSEND BALL JOINT INSTALLER

- **Size:** 18 mm
### CLAMPS

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>AE330009</td>
<td>Single Direction Clamp</td>
<td>Capacity: 3 TON</td>
</tr>
<tr>
<td>AE330010</td>
<td>Multi-Direction Clamp</td>
<td>Capacity: 5 TON</td>
</tr>
<tr>
<td>AE330012</td>
<td>Multi-Direction Clamp</td>
<td>Capacity: 5 TON</td>
</tr>
<tr>
<td>AE330018</td>
<td>Two Direction Clamp (Large)</td>
<td>Capacity: 5 TON (Multi-Direction)</td>
</tr>
<tr>
<td>AE330024</td>
<td>Chain Fixing Base</td>
<td>Applicable chain: 5/16&quot;, 3/8&quot;</td>
</tr>
<tr>
<td>AE330026</td>
<td>Ball Pivot Base</td>
<td>Applicable chain: 5/16&quot;, 3/8&quot;</td>
</tr>
<tr>
<td>AE330028</td>
<td>Door Post Puller</td>
<td>Fixed on the car to pull side long-line.</td>
</tr>
<tr>
<td>AE330030</td>
<td>Unibody Clamp</td>
<td>Size: 240 x 140 MM</td>
</tr>
<tr>
<td>AE330031</td>
<td>Double Connector</td>
<td>Capacity: 6 TON</td>
</tr>
<tr>
<td>AE330032</td>
<td>Hand Link</td>
<td>Capacity: 6 TON</td>
</tr>
</tbody>
</table>

### DOWN PULLEY ASSEMBLY

- Applicable chain: 5/16", 3/8" |
- Include two pins to fix the stander.

### CLAMS

- Bolt size: 14mm x 73 L mm |
- Thin sheet employed.

- The jaw surface can be extended about 3" (75mm) |
- The jaw surface length is 120mm and that is very suitable for thin sheet employed.

### TELESCOPYING INSPECTION MIRROR

- Size: 50 x 92mm |
- Made of chrome molybdenum.

### CAPACITY: 5 TON

### MULTI HOLE PULL PLATES

- To lock the screws with plate on the car, in order to pull straight-line.

### HANDY HOOK

- Pulling after fixing the hook into the indentation.

### 3 IN LIGHT MAGNETIC MIRROR

- Attach 25 x 50mm swivel inspection mirror and magnetic magnet.

### PROFESSIONAL IMPACT DRIVER

- Chrome molybdenum.
- Heat treated.

### 10 HAND POWER PULLER

- Capacity: 4 TON (H00) & 4PS with switch, Hand tool Thickness: 5.5mm (Chrome Plated), Body Metal Thickness: 4mm (Chrome Plated), Double Gear & Ductile (Both in Ductile Steel Body), Cable: Dia.8mm x 15 ft with 3 Holes.

### OVERHEAD VALVE SPRING COMPRESSOR

- For use on a wide range of G6V, G5V and CVT engines not suitable for use in engines with deep seated valves.
- Alum wire springs and valve stem tools to be replaced with the cylinder head. A torus is a meridian of a single point and automatic con-attraction boing is a pre-attraction seating.

### CAPACITIVITY: 1/2" IMPACT DRIVER W/36MM 13BITS

### CAPACITIVITY: 3/4" IMPACT DRIVER W/36MM 13BITS

### OVERHEAD VALVE SPRING COMPRESSOR

### CAPACITIVITY: 5/16" IMPACT DRIVER W/36MM 13BITS
**AN010070**  
**REAR DISC BRAKE CALIPER TOOL**  
- For grooving pistons back into the caliper to provide clearance for new pads.  
- Includes 5 adapters for use in both 2 and 4 wheel rear disc brake assembly most of cars.  
- Tool may be used “ON” or “OFF” the car.  
- A short lever that makes this job easy helps prevent damage to the piston and boot.  
- Comes use including: Maxi HONDA, NISSAN, TOYOTA, FORD & GM etc.

**AN010072**  
**EXTERNAL & INTERNAL RESTORER FILES**  
- Restore tool for renewing damaged thread on any diameter bolt, stud, axle or shaft fillet with right and left hand threads.  
- Design for in hole & narrow area usage.  
- Description pitch sizes  
  - Matte file 0.80, 1.00, 1.25, 1.50, 1.75, 2.00, 3.00

**AN010073**  
**MULTI-PURPOSE INNER TIE ROD TOOL**  
- For rotating pistons back into the caliper to provide clearance to brake assembles most of cars.  
- Prevent damage to the piston and boot.  
- 3 position settled Patented.  
- Rubber cover design to protect the rim.

**AN010074**  
**EXHAUST & TAILPIPE CUTTER**  
- Use tool to cut pipes 3/4” to 3” (19 to 76mm) in diameter.  
- Fifteen (15) effectively cut pipe so only fit you select needed for the complete cut.  
- Patented savable tool works in hard-to-reach areas.  
- 4 position cut double-end pipe.  
- Keep well, lock, and do not use on stainless steal.

**AN010075**  
**BPW TRUCK SOCKET TOOL (REAR WHEEL)**  
- Tool works in two steps for threaded steel, aluminum or copper pipes.  
- For dimensions of 3/16”(7.95mm) and 1/4”(15mm)
- Fast manual flaring tool with minimal material wastage.

**AN010076**  
**8PCS MANUAL BRAKE GAUGE SET**  
- Designed for accurate measurement of how much brake lining is left.  
- 4mm, 5mm, 6mm, 8mm, 10mm, 12mm, 14mm, 16mm, 18mm, 20mm

**AN010077**  
**UNIVERSAL SHOCK ABSORBER TOOL**  
- For removing & installing shock nuts.  
- The inner tie rod can be easily removed and installed by slipping the long socket over tie end and connecting it to the open-jaw driver.

**AN010078**  
**INNER TIE ROD TOOL**  
- These tools are specially designed for the inner tie rod that are inaccessible to adjust.  
- The long socket can be easily used with open-jaw drivers, size 1/32”, 1/16”, 3/32”, 1/8”, 7/64”, 9/64”, 13/64”, 1/4”, 11/32”, 3/16”, 7/32”, 9/32”.”

**AN010079**  
**45° FLARING, DOUBLE FLARING & CUTTING TOOL SET**  
- Includes heavy duty tube cutter, standard 45° flaring tool and double flaring adapters set in custom carrying case.

**AN010080**  
**FLYWHEEL HOLDING TOOL SET**  
- Designed to prevent the crankshaft from rotating when removing the crankshaft pulley for tension belt replacement.  
- The pull tool has a high torque loading in which case the engine must be locked secure when removing and tightening the bolt.  
- The special design is to engage the flywheel teeth and the tool is bolted to the transmission housing to prevent movement of the flywheel.

**AN010081**  
**PROFESSIONAL UNIVERSAL FLARING TOOL**  
- Tool works in two steps for threaded steel, aluminum or copper pipes.  
- For dimensions of 3/16”(7.95mm) and 1/4”(15mm)
- Fast manual flaring tool with minimal material wastage.

**AN010082**  
**OXYGEN SENSOR WRENCH**  
- Place a slot in this wrench to accommodate connecting nuts on oxygen sensors which usually won’t fit in standard wrenches.  
- The extended and reinforced body removes the most stubborn sensors without rattling them off.

**AN010083**  
**FLYWHEEL HOLDING TOOL SET**  
- Designed to prevent the crankshaft from rotating when removing the crankshaft pulley for tension belt replacement.  
- The pull tool has a high torque loading in which case the engine must be locked secure when removing and tightening the bolt.  
- The special design is to engage the flywheel teeth and the tool is bolted to the transmission housing to prevent movement of the flywheel.

**AN010084**  
**OXYGEN SENSOR WRENCH**  
- Place a slot in this wrench to accommodate connecting nuts on oxygen sensors which usually won’t fit in standard wrenches.  
- The extended and reinforced body removes the most stubborn sensors without rattling them off.

**AN010085**  
**FLYWHEEL HOLDING TOOL SET**  
- Designed to prevent the crankshaft from rotating when removing the crankshaft pulley for tension belt replacement.  
- The pull tool has a high torque loading in which case the engine must be locked secure when removing and tightening the bolt.  
- The special design is to engage the flywheel teeth and the tool is bolted to the transmission housing to prevent movement of the flywheel.

**AN010086**  
**UNIVERSAL CAMSHAFT ALIGNMENT TOOL**  
- Using the camshaft central screw and fit in the socket to be the support to fix the camshaft.  
- Adjustable to fit most kinds of vehicle.  
- Special design to aligned the camshaft and removing or installing the guide rail pin.

**AN010087**  
**ENGINE SERVICE TOOLS | ENGINE SERVICE TOOLS | ENGINE SERVICE TOOLS**  
- U.S.A. pat. Applying  
- TAIWAN pat. Applying  
- ENGINE SERVICE TOOLS | ENGINE SERVICE TOOLS | ENGINE SERVICE TOOLS
• Contents: black and red clips.
• Designed to check various electric wires.

**FAST CHECK WIRE-CLIP**

**Al020019**

**Al020018**

**Al020017**

**Al020016**

**Al020015**

**Al020014**

**Al020013**

**Al020012**

**Al020011**

**Al020010**

**Al020009**

**Al020008**

**Al020007**

**Al020006**

**Al020005**

**Al020004**

**Al020003**

**Al020002**

**Al020001**

**Al010067**

**Al010066**

**Al010065**

**Al010064**

**Al010063**

**Al010062**

**Al010061**

**Al010060**

**Al010063**

**Valve Spring Compressor for General Car for Small Engine**

**Capacity: 2-3/4” to 4-1/4” (70-100 mm)**

**Valve Spring Compressor for Toyota General Car**

**Valve Spring Compressor for Truck**

**Valve Spring Compressor for Large Engines & Diesel Engines.**

**Valve Spring Compressor Tester Set (C.A.V.)**

**Petrol Engine Compression Tester Set**

**Diesel Engine Compression Tester Set (C.A.V.)**

**Digital Compression Test Kit**

**Valve Spring Compressor**

**Standard Piston Ring Expander**

**Universal Overhead Cam Valve Spring Compressor**

**Transaxle Pressure Gauge Set**

**Fuel Injection Test Kit**

**Cylinder Leak Detector and Crank Stopper**

**Exhaust Pressure Tester**

**Lock Ring Pliers (Angle Tip)**

**Vacuum Testing/Brake Bleeding Kit**

**Mechanics Stethoscope**

**Heavy-Duty 10-1/2” Replaceable Tip Circlip Pliers Set**

**Mechanics Stethoscope**

**Digital Vacuum & Pressure Pump with Brake Bleeder Kit**

**Engine Service Tools**
### VALVE LIFTER REMOVAL / INSTALL TOOL
- **AI040036**
  - **1/2” ADJUSTABLE OIL FILTER WRENCH**
  - **12” ADJUSTABLE OIL FILTER WRENCH**
- **AI050001**
  - **OIL FILTER WRENCH 1-LEG, 2-WAY**
  - **3 LEG TWO WAY OIL FILTER WRENCH**
- **AI050005**
  - **OIL FILTER MASTER Pliers**
  - **OXYGEN SENSOR FLEXIBLE SOCKET WRENCH (22MM)**
- **AI050004**
  - **15PCS STEEL OIL FILTER WRENCH KIT**
  - **30PCS CUP TYPE OIL FILTER WRENCH KIT**
  - **BENZ & BMW FAN SERVICE WRENCH KIT**
- **AI050049**
  - **CHAIN WRENCH**
  - **TIGHTING LIGHT WITH TACH / DWELL / VOLT TESTER**
  - **HI-BEAM TIMING ADVANCE TESTER**
- **AI050047**
  - **PROFESSIONAL SWIVEL HANDLE OIL FILTER WRENCH**
- **AI050008**
  - **12” X M9 CYLINDER HEAD BOLT TOOL**
  - **4PCS PRY BAR SET**

### DIE CAST METAL TIMING LIGHT
- **AI020003**
  - **BATTERY LOAD TESTER**
  - **PROFESSIONAL VACUUM & FUEL PUMP TESTER**
  - **BRAKE FUILD TESTER**

### DIE CAST METAL TIMING ADVANCE TESTER
- **AI020004**
  - **3-PIECES TUNE-UP KIT**
  - **FLEX-DRIVE COMPRESSION TESTER**
  - **3-PIECES TUNE-UP KIT**

### DIE CAST METAL TIMING LIGHTING
- **AI020005**
  - **MERCEDES-BENZ OIL FILTER WRENCH (74MM X 14 FLUTES)**

### DIGITAL AUTOMOTIVE ANALYZER & MULTI METER
- **AI020006**
  - **DIE CAST METAL TIMING ADVANCE TESTER**
  - **HI-BEAM TIMING ADVANCE TESTER**

### DIGITAL ADVANCE TIMING LIGHT WITH TACH / DWELL / VOLT TESTER
- **AI020008**
  - **UNIQUE COMPRESSION TESTER KIT**
  - **FLEX-DRIVE COMPRESSION TESTER**

### COMPRESSION TESTER KIT
- **AI020009**
  - **3-PIECES TUNE-UP KIT**
  - **FLEX-DRIVE COMPRESSION TESTER**

### ADDITION OF R-12 & R-134a O-RING KIT
- **AI020010**
  - **12/24V POWER STATION (17AMP)**
  - **12/24V POWER STATION (35AMP)**

### ENGINE SERVICE TOOLS
- **AI050002**
  - **MERCEDES-BENZ OIL FILTER WRENCH**
  - **BATTERY LOAD TESTER**

### ELECTRONIC TOOLS
- **AI050003**
  - **OIL FILTER WRENCH**
  - **BATTERY LOAD TESTER**

### ELECTRONIC TOOLS
- **AI050007**
  - **3 LEG TWO WAY OIL FILTER WRENCH**
  - **BATTERY LOAD TESTER**

### ELECTRONIC TOOLS
- **AI050008**
  - **12” ADJUSTABLE OIL FILTER WRENCH**
  - **BATTERY LOAD TESTER**

### ELECTRONIC TOOLS
- **AI050009**
  - **4PCS PRY BAR SET**
  - **BATTERY LOAD TESTER**

### ELECTRONIC TOOLS
- **AI050010**
  - **1/2” X M9 CYLINDER HEAD BOLT TOOL**
  - **BATTERY LOAD TESTER**

### ELECTRONIC TOOLS
- **AI050011**
  - **MERCEDES-BENZ OIL FILTER WRENCH**
  - **BATTERY LOAD TESTER**

### ELECTRONIC TOOLS
- **AI050012**
  - **OIL FILTER WRENCH**
  - **BATTERY LOAD TESTER**

### ELECTRONIC TOOLS
- **AI050013**
  - **OIL FILTER WRENCH**
  - **BATTERY LOAD TESTER**

### ELECTRONIC TOOLS
- **AI050014**
  - **OIL FILTER WRENCH**
  - **BATTERY LOAD TESTER**

### ELECTRONIC TOOLS
- **AI050015**
  - **OIL FILTER WRENCH**
  - **BATTERY LOAD TESTER**

### ELECTRONIC TOOLS
- **AI050016**
  - **OIL FILTER WRENCH**
  - **BATTERY LOAD TESTER**

### ELECTRONIC TOOLS
- **AI050017**
  - **OIL FILTER WRENCH**
  - **BATTERY LOAD TESTER**

### ELECTRONIC TOOLS
- **AI050018**
  - **OIL FILTER WRENCH**
  - **BATTERY LOAD TESTER**

### ELECTRONIC TOOLS
- **AI050019**
  - **OIL FILTER WRENCH**
  - **BATTERY LOAD TESTER**

### ELECTRONIC TOOLS
- **AI050020**
  - **OIL FILTER WRENCH**
  - **BATTERY LOAD TESTER**

### ELECTRONIC TOOLS
- **AI050021**
  - **OIL FILTER WRENCH**
  - **BATTERY LOAD TESTER**

### ELECTRONIC TOOLS
- **AI050022**
  - **OIL FILTER WRENCH**
  - **BATTERY LOAD TESTER**

### ELECTRONIC TOOLS
- **AI050023**
  - **OIL FILTER WRENCH**
  - **BATTERY LOAD TESTER**

### ELECTRONIC TOOLS
- **AI050024**
  - **OIL FILTER WRENCH**
  - **BATTERY LOAD TESTER**

### ELECTRONIC TOOLS
- **AI050025**
  - **OIL FILTER WRENCH**
  - **BATTERY LOAD TESTER**

### ELECTRONIC TOOLS
- **AI050026**
  - **OIL FILTER WRENCH**
  - **BATTERY LOAD TESTER**

### ELECTRONIC TOOLS
- **AI050027**
  - **OIL FILTER WRENCH**
  - **BATTERY LOAD TESTER**

### ELECTRONIC TOOLS
- **AI050028**
  - **OIL FILTER WRENCH**
  - **BATTERY LOAD TESTER**

### ELECTRONIC TOOLS
- **AI050029**
  - **OIL FILTER WRENCH**
  - **BATTERY LOAD TESTER**

### ELECTRONIC TOOLS
- **AI050030**
  - **OIL FILTER WRENCH**
  - **BATTERY LOAD TESTER**

### ELECTRONIC TOOLS
- **AI050031**
  - **OIL FILTER WRENCH**
  - **BATTERY LOAD TESTER**

### ELECTRONIC TOOLS
- **AI050032**
  - **OIL FILTER WRENCH**
  - **BATTERY LOAD TESTER**

### ELECTRONIC TOOLS
- **AI050033**
  - **OIL FILTER WRENCH**
  - **BATTERY LOAD TESTER**

### ELECTRONIC TOOLS
- **AI050034**
  - **OIL FILTER WRENCH**
  - **BATTERY LOAD TESTER**

### ELECTRONIC TOOLS
- **AI050035**
  - **OIL FILTER WRENCH**
  - **BATTERY LOAD TESTER**

### ELECTRONIC TOOLS
- **AI050036**
  - **OIL FILTER WRENCH**
  - **BATTERY LOAD TESTER**
**New**

### ELECTRONIC TOOLS

#### SMART CAR BATTERY TESTER
- 12V 10 - 80 AH

#### CAR BATTERY & ALTERNATOR CHECKER
- LED lights indicate car battery condition (engine started)
- Output of alternator (engine running)
- Lights show poor, fair or good condition.
- Magnetic backside keeps your hands free for checking.

#### ELECTRIC CIRCUIT TESTER
- Voltage: 6-24 dvc
- Wire length: 4.5mt
- 8A safety gear inside
- The automatic power failure will start when voltage is over the limit
- The tool also can test positive and negative voltage
- Tests continuity in switches, relays, diodes & fuses, and wiring harnesses
- Polarity test cables and sockets
- Find short circuits and bad earths fast

#### METAL CASE BATTERY BRUSH (NICKLE PLATED)
- Designed for cleaning the battery terminals.
- You can use on both sides.

#### CAR DASH CLAMP METER + CMM, 2+1 TRUE RMS
- 2000A DCA/ACA clamp meter + digital multimeter,
- True RMS reading for AC & DC measurement
- 4999 counts, auto range, dual multimeters for AC, DC, ADJ, OHM, ohms, capacitance, frequency, continuity, duty cycle and duty cycle check.

#### BATTERY TESTER
- Avoid overdischarge and help to extend battery life.
- Tests battery life or car battery charger.
- Applicable: 6, 12, 24V car systems.

#### ANTI-FREEZE TESTER
- Avoid water freon-up and summer bukowin.
- Test all permanent (Ethylene Glycol) solutions with radiator hot or cold.
- Two scales show freeze point of radiator solution.
- Boiling point of summer coolant.

#### BRAKE FLUID TESTER
- Calibration instructions:
  - Unfold test bar
  - Clean 2 probes on test bar head
  - Dip test bar head in new brake fluid drawn from a previously unopened container
  - Press test button
  - Using a cross head screwdriver, adjust trim screw until reset indicator light flashes green

#### “LIFETIME” HEAVY DUTY CIRCUIT TESTER
- The best quality electrical tester available for checking it and 12 volt systems.
- Made to last a lifetime
- Has heavy duty ground clip and insulator.
- 5" of tough flexible rubber wire is insulated in spring supported strain relief designed to withstand the most rugged use.
- Bulb is easily replaced.

#### AUTOMOTIVE BLADE FUSE KIT
- Size: 5A, 7.5A, 10A, 15A, 20A, 25A, 30A
- Puller x 1
- Total: 156pcs

#### UNIVERSAL SOLDERLESS BRASS BATTERY TERMINAL

#### BOOSTER STAR (17 AMP)
- Booster star, DC 12V power supply, engine starter & battery charger.
- W/pcs 17 AMP battery (W/o safety switch)

#### “LIFETIME” HEAVY DUTY UNLEAD BATTERY TERMINAL

#### 7PCS DISCONNECT SET
- Includes six tools for disconnecting spring couplings on Ford, GM, and Chrysler air conditioning lines. Also works on fuel lines and can be used as push lock connections on radiator and transmission lines.

#### RUBBER SPARK PLUG REMOVER AND INSTALLER
- Flexible shaft permits access from many angles.
- Easily insert & remove hand-to-elect spark plugs with the flexible shaft tool.
- Soft-stopped tip firmly grips terminal and provides.
- Special design helps you avoid hot engine burns.

#### HOSE CLAMP PLIERS
- A new design plier for all kinds of hose clamp.
- Special design for narrow space.
- Tips and jaws swivel through 360 degrees.
- Convenient for working hidden areas and long distance.

#### FLEXIBLE HOSE CLAMP
- For replacement of fuel, oil and water hose.
- Hose clamp with flexible 60mm wire.

#### DUST SHIELD KIT
- Extendable dust shield can fit most kinds of propeller shaft