1/8” PENCIL TYPE DIE GRINDER - 56,000RPM
- Designed for high speed porting and finishing of small parts
- Precision balance and remote exhaust

MODEL NO. 218

4” AIR ANGLE GRINDER WITH LEVER THROTTLE
- Handles a variety of body shop work, auto and truck repair
- Widely applied for weld preparation, deburring, blending and smoothing applications

MODEL NO. 3006

1/4” 90° ANGLE DIE GRINDER W/ SAFETY LEVER - FRONT EXHAUST - 20,000RPM
- Unmatched lifespan for high production settings
- Compact and lightweight

MODEL NO. T20AH

1/4” MEDIUM DIE GRINDER W/ SAFETY LEVER - REAR EXHAUST - JAPAN BEARINGS - 22,000RPM
- Lever throttle for feathering control
- Maximum durability 1/2HP motor

MODEL NO. T210
**2PC. DIE GRINDER KIT**
1/4" MEDIUM DIE GRINDER AND 8PCS. DOUBLE CUT CARBIDE ROTARY BURR SET

- Lever throttle for feathering control
- Positive grip - 1/4" capacity collet chuck

**3PC. DIE GRINDER KIT**
W/ 1/4" 90° ANGLE AND STRAIGHT DIE GRINDER W/ 8PC. DOUBLE CUT CARBIDE ROTARY BURR SET

- Comfortable and durable die grinders
- Over-molded grip for comfort and insulation

**2181B**

- Lever throttle for feathering control
- Positive grip - 1/4" capacity collet chuck

---

**202**

**COMPOSITE BODY**
1/4" MEDIUM DIE GRINDER - 22,000RPM - REAR EXHAUST

- Rear exhaust air flow system directs air away from work surface
- Compact and lightweight

**204**

**COMPOSITE BODY**
1/4" 90° ANGLE DIE GRINDER - 20,000RPM - REAR EXHAUST

- Rib textured handle provides a firm grip
- Throttle lever for feathering control

---

**219**

**COMPOSITE BODY**
1/4" MEDIUM DIE GRINDER - 22,000RPM - REAR EXHAUST

- Rear exhaust air flow system directs air away from work surface
- Compact and lightweight

**COMPOSITE BODY**
1/4" 90° ANGLE DIE GRINDER - 20,000RPM - REAR EXHAUST

- Rib textured handle provides a firm grip
- Throttle lever for feathering control

---

**Model No.**

- 202
- 204
- 219
- 2181B
**BURR KITS & AIR HAMMERS**

**2181**

8PC. DOUBLE CUT CARBIDE ROTARY BURR SET 1/4" SHANK

- Solid Tungsten Carbide burrs for rapidly removing all ferrous materials including steel, stainless and cast iron

**2185**

5PC. LONG DOUBLE CUT CARBIDE BURR SET 4.5"

- Extra-long 4.5" double cut for hard to reach areas

**4980**

0.498" SHANK SUPER DUTY AIR HAMMER / RIVETER

- Maximum power air hammer for heavy duty, off-road, industrial and automotive applications
- Remove or install rivets in I-beam suspension and work site equipment, heavy duty servicing of truck bushings, springs, king pins and more

**49801**

QUICK CHANGE RETAINER CHUCK .498 SHANK

- For model 4980 and most .498 shank air hammers and bits

**49803**

3PC. CHISEL & HAMMER BIT SET .498 SHANK

- Includes heavy duty anti-turn chisel bit, 1.0" shouldered anvil and 1.25" rounded anvil bits
1/2" SUPER DUTY IMPACT WRENCH - TWIN HAMMER

- Ideal for general automotive work, light truck, farm, body shop, tire shop and front-end work
- Two piece construction for easy maintenance

1/2" NANO ANGLE IMPACT WRENCH - 450FT/LB

- Nearly the length of a credit card at 3.46" long
- Access confined bolts remotely with extended right angle design

3/8" NANO ANGLE IMPACT WRENCH - 415FT/LB

- Industry leading 415 ft/lbs. of MAX torque
- 3/8" model allows for the shortest profile possible when paired with 3/8" impact sockets

1/2" NANO IMPACT WRENCH - 450FT/LB

- Extremely short profile, full length of less than 3 7/8"
- Incredibly light weight at 3.0lbs

3/8" NANO IMPACT WRENCH - 415FT/LB

- Ideal for use in restricted spaces such as engine, transmission, and suspension work
- 3/8" model allows for the shortest profile possible when paired with 3/8" impact sockets
1/4" PALM RATCHET WRENCH
- Compact design is ideal for confined work spaces like under dashboard work
- Needle Bearing Construction for smooth prolonged life

3/8" DRIVE MINI WOBBLE AIR RATCHET
- Wobble anvil design for increased angle access with sockets
- Compact design is ideal for confined work spaces like under dashboard work

3/8" MINI IMPACT RATCHET WRENCH
- Sealed head design for increased tool life
- 50ft/lbs of working torque, 6.45" long

1/8" STUBBY DOUBLE ENDED DRILL BITS - 12 PACK

3/8" REVERSIBLE AIR DRILL - 1,800RPM
- Equipped with a built-in muffler for noise reduction
- Provides full power in forward and reverse

1/2" EXTRA HEAVY DUTY REVERSIBLE AIR DRILL - 500RPM
- Side handle for greater operator control
- One hand reverse lever for reversible action
**AIR BELT SANDER 3/4" X 20.5" W/ 2PC. BELTS (#80 & #100)**

- **Model No.:** 3035

Additional Belts Sold Separately (QTY10)
- **303540Z** - 40 Grit - 13/16" x 20.5"
- **303560Z** - 60 Grit - 13/16" x 20.5"
- **303580Z** - 80 Grit - 13/16" x 20.5"
- **3035100Z** - 100 Grit - 13/16" x 20.5"

**AIR BELT SANDER 3/8" X 13" W/ 3PC. BELTS (#40, #60 & #80)**

- **Model No.:** 3036

Additional Belts Sold Separately (QTY10)
- **303640Z** - 40 Grit - 3/8" x 13"
- **303660Z** - 60 Grit - 3/8" x 13"
- **303680Z** - 80 Grit - 3/8" x 13"
- **3036100Z** - 100 Grit - 3/8" x 13"

**AIR BELT SANDER 1/2" X 18" W/ 3PC. BELTS (#36, #40 & #60)**

- **Model No.:** 3037

- Great for Spot Weld Removal

Additional Belts Sold Separately (QTY10)
- **303736Z** - 36 Grit - 1/2" x 18"
- **303740Z** - 40 Grit - 1/2" x 18"
- **303760Z** - 60 Grit - 1/2" x 18"
- **303780Z** - 80 Grit - 1/2" x 18"
- **3037100Z** - 100 Grit - 1/2" x 18"
- **3037PAR** - Rubber Pulley Assembly
- **3037PAS** - Steel Pulley Assembly

**WORKS WITH 3M® & NORTON BELTS**

[www.astrotools.com](http://www.astrotools.com)
**ONYX MICRO SANDER - 0.4HP**

- Ideal for spot sanding focused areas
- Includes 2" & 3" PU Hook & Loop backing pads

---

**ONYX MICRO RANDOM ORBIT SANDER**

**HOOK & LOOP SANDING DISCS**

<table>
<thead>
<tr>
<th>Model No.</th>
<th>2060P</th>
<th>2080P</th>
<th>2100P</th>
<th>2120P</th>
<th>2180P</th>
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<tbody>
<tr>
<td>60 Grit</td>
<td>80 Grit</td>
<td>100 Grit</td>
<td>120 Grit</td>
<td>180 Grit</td>
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<th>Model No.</th>
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<th>2320P</th>
<th>2400P</th>
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<th>2800P</th>
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<tbody>
<tr>
<td>220 Grit</td>
<td>320 Grit</td>
<td>400 Grit</td>
<td>600 Grit</td>
<td>800 Grit</td>
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</tbody>
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<table>
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<tr>
<th>Model No.</th>
<th>3320P</th>
<th>3400P</th>
<th>3600P</th>
<th>31000P</th>
</tr>
</thead>
<tbody>
<tr>
<td>320 Grit</td>
<td>400 Grit</td>
<td>600 Grit</td>
<td>1000 Grit</td>
<td></td>
</tr>
</tbody>
</table>

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**6” PU HOOK & LOOP BACKING PAD**

- 5/16 inch-24 UNF thread
- Max. RPM: 10,000

**5” PU HOOK & LOOP BACKING PAD**

- 5/16 inch-24 UNF thread
- Max. RPM: 12,001

---

07 | Astro Pneumatic Tool Company
POLISHER & SANDER KITS

MODEL NO. 322P
6" FINISHING PALM SANDER W/ 6" PU PSA BACKING PAD - 3/16" STROKE
• Comes with Astro #4608 - 6" PSA Backing Pad
• High powered
• Sealed bearings for extended life

MODEL NO. 330
3" FINISHING PALM SANDER W/ HOOK & LOOP BACKING PAD - 3/32" STROKE
• Composite lever, housing, and rotor for comfortable ease of operation
• 3/32" stroke that is optimal for fine finishing
• New muffler system reduces sound levels

MODEL NO. 888S
SHORT STRAIGHT LINE SANDER
• Used on plastic fillers at any stage of hardening
• Feathers with ease and smoothness

MODEL NO. 3050
COMPLETE DUAL ACTION SANDING & POLISHING KIT

MODEL NO. 3055
3" MINI AIR POLISHING KIT
• Ideal for buffing small confined areas where larger tools cannot do the job

www.astrotools.com
**PINSTRIPES & DECAL REMOVERS**

### 400E SMART ERASER® PAD ITEMS

**400E**
- **Model No.:** 400E
- **400E** SMART ERASER® PAD FOR PINSTRIPE REMOVAL TOOL
- **Made in the USA**

**32**
- **Model No.:** 32
- **Pinstripe Removal Kit & 12 Smart Eraser® Pads**

**400E6**
- **Model No.:** 400E6
- **6 Pack - Smart Eraser® Pad**

**232**
- **Model No.:** 232
- **Onyx Pinstripe Removal Kit w/ Onyx Pinstripe Removal Tool & 12 Smart Eraser® Pads**
CUTOFF & PUNCH & FLANGE TOOLS

IN-LINE 3" CUT-OFF TOOL
• Unique In-Line design provides greater control

QUICK CHANGE IN-LINE 4" CUT-OFF TOOL
• Large 3/4HP motor and quick change cutting wheel design
• Works with 3" or 4", 3/8" and 5/8" hole cut-off wheels

HEAVY DUTY AIR NIBBLER
• For professional grade applications
• Works on up to 17-gauge cold rolled steel

PISTOL GRIP PUNCH/FLANGE TOOL W/ 5.5MM PUNCH
• Features a rotating head for convenient use

PISTOL GRIP PUNCH/FLANGE TOOL W/ 8MM PUNCH
• Every pull of the lever delivers a single punch or a single flange crimp with precision control
• Forms an offset crimped edge on sheet metals for no-bump lap welds
ONyx Air Windshield Remover W/ 3PC. Blade Set - Rear Exhaust (Assorted Blades Available Separately)

- Efficiently cleans & smoothes moldings after glass removal
- Sealant cutter that cuts around bonded and encapsulated glass

MODEL NO. 1770

Deluxe Air Windshield Remover

- Heavier and thicker blades last much longer
- Tool is counter balanced for smooth operation which results in less fatigue

Replacement blades available:
- 17704 - 4" Serrated Blade
- 17705 - 6" Serrated Blade
- 17706 - 8" Serrated Blade

MODEL NO. DS1000

Pneumatic Door Skinning Tool

- Save significant time and cost in skinning doors
- Faster than any other method
- Patent #6578404

MODEL NO. DS2000

Pneumatic Door Skin Removal Tool

- Design allows tool to maneuver around inner and outer curves as well as most body design features
- Patent #7661287
AIR BLOW GUNS

New, improved design maximizes lifetime expectancy

1715
DELUXE AIR BLOW GUN W/ 13" LONG ANGLED NOZZLE

1716
DELUXE AIR BLOW GUN W/ 20" LONG ANGLED NOZZLE

1717
DELUXE 4" AIR BLOW GUN - GREEN

1718
DELUXE 4" AIR BLOW GUN - ORANGE

1746
HIGH FLOW BLOW GUN W/ 5PC. QUICK DISCONNECT ATTACHMENTS

- Quick release knob unlocks to remove or install attachments in 6 different rotating positions allowing for 6 separate angles
- Full range trigger control, easily feather from 1-100%
SPRAY GUNS

AIR TOOLS

4008
SPRAY GUN W/ CUP
- RED HANDLE
  - 1.8 mm Nozzle
- All-purpose easy-to-clean paint spray gun
- Two-piece construction with gun featuring exclusive air valve design

PT2-4GH
2-1/4 GALLON PRESSURE TANK W/ SPRAY GUN & 12' HOSE - BLACK GUN
- 1.0 mm Nozzle
- Pressure spray gun equipped with pressure gauge and fluid pressure regulator for accurate settings
- 12 ft. twin set of hose permits easy movement and operation of spray gun

2PG7S
2 QUART PRESSURE POT W/ SPRAY GUN & HOSE
- 1.2 mm Nozzle
- Pressure spray gun with 2 quart (1893cc) pressure pot
- Equipped with pressure gauge and fluid pressure regulator for accurate settings

EUROHE103 / EUROHE105
EUROHE107 / EUROHE109
EUROPRO HIGH EFFICIENCY / HIGH TRANSFER SPRAY GUN
- HE technology for a wider pattern that layers paint thicker
- Less overlap on passes required

EUROHV103 / EUROHV105
EUROHV107 / EUROHV109
EUROPRO FORGED HVLP SPRAY GUN
- Industry leading transfer efficiency, spend less on paint
- Maximum atomization
- Minimal CFM requirement
AIR REGULATORS & FILTERS

**AS7SP**

**Spray Gun W/ Cup - Black Handle - 1.8mm Nozzle**
- Designed for superior atomization and coverage compared to other all-purpose spray guns
- Two-piece construction with gun featuring exclusive air valve design

**WS11**

**Air Regulator W/ Gauge**
- Provides fine air control for spray guns and air tools
- Swivel top allows for easy installation
- Fits any spray gun or air tool

**Model No.**

**2618**

**Air Control Unit - 120CFM Capacity**
- Filter and regulator in one
- Easy to install for light to medium industrial and automotive applications

**Model No.**

**5706**

**Brass Air Regulator**
- Increases or decreases air pressure as desired
- 1/4" NPT
### MASKING

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Product Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASMS2</td>
<td>Masking Station - Tree Type</td>
<td>Mobile yet stable, Up to 18” paper rolls</td>
</tr>
<tr>
<td>MM18</td>
<td>18” Masking Machine</td>
<td>Allows for custom alignment of paper rolls and tape position</td>
</tr>
<tr>
<td>4577</td>
<td>Mobile Step Masking Machine</td>
<td>Unit can be used as a step stool, Lightweight, easy to use and portable</td>
</tr>
<tr>
<td>4550A</td>
<td>Air Operated Paint Shaker</td>
<td>New larger adjustable rubber clamps accommodate pints, quarts, gallons and large European cans</td>
</tr>
<tr>
<td>7300</td>
<td>Super Stand - Universal Rotating Parts Work Stand</td>
<td>Handle any panel, fender, door, hood, or bumper to make repairs and refinsihing easy, Comes with 8 adjustable bars to fit almost any panel securely</td>
</tr>
</tbody>
</table>
500 LB. CAPACITY PORTABLE WORK STAND

- Great for working on doors, fenders, hoods and bumpers
- Adjustable height of 33" to 40" tall

THE FENDER EXTENDER - 80" ADJUSTABLE EXTENSION FOR PORTABLE WORK STAND

- Extension designed for long/wide bumpers, hoods, and fenders that would normally be difficult to balance on a work stand
- 3 way adjustable from 77.5" to 80" in length, works on any tube design work stand

557003

7306 ADJUSTABLE 7 FOOT PAINT HANGER

- Adjustable frame that extends from 5ft to 8ft tall
- Six Hooks to hold parts for painting/drying

557010

MODEL NO.
557100

ALSO AVAILABLE IN HEAVY-DUTY

MODEL NO.
7306
SHOP EQUIPMENT

SPECIALTY

CANVAS WHEEL COVERS (WHEEL MASKERS) 4PC./SET

MINI GREASE GUN
- Heavy duty, lightweight and easy to handle

YELLOW PLASTIC SPREADERS - 100PC./BOX

MODEL NO.
9004

MODEL NO.
101

MODEL NO.
4526 - 4"
4528 - 6"

100PC. SECURITY BIT SET
- Essential for car, machine tool, household appliance and electronics repairs, etc.

20PC. WIRE BRUSH SET
- Set includes 1 piece brush each in stainless steel, brass and nylon in the following sizes: 1/4", 3/8", 1/2", 5/8", 3/4" and 1"
**P&B SPECIALTY**

**SHOP EQUIPMENT**

---

**MODEL NO. 9425**

**DUAL TEMPERATURE HEAT GUN KIT**

- Unit has a switch which allows for two different heat settings
- Double insulation for extra safety

---

**MODEL NO. 9426**

**INDUSTRIAL HEAVY-DUTY HEAT GUN**

- Variable temperature adjustment provides a maximum temperature of 1000-1100 Degrees F
- Powerful blower provides a high volume of air needed for industrial applications

---

**MODEL NO. 4524**

**11PC. AUTO FASTENER & MOLDING REMOVAL TOOL SET**

- For use on internal and external vehicle molding and trim fasteners
- Nylon construction of tools prevents scratching and damage to vehicle paint, leather, chrome, etc

---

**MODEL NO. 7600**

**HOT STAPLE GUN KIT FOR PLASTIC REPAIR**

- Designed for quick repair and reinforcing broken/ripped/damaged/split plastic on autos, motorcycles, ATVs, boats, etc
- Unique Staple Gun heats special designed staples and sets staples into plastic

---
LIGHTING

SHOP EQUIPMENT

MODEL NO. 50SL SUNLIGHT
400 LUMEN RECHARGEABLE HANDHELD COLOR MATCH LIGHT - CRI 97

MODEL NO. 50SLMAX SUNLIGHT
500 LUMEN RECHARGEABLE HANDHELD DUAL TEMPERATURE COLOR MATCH LIGHT
- 250/500 LUMEN
- 4500K / 6000K
- 96 CRI
- 2-4H
- 4H
- IP65

MODEL NO. 200SL SUNLIGHT
2000 LUMEN RECHARGEABLE CORDLESS PROFESSIONAL COLOR MATCH FLOOD LIGHT - 96 CRI

MODEL NO. 200SLMAX SUNLIGHT
2000 LUMEN RECHARGEABLE HANDHELD LIGHT W/ ROLL STAND

Astro Pneumatic Tool Company
MODEL NO. 150SL  **1540 LUMEN LED RECHARGEABLE UNDERHOOD LIGHT W/ DETACHABLE HANDHELD LIGHT**

- Impact resistant design features an aluminum body with high impact plastic covers and lens
- Handheld light charges itself when clipped into underhood light

Can be used with 16.5ft cord or up to 6 ½ hours of battery powered run time

MODEL NO. 65SL  **650 LUMEN RECHARGEABLE LED SLIM LIGHT W/ TOP FLASHLIGHT**

- 650 lumen COB LED light with independent 120 lumen top LED flashlight
- Lasts 2.5hrs on high, 7hrs at 50% with five green LEDs on side of light body indicating current charge level while light is in use

MODEL NO. 40SLMAX  **450 LUMEN RECHARGEABLE LED SLIM LIGHT W/ XL BATTERY**

- Features massive 3,350mAh lithium battery
- 13 hours work time at 50% power, or 3.5 hours at full power

The Sidekick  **250 lumen handheld light that unclips with the press of a button**
SHOP EQUIPMENT

LIGHTING

MODEL NO. 40SL
700LM MICRO FLOOD LIGHT

• 700 lumen max output with rear charge level indicator
• Rotatable 20lb base magnet
• 2,600mAh battery, 2.5-10hrs of use

MODEL NO. 40HL
400 LUMEN RECHARGEABLE HANDHELD LIGHT

• Unique new double COB LED array allows for 2X the light output and battery life in 1/2 the size compared to normal COB lights, for a smaller full power inspection light

MODEL NO. 40HUVL
400 LUMEN UV FLASHLIGHT

MODEL NO. 12SL
ULTRA SLIM RECHARGEABLE LED INSPECTION LIGHT

• Improved model with 400 lumens of output
• Includes new strong 20lb neodymium magnet and magnet bracket
INDUSTRY LEADING RIVETERS AND RIVET NUT TOOLS
**HAND RIVETERS**

**FASTENING**

**MODEL NO.** 1422

**PROFESSIONAL MICRO HAND RIVETER**

**3/16" CAPACITY**

- At 8.5" long, is 20% shorter than standard 3/16" hand riveters
- Includes 3/32", 1/8", 5/32" and 3/16"

**MODEL NO.** 1423

**1/4" HEAVY DUTY**

**13" HAND RIVETER**

- Shorter profile yet requires less effort due to hinged torque multiplier design
- No need to adjust the tool when changing rivet diameters

**MODEL NO.** 1426

**1/4" HEAVY DUTY HAND RIVETER**

- Extra long handles provide excellent leverage
- Spent mandrels are collected in the plastic container for safety and easy disposal

**MODEL NO.** 9456

**RIVET NUT HOG - STEPPED INSTALLATION & REMOVAL BIT**

- Designed to drill holes for and remove up to 30 different rivet nuts sizes and brands
- CNC machined M2 High Speed steel bit features chamfered steps designed to shave down set rivet nuts

**ACCESSORIES**

**LONG MANDREL**

<table>
<thead>
<tr>
<th>MODEL NO.</th>
<th>Size</th>
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<tbody>
<tr>
<td>LM10-24</td>
<td>10-24</td>
</tr>
<tr>
<td>LM1/4-20</td>
<td>1/4-20</td>
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<tr>
<td>LM5/16-18</td>
<td>5/16-18</td>
</tr>
<tr>
<td>LM3/8-16</td>
<td>3/8-16</td>
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<tr>
<td>LM1/2-13</td>
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**STANDARD MANDREL**

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<tbody>
<tr>
<td>1442-8/32</td>
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**100PCS RIVET NUTS**

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<tbody>
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<tr>
<td>RN5M</td>
<td>M5</td>
</tr>
<tr>
<td>RN6M</td>
<td>M6</td>
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<tr>
<td>RN8M</td>
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**MODEL NO. | Size**
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<tr>
<th></th>
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<tbody>
<tr>
<td>RN832</td>
<td>8-32</td>
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<tr>
<td>RN1024</td>
<td>10-24</td>
</tr>
<tr>
<td>RN14</td>
<td>1/4-20</td>
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<tr>
<td>RN516</td>
<td>5/16-18</td>
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<tr>
<td>RN28</td>
<td>3/8-16</td>
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<table>
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<tbody>
<tr>
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<td>40pcs</td>
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<tr>
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<td>1/4-20</td>
<td>20pcs</td>
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<tr>
<td>3/8-16</td>
<td>10pcs</td>
</tr>
<tr>
<td>5/16-18</td>
<td>10pcs</td>
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</tbody>
</table>
HAND RIVETERS

**13" HAND RIVET NUT SETTING KIT**
- Tool-less Quick-Change Head design allows for easy changing of mandrels and nose pieces by hand
- Disassembly of tool never required, unique spring loaded inner hex

**10" MICRO HAND RIVET NUT SETTER KIT**
- Compact 10" rivet nut setter with Toolless Quick-Change mandrel design
- Includes 10-24, 1/4-20, 5/16-18, M5, M6 and M8

**13" PLUSNUT & EXTRA-LONG RIVET NUT SETTER KIT - METRIC & SAE**
- For setting bulbed PlusNut’s, longer than standard rivet nuts and even standard rivet nuts
- Includes 10-32, 10-24, 1/4-20, 5/16-18, 3/8-16, M5, M6, M8 & M10

**10" MICRO HAND RIVET NUT SETTER KIT**
- Tool-less Quick-Change Head design allows for easy changing of mandrels and nose pieces by hand
- Disassembly of tool never required, unique spring loaded inner hex

**XL NUT/THREAD SETTING HAND RIVETER KIT - 1/2" CAPACITY**
- This XL models makes setting extra large rivet nuts like 1/2" and M12 a breeze
HAND RIVETERS

MODEL NO.
PR14
AIR RIVETER - 3/32", 1/8", 5/32", 3/16" AND 1/4" CAPACITY
• Provides quick, quiet and comfortable operation in high use settings

MODEL NO.
PRN1
3/8" CAPACITY PNEUMATIC RIVET NUT SETTING KIT
• Instantly set rivet nuts with the pull of the trigger. Up to 3/8" (M10) in aluminum & steel
• Quickly un-thread set rivet nuts by operating free spinning rear wheel
• 2680lbs of instant air-hydraulic pulling force

MODEL NO.
PRN12
3/8" & 1/2" MANDRELS PNEUMATIC RIVET NUT SETTING GUN
• Dial in regulator settings for specific rivet nut sizes and compositions

MODEL NO.
PRN12M
ALSO AVAILABLE WITH Metric

MODEL NO.
PRN516
1/4" & 5/16" MANDRELS PNEUMATIC RIVET NUT SETTING GUN W/ QUICK-CHANGE
• Quick-change mandrel system
• Adjustable power, dial in regulator setting for specific rivet nut sizes and compositions

MODEL NO.
PRN8M
ALSO AVAILABLE WITH Metric
EASILY CONVERT
CORDED & CORDLESS DRILLS
INTO POWER RIVET NUT
SETTERS & BLIND RIVETERS

MODEL NO.
ADR36

BLIND RIVET DRILL ADAPTER KIT
☐ CNC machined from solid billet aluminum and features Japanese bearings
☐ Includes nosepieces for 3/32", 1/8", 5/32" and 3/16" and works on stainless, steel, aluminum and copper rivets

MODEL NO.
ADR14

XL BLIND RIVET ADAPTER KIT - 1/4" CAPACITY

MODEL NO.
ADN14

RIVET NUT DRILL ADAPTER KIT
☐ Astro’s EXCLUSIVE design withstands 4X the pulling force of other adapters, and features a CNC machined billet aluminum body and CR-MO mandrels
☐ Includes 8 mandrels and nosepieces in Metric: M3, M4, M5, M6 and in SAE: 8-32, 10-32, 10-24 and 1/4-20

MODEL NO.
ADN38

XL RIVET NUT DRILL ADAPTER KIT - 3/8" CAPACITY
☐ Includes 8 mandrels and 8 nosepieces in Metric: M5, M6, M8, M10 and in SAE: 10-24, 1/4", 5/16", 3/8"
UNDERCAR RUNNING GEAR

**MODEL NO. 7897**

**BALL JOINT SERVICE TOOL AND MASTER ADAPTER SET**

- C-frame press alone can be used to remove and replace universal joints
- Set includes all the receiver tubes and removing/installing adapters needed to work on press-fit upper and lower ball joints on most domestic and many 4WD and 2WD vehicles

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**MODEL NO. 7865**

**BALL JOINT SERVICE TOOL W/ 4-WHEEL DRIVE ADAPTERS**

- Set contains C-frame press, 3 receiver tubes sizes: 2-3/4"x3", 2-1/4"x2-1/2" & 1-3/4"x2", installation and removing adapters
- This heavy duty tool set is excellent for removal and installation of press-fit parts such as ball joints, universal joints and truck brake anchor pins

---

**MODEL NO. 7868**

**MASTER BALL JOINT ADAPTER SET**

- Includes all the receiving tubes and removing/installing adapters needed to work on most GM, Ford and Dodge 2-wheel and 4-wheel drive pick-ups, vans and sport utility vehicles through 1997
- Work on press-fit upper and lower ball joints

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**MODEL NO. 78911**

**UNIVERSAL BALL JOINT SEPARATOR**

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**MODEL NO. 78100**

**GOLIATH BALL JOINT XL C-FRAME PRESS**

- Large ball joint press for max clearance and easier use of tall and stacked adapters

---
**SUBARU BALL JOINT PULLER**

MODEL NO. 78620

- Designed for easy use with vehicle on jack stands using a deep 24mm socket and impact or hand wrench
- Or use included 5/8-18 thread adapter with any common slide hammer

**HEAVY DUTY HUB DRUM AND ROTOR PULLER KIT**

MODEL NO. 78830

- Use with impact wrench to remove hubs, drums and brake rotors
- Use with 1-1/4” or 32mm socket and wrench

**MASTER FRONT WHEEL DRIVE BEARING ADAPTER KIT**

MODEL NO. 78825

- Includes heavy duty Grade 8 drive bolt for twice the durability of the industry standard

**GM HEAVY DUTY TORSION BAR UNLOADING TOOL**

MODEL NO. 78822

- Forged alloy design with 1" hex drive bolt
- Needed to service torsion arm and front suspension on many 2010 and older GM vehicles including GMC and Oldsmobile
**UNDERCARR**

**MODEL NO. 78585**

**UNIVERSAL RADIATOR PRESSURE TESTER & VACUUM TYPE COOLING SYSTEM KIT**

- Allows easy testing for leakage in radiator system and quick change of coolant
- Unit is suitable for domestic and import vehicles

**MODEL NO. 78835**

**EXHAUST PIPE STRETCHER KIT**

- Impact driven Heavy-Duty expander allows for fitting smaller exhaust piping and making exhaust seals
- The drive size 28mm and collet sets expand pipes from 1-5/8" to 4-1/4"

---

**MODEL NO. 7856**

**AIR COOLING TESTER**

- Regulates shop air pressure to test and locate cooling system leaks, test caps, or speed up the coolant draining process
- Quick connector works on nearly all brands of cooling system testing caps and adapters

**MODEL NO. 7824**

**BEARING RACE AND SEAL DRIVER MASTER SET**

- Makes it easier to insert wheel bearing race and seals without damage to race and axle housing

**MODEL NO. 78930**

**16PC. MASTER DISCONNECT KIT**

- A complete Fuel & Transmission Line Disconnect Set in a handy blow-molded case
- Separate fittings on fuel lines, fuel filters & fuel tank return lines
78618
18PC. BRAKE CALIPER WIND BACK TOOL SET
- Designed for push back and wind back brake pistons
- Left and right-handed thrust bolts for a wide range of applications

78868
8PC. 12-POINT AXLE NUT SOCKET SET
- Designed for an exact fit on both 6pt and 12pt axle nuts
- Extra deep precision broached and forged from CR-MO with lasting finish

7848
8PC. PROFESSIONAL BRAKE TOOL SET
- Master Drum Brake set for nearly all vehicle applications with drum brake designs
- Different sized spring compressors for small to large sized drum brake applications

78810
10PC. TORQUE LIMITING EXTENSION SET
- Accurately torque wheel nuts to recommended torque
- Save time securing wheel to vehicle, finish with torque wrench

78818
8PC. TORQUE LIMITING EXTENSION AND PROTECTIVE IMPACT SOCKET COMBO SET
- Lug Nut sockets feature protective sleeves and inserts to prevent wheel damage
- Color coded for quick reference

www.astrotools.com
<table>
<thead>
<tr>
<th>Model No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AJ22FE2A</td>
<td>22 Ton Capacity Air Over Jack W/ Quick Springs (2PC Handle)</td>
</tr>
<tr>
<td>5302A</td>
<td>20 Ton Air/Manual Bottle Jack</td>
</tr>
<tr>
<td>5304A</td>
<td>20 Ton Low Profile Air/Manual Bottle Jack</td>
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<tr>
<td>5820</td>
<td>Engine Transverse Bar W/ Support Arm</td>
</tr>
<tr>
<td>500HWA</td>
<td>1/2 Ton Capacity Telescoping Transmission Jack</td>
</tr>
<tr>
<td>1102</td>
<td>2 Ton Under Hoist Tripod Stand</td>
</tr>
<tr>
<td>1175</td>
<td>3/4 Ton Under Hoist Stand</td>
</tr>
</tbody>
</table>
SHORTER THAN ANYTHING ELSE ON THE MARKET

Sockets are 37% shorter than shallow impact sockets and 15% shorter than other stubby impact sockets.

FORGED CR-MO
With superior material thickness between socket body and drive compared to competitors’ sets.

OUTSIDE HEX
All sockets feature an outside hex for increased access when used with a wrench.

1/2" DRIVE NANO IMPACT SOCKETS

MODEL NO. 78211 SAE
11 PIECE

MODEL NO. 78215 METRIC
15 PIECE

3/8" DRIVE NANO IMPACT SOCKETS

MODEL NO. 78310 SAE
10 PIECE

MODEL NO. 78314 METRIC
14 PIECE

BEST WHEN USED IN CONJUNCTION WITH

MODEL NO. 1822 SAE
1/2" Nano Impact Wrench

MODEL NO. 1838 METRIC
3/8" Nano Right Angle Impact

11 PIECE
15 PIECE
10 PIECE
14 PIECE

www.astrotools.com
MODEL NO. 94410T  
**3/8" DRIVE NANO**  
**IMPACT TORX BIT SOCKETS**

- Includes sizes ranging from small brake disc locating screws to large truck bed bolts: T25, T27, T30, T40, T45, T47, T50, T55, T60 and T70
- Low profile design is 26% shorter allowing for more direct transfer of impacts and increased durability, or add an extension for longer reach

MODEL NO. 94418H  
**3/8" DRIVE NANO**  
**IMPACT HEX DRIVER SOCKETS**  
**SAE & METRIC**

- Includes Metric: 6, 7, 8, 10, 12, 14, 17, 18, 19mm and SAE: 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16" and 3/4"
- Low profile design for more direct transfer of impacts, tighter spaces and increased durability, or add an extension for longer reach

MODEL NO. 78340  
**3/8" DRIVE NANO PINLESS**  
**UNIVERSAL IMPACT SOCKETS - SAE**


MODEL NO. 78344  
**3/8" DRIVE NANO PINLESS**  
**UNIVERSAL IMPACT SOCKETS - METRIC**

- Includes pinless universal impact sockets in the following sizes: 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm

- ✔️ Pinless design allows a full 360° of freedom for the universal head to angle and rotate
- ✔️ Astro’s Nano form factor, up to 11% shorter than standard low-profile universal impact sockets
安全向前紧固螺栓和圆螺母

- 新型专利的咬合力技术可应对高达90%的扭矩
- 产品均在台湾制造，采用锻造CRO-MO材料制造
- 安全紧密紧固螺栓和圆螺母，无需造成损坏

**TRADITIONAL FLANK DRIVE** 设计在扭矩超过SAE规定的螺栓点时会开始圆化。

**FLANK BITE** 不依赖于螺栓点。随着扭矩的增加，它会咬入螺栓的侧面。

- 模型号7181XL：8件超长损坏螺栓咬合力组合扳手套 - 公制
- 模型号7404：咬合力损坏螺母套接扳手与旋转保护套
- 模型号7411：11件1/2" 驱动咬合力损坏螺栓冲击套接器 - SAE
3/8" DRIVE FLEX SOCKET SET
6 POINT


SAE (7 PCS)
MODEL NO. 74307
METRIC (10 PCS)
MODEL NO. 74310

SAE (7 PCS)
MODEL NO. 74407
METRIC (12 PCS)
MODEL NO. 74412

1/4" DRIVE FLEX SOCKET SET
6 POINT

- Includes sizes: 3/16", 1/4", 5/16", 3/8", 7/16", 1/2" and 9/16"

SAE (7 PCS)
MODEL NO. 7407
METRIC (12 PCS)
MODEL NO. 7412

16PC. PUNCH AND CHISEL SET

- 16 of the most popular cold chisels and taper, pin and center punches
- Product material: CR-V

MODEL NO. 1600

12PC. LARGE COLD CHISEL AND PUNCH SET

- High Rockwell hardness, but low enough to prevent chipping and cracking from heavy hammering

MODEL NO. 1612
7" 4PC. INTERNAL/EXTERNAL CR-V SNAP RING PLIERS

- Black & Polished Finish with Dipped Handles
- Internal and External straight and 90 degree bent pliers

MODEL NO.
94220 - .050"
94221 - .067"

13" 4PC. INTERNAL/EXTERNAL SNAP RING PLIERS

- Includes Internal and External straight and 90 degree bent pliers with a 0.90" (2.3 mm) tip size
- Made from hardened Chrome Vanadium with black and polished finish and dipped non-slip handles

MODEL NO.
94222

10PC. SNAP RING PLIERS SET

- Operates both internal and external snap rings
- Heat treated Chrome-Vanadium

MODEL NO.
9401

9507 WHEEL WEIGHT HAMMER PLIERS

- 10-inch 7-in-1 Design
- Hidden Spring Mechanism
- Made From Precision Forged CR-V
HAND TOOLS

PLIERS & HOSE REMOVAL

MODEL NO. 9409A

HOSE CLAMP PLIERS

- New cable adjuster and multiple gear lock provide accurate and secure locking for any clamp position between minimum and maximum range

MODEL NO. 9502

2PC. HOSE REMOVAL HOOK SET

- Two hook designs to fit between various fittings and hoses
- Works great when paired with Astro’s 9409A Hose Clamp Pliers

MODEL NO. 9409A

HOSE CLAMP PLIERS

- New cable adjuster and multiple gear lock provide accurate and secure locking for any clamp position between minimum and maximum range

MODEL NO. 9502

2PC. HOSE REMOVAL HOOK SET

- Two hook designs to fit between various fittings and hoses
- Works great when paired with Astro’s 9409A Hose Clamp Pliers

MODEL NO. 78515

ADJUSTABLE ANGLE OIL FILTER PLIERS

- Jaws are adjustable angle allowing use of the wrench pliers from multiple points of access
- Indents every 30° for 180° of total adjustment

MODEL NO. 9409A

HOSE CLAMP PLIERS

- New cable adjuster and multiple gear lock provide accurate and secure locking for any clamp position between minimum and maximum range

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3018
3.5” DIGITAL TIRE INFLATOR WITH HOSE

- New 21” Stainless braided hose for increased durability
- New dual AAA battery powered design, 4X the battery life and simplified battery installation

MODEL NO.
7445
45PC. TIRE REPAIR TOOL KIT

3081
DIAL GAUGE TIRE INFLATOR

- Aluminum die-casting unit covered with rubber sleeve for extra comfort and durability

3082
TPMS DIAL TIRE W/ STAINLESS HOSE 0-65 PSI

- Extreme accuracy. Up to 260% more accurate than the ANSI standard

Takes up to 200 psi from the compressor, reads up to 65 psi from the tire

MODEL NO.
3083
2.5” DIAL TIRE INFLATOR W/ LOCKING & DUAL CHUCKS

- Gauge is up to 2X the accuracy of the B40.1 ANSI standard with larger 2.5” diameter face for finer resolution and easier to see readings

MODEL NO.
3084
45PC. TIRE REPAIR TOOL KIT

www.astrotools.com | 38
Cordless Circuit Tester
- Does not require ground wire or clip and is safe with ECMs, Sensors, Transducers, Airbags, etc.
- Special designed V-Tip needle allows safe piercing and prevents side-slipping when piercing wire’s insulation. V-Tip can be removed to test hard to reach places.

Digital LCD Wide Range Positive and Ground Circuit Tester
- Large back-lit digital display for clear accurate readings
- Extra wide 4-60V range, 0.1V resolution

Heavy Duty Plastic 2 Shelf Utility Cart - Black Color
- Trays are 3 1/2" deep and can hold up to 300lbs
- For shop, office, warehouse or medical facility use

Dual Volume Control Electronic Safety Earmuffs
- Each side has independent power and volume control
- No exposed wiring for increased durability and ideal for easy storage

20" Tire Iron Spoon Lever
- Popular 20" (500mm) length with forged long lasting construction
- A must have for any tire repair or service center
**220PC. WEATHER PACK INTERCHANGEABLE RATCHETING CRIMPING TOOL & ACCESSORY SET**
- Includes two different jaws sets for a wide range of Delphi Packard style connectors
- Wide range of accessories for repairing or building your own weatherpack connectors

**450PC. AUTOMOTIVE WIRE CONNECTOR KIT**
- Includes 450pcs of the most common insulated and non-insulated terminals and connectors used on automotive and general wiring applications

**7PC. PROFESSIONAL QUICK INTERCHANGEABLE RATCHET CRIMPING TOOL SET**
- Quick changing jaw design does not require any other tool to change the jaws
- Ergonomically designed steel frame handles with contoured rubber grips

**6PC. PROFESSIONAL DEUTSCH RATCHETING CRIMPING TOOL SET**
- Includes jaws for 10~20 AWG Deutsch connectors including: Size 12 (DTP), Size 16 (DT) and Size 20 (DTM)
- Crimps terminal and insulation in one step

**209PC. WEATHER PACK SEALED CONNECTOR WIRING KIT**
- Includes 208 weatherpack pieces and 1 Terminal Release Tool for building 1, 2, 3 & 4 pin Delphi Weatherpack terminals

**9479**
- MODEL NO.

**9477**
- MODEL NO.

**9475**
- MODEL NO.

**9476**
- MODEL NO.

**9478**
- MODEL NO.
MODEL NO. 78410
**ADJUSTABLE BLIND INNER BEARING SLIDE HAMMER PULLER**

- For bearings and bushings with 0.75 - 2.3" inside diameter or up to 2.0" when pulling from outside diameter
- 2.5 lbs sliding hammer, 5.9 lbs total weight

MODEL NO. 78415
**LOCKING PLIERS SLIDE HAMMER PULLER**

- Universal puller for locking onto and hammering to remove everything from cotter pins to old seals and bushings
- Quick detachable swivel end allows for adjusting and locking pliers on subject then attaching sliding hammer for removal

MODEL NO. 45027
**27PC. SCRAPER SET**

- Includes 7 different types and sizes of razor and non-marring scrapers for nearly all light to heavy-duty applications

MODEL NO. 45080
**8PC. DOOR PANEL & TRIM REMOVAL TOOL SET**

- Includes 8 different types of pry and trim tools for nearly all clips, trim panels and fasteners

MODEL NO. 45070
**7PC. WINDSHIELD MOLDING REMOVAL TOOL SET**

- Includes all of the specialized tools required to safely and quickly remove windshields for a large variety of vehicles
**BRAKE CALIPER SPREADER PRESS**

- Gearless design includes FWD/REV switch and does not require ratcheting
- Suitable for 1, 2 and 4 piston calipers

**UNIVERSAL FUEL TANK LOCK WRENCH**

- Needed to remove fuel tank locking rings on fuel senders for many 2004 and newer vehicles
- Applications include GM/Chrysler/Dodge, Ford, BMW, Hyundai, Jaguar, Mercedes, Nissan, Subaru, Saab, Volvo and more

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**162PC. BUTANE MICRO PENCIL HEAT-SHRINK TORCH KIT**

- 2-in-1 gas powered pencil heat gun and soldering iron
- Use with tip to solder, or remove tip for heating

**8PC. BUTANE MICRO PENCIL SOLDERING KIT**

- 3-in-1 soldering iron/torch/hot blower with 5 accessories (chisel tip, anvil tip, flat tip, solder and cleansing sponge)
- 30W-70W equivalent electrical power