

**ATD**



# BATTERY & ELECTRICAL

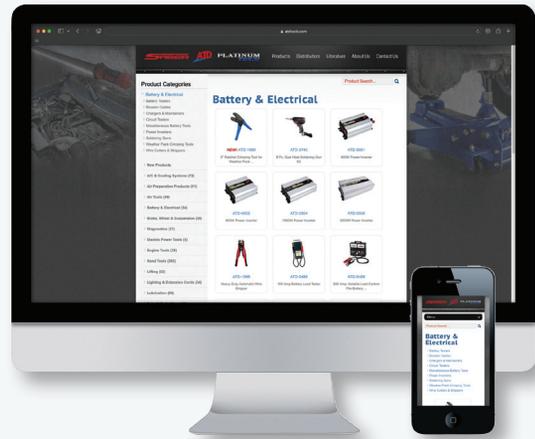
[www.atdtools.com](http://www.atdtools.com)



Since 1977, ATD Tools, Inc. has focused on providing professional automotive tools and equipment at competitive prices. After over forty years, we are still committed to providing the quality tools you need at a price you can afford.

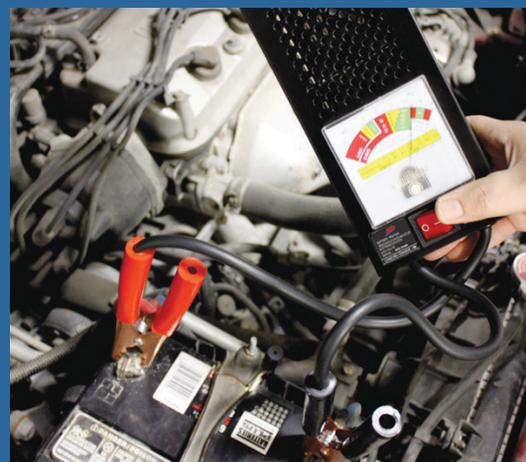
Our tools and equipment are quality control tested at the manufacturer, by independent labs and in the field to ensure they meet the performance and durability professional mechanics demand today and will continue to demand for years to come.

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Visit us online at [www.atdtools.com](http://www.atdtools.com) to view the full line of products available.

A pdf version of this catalog along with other informational pdf files are available online under the "Literature" tab.



**ATD-1996  
HEAVY-DUTY AUTOMATIC  
WIRE STRIPPER**

**Features:**

- Self-adjusting for wire from 10-26 AWG
- Wire cutter for 10-22 AWG
- Crimps 10-22 AWG insulated terminals and 4-22 AWG non-insulated terminals
- Crimps 4-8mm ignition terminals
- Cuts and strips 10-24 AWG copper or aluminum wire
- Micro adjustment knob for smaller than 24 AWG wire



**ATD-1999  
8" RATCHET CRIMPING TOOL  
FOR WEATHER PACK CONNECTORS**

**Features:**

- Heavy-duty ratchet crimping pliers
- Hardened steel jaws
- Pre-set tension for accurate crimping
- Works with ATD-307

**Specifications:**

- Length: 8"
- Crimp Sizes: 0.15-0.5 mm<sup>2</sup> 24 - 20 AWG  
0.5-1.5 mm<sup>2</sup> 20 - 16 AWG  
1.5-2.5 mm<sup>2</sup> 16 - 14 AWG  
4-6 mm<sup>2</sup> 12 - 10 AWG



**ATD-3740  
8-PC. DUAL HEAT SOLDERING GUN KIT**

**Features:**

- Dual Heat Soldering Gun producing 230 or 150W
- (2) General Purpose Soldering Tips
- Cutting Tip
- Soldering Aid Tool
- Flux Brush
- 15 gm of lead-free solder
- cUL Listed

**ATD-5486  
HEAVY-DUTY  
BATTERY  
CARRIER**

**Features:**

- Designed for use on all top & side post batteries with horizontal ridges
- Sure-grip handle for secure lifting and carrying
- Rubber padded grips provide a firm hold on all batteries up to 7-1/2" wide



**ATD-8536  
BATTERY BRUSH**

**Features:**

- Designed for cleaning battery terminals and posts
- Internal and external wire brushes come in high impact plastic case
- Will not corrode or soften in cleaning solutions



**ATD-5915  
6/12 VOLT 1.5 AMP AUTOMATIC  
BATTERY CHARGER/MAINTAINER**

**Features:**

- Works on 6 and 12 Volt systems
- Reverse polarity indicator
- 1.5 Amp 12 Volt charge rate
- Overcharge and short circuit protection
- Fully automatic operation
- Safe for all lead acid battery types (WET, MF, AGM and GEL)
- Multi-stage charging process
- IP65 rated for dust and water resistance
- Works to temperatures as low as -20°C
- Maintains batteries once full charge has been reached
- LED charging status light

**Specifications:**

- Input Voltage: AC 100~240 Volt, 50/60Hz
- Output Voltage: DC 6/12 Volt
- Maximum Charging Current: 1.5 Amp
- Battery Types: 6/12 Volt lead-acid batteries (WET, MF, AGM and GEL)

**Includes:**

- Portable battery charger
- 18 AWG 11.8" alligator clips wire (red and black)
- 18 AWG 11.8" terminal lead wire (red and black)

# BATTERY TESTERS

## ATD-5488 100 AMP BATTERY LOAD TESTER

Tests 6 and 12 Volt Batteries Up To 1000 Cold Cranking Amps:

- For conventional and maintenance free batteries in cars, light trucks, lawn tractors and RVs
- Completely portable - external power source not required. Complete test done in 10 seconds
- Heavy duty, shock-resistant ventilated cover. Heavy duty, color-coded copper-plated clamps

Tests:

- State of charge
- Charging system output
- Cranking ability
- Starter motor draw



## ATD-5489 500 AMP VARIABLE LOAD CARBON PILE BATTERY TESTER

Features:

- Tests 12V batteries, alternators and starters
- Tests batteries to 1000 CCA
- Color-coded, temperature compensated pass/fail bands on voltmeter for accurate assessment
- Separate ammeter to enable precise loading of battery
- Heavy-duty, color-coded clamps for secure battery connections
- Durable steel case

Specifications:

- Voltage: 12 Volt
- 43" #4 Gauge Cables
- Display: Ammeter + Voltmeter
- Load: 0-500 Amps
- Cooling Method: Convection
- Feedback: Audible Alarm Signals End of Load Test
- Tests: Battery State of Charge, Battery Load Test, Alternator Output Test, Starter Draw Test



## ATD-5491 6V & 12V ELECTRONIC BATTERY & 6/12/24/36V CHARGING/STARTING SYSTEMS TESTER

Features:

- Tests all 6 & 12V Lead Acid, AGM and Gel batteries
- Tests 6/12/24/36V starting/charging systems
- Displays both percent of capacity and cold cranking amps
- IR printer interface for remote printing
- Detects and displays alternator ripple and bad cells
- Tests series (24V) and parallel batteries
- Patented Conductance Technology
- Reverse Polarity Protection
- Loose Lead Detection
- Includes RoHS compliant post adapters



Specifications:

- Battery Size Range: 100 to 3500 CCA
- Battery Voltage Range: 6 & 12V
- DC Voltage Range/Accuracy 0-49V/+/- 2% of reading
- Languages: English, Spanish, French & German
- International Units Displayed: EN, EIC, DIN, JIS
- Ah displayed for 6 Volt batteries only
- Display: 2 Line LCD
- Cable Length: 2 ft.
- Internal Battery: 9V (included)



## ATD-5494 BATTERY CHARGING & STARTING SYSTEM DIAGNOSTIC TESTER

Features:

- Tests all 12V lead-acid batteries, including AGM and Gel
- 100 - 1700 CCA - great for small engines, automotive and truck
- Displays battery capacity percent and color-coded bar graph
- Detects and alerts bad cells and surface charge
- 5V to 33V operating range
- Ultra-quick voltmeter and state-of-charge reading
- 12V starter test with cranking voltage
- 12V charging test with load and ripple test
- 24V starting & charging test in voltmeter mode





7972A



7976



7974A

**100% COPPER BOOSTER CABLES**

- Features:
- 2 or 4 Gauge stranded 100% copper conductors for maximum cold-cranking amps
  - Tangle-free PVC insulation remains flexible to -40°F

<b>ATD-7972A</b>	16 ft. Booster Cables	4 Ga.	400 Amps
<b>ATD-7973A</b>	20 ft. Booster Cables w/Parrot Clamps	4 Ga.	500 Amps
<b>ATD-7974A</b>	25 ft. Booster Cables w/Plug-In Clamps	4 Ga.	600 Amps
<b>ATD-7975A</b>	20 ft. Booster Cables	2 Ga.	600 Amps
<b>ATD-7976</b>	Replacement 500 Amp Cable Clamps	4 Ga.	500 Amps
<b>ATD-7978</b>	Replacement 500 Amp Parrot Clamps	4 Ga.	500 Amps
<b>ATD-7979</b>	Replacement 600 Amp	2 Ga.	600 Amps



79700A  
79701A  
79702A  
79703A

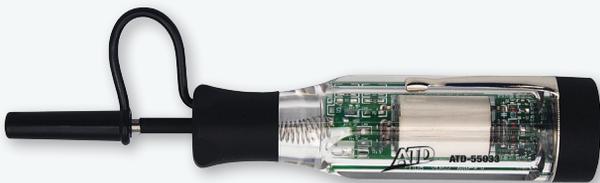


79704A  
79705A

**COMMERCIAL DUTY BOOSTER CABLES**

- Features:
- Copper clad aluminum cables
  - Tangle free cables remain flexible to -40°F
  - Includes zippered pouch for easy storage and handling

<b>ATD-79700A</b>	16 ft. Booster Cables w/Parrot Clamps	4 Ga.	600 Amps
<b>ATD-79701A</b>	20 ft. Booster Cables w/Parrot Clamps	4 Ga.	600 Amps
<b>ATD-79702A</b>	20 ft. Booster Cables w/Parrot Clamps	2 Ga.	600 Amps
<b>ATD-79703A</b>	25 ft. Booster Cables w/Parrot Clamps	2 Ga.	600 Amps
<b>ATD-79704A</b>	25 ft. Booster Cables w/Cable Clamps	1 Ga.	800 Amps
<b>ATD-79705A</b>	25 ft. Booster Cables w/Cable Clamps	2/0	800 Amps



**ATD-55033  
HEAVY-DUTY 3-30V CORDLESS  
CIRCUIT TESTER**

- Features:**
- 3-30V detection range of DC voltage
  - Bi-directional polarity testing: Power and Ground
  - Dual color LED indicates red for power and green for ground on 6V, 12V and 24V systems
  - Compact size for use in tight access areas
  - Computer safe
  - For use on automotive, commercial vehicle and equipment repair



**ATD-55042  
12/42 HYBRID CIRCUIT TESTER**

- Features:**
- For 12V & 42V Hybrid systems
  - Automatic Voltage Identification: BLUE LED for 12V and RED LED for 42V
  - Pointed probe tests through wire insulation
  - Computer and airbag safe
  - 12 ft. heat and oil resistant coiled cord

**ATD-55045  
3-48 VOLT  
LCD WIDE RANGE  
DIGITAL CIRCUIT  
TESTER**

- Features:**
- Large, backlit LCD display for visible voltage readings
  - Checks electrical circuits on all 3-48 Volt vehicle systems
  - Impedance rating 200-4000ohms(Ω)
  - 12 ft. coiled test lead



**ATD-5513  
HEAVY-DUTY  
CIRCUIT  
TESTER**

- Features:**
- Easily checks 6 and 12V systems
  - 5 ft. heavy-duty lead
  - Tough plastic handle lights up if circuit is good
  - Lead remains flexible in low temperatures



**ATD-5624  
HEAVY-DUTY  
CIRCUIT TESTER**

- Features:**
- New coil cord design for ease of use
  - Acetate handle, coiled lead wire
  - Easily checks 6 and 12V systems
  - New full size comfortable acetate handle lights up when circuit is good
  - Leads remain flexible in low temperatures
  - Ground lead stretches up to 10 ft.



**ATD-5500  
PRIMARY CIRCUIT TESTER**

- Features:**
- Tests 6 and 12V
  - Locates shorts, open circuits and grounds
  - Use with ignition on
  - Clip to ground anywhere on vehicle and use probe to make contact with wire or cable being tested
  - Bulb indicates condition of circuit



**ATD-5503  
CORDLESS PROFESSIONAL CIRCUIT TESTER**

- Features:**
- Tests circuits from 3 to 28 Volts DC
  - LED light and buzzer indicator
  - Does not require a ground wire or clip
  - Safe for work on automotive computers, ECMS, airbags, etc.
  - Special V-tip allows safe piercing and can be removed to test hard-to-reach places
  - Operates on replaceable long-life "N" or "LR-1" size alkaline batteries (included)



**ATD-5951**  
**400W POWER INVERTER**

**Includes:**

- 12 AWG 30" alligator clip cables (black and red)
- 12V DC vehicle power plug
- (4) Mounting screws

**Specifications:**

- For use with 12V systems
- Input DC voltage range: DC 11V-14V
- Output voltage: AC100~120V
- Overload and short-circuit protection
- Over voltage and low voltage protection
- (2) 110V AC 3-prong outlets with waterproof cover
- Modified sine wave
- (2) USB output DC 5V (max 3.1A)
- Built-in cooling fan
- Maximum Continuous Power: 400 Watts
- Peak Load Power Rate: Up to 800 Watts



**ATD-5952**  
**800W POWER INVERTER**

**Includes:**

- 12V DC vehicle power plug
- 9 AWG 30" battery terminal cables (black, red)
- Ground wire (yellow, green)
- (4) Mounting screws

**Specifications:**

- For use with 12V systems
- Input DC voltage range: DC 11V-14V
- Output voltage: AC100~120V
- Overload and short-circuit protection
- Over voltage and low voltage protection
- (3) 110V AC 3-prong outlets with waterproof cover
- Built-in cooling fan
- (2) USB output DC 5V (max 3.1A)
- Modified sine wave
- Maximum Continuous Power: 800 Watts
- Peak Load Power Rate: Up to 1600 Watts



**ATD-5954**  
**1500W POWER INVERTER**

**Includes:**

- 6 AWG 30" battery terminal cables (black, red)
- Ground wire (yellow, green)
- (4) Mounting screws

**Specifications:**

- For use with 12V systems
- Input DC voltage range: DC 11V-14V
- Output voltage: AC100~120V
- Overload and short-circuit protection
- Over voltage and low voltage protection
- Built-in cooling fan
- (2) USB output DC 5V (max 3.1A)
- Modified sine wave
- Maximum Continuous Power: 1500 Watts
- Peak Load Power Rate: Up to 3000 Watts
- Digital LED display
- (3) 110V AC 3-prong outlets with waterproof cover



**ATD-5956**  
**3000W POWER INVERTER**

**Includes:**

- 6 AWG 18.9" battery terminal cables (black, red)
- Ground wire (yellow, green)
- (4) Mounting screws

**Specifications:**

- For use with 12V systems
- Input DC voltage range: DC 11V-14V
- Output voltage: AC100~120V
- Overload and short-circuit protection
- Low voltage alarm level: 9.5±0.5V
- Over voltage and low voltage protection
- Low voltage / high voltage cut off level: 10.5±0.5V to 15.5±0.5V
- (3) 110V AC 3-prong outlets with waterproof cover
- Built-in cooling fan
- Modified sine wave
- Maximum Continuous Power: 3000 Watts
- Peak Load Power Rate: Up to 6000 Watts
- Digital LED display
- (2) USB output DC 5V (max 3.1A)





**ATD-355**  
**360-PC. TERMINAL ASSORTMENT**

**Set Includes:**

- (30) 10-32 ring/16-14 Ga.
- (30) butt connector/22-16 Ga.
- (30) butt connector/16-14 Ga.
- (30) 10 spade/16-14 Ga.
- (25) bullet/16-14 Ga.
- (25) male/18-14 Ga.
- (25) female/18-14 Ga.
- (20) 10-32 ring/10-12 Ga.
- (20) 10 spade/10-12 Ga.
- (20) 3/8" ring/16-14 Ga.
- (20) 1/4" ring/16-14 Ga.
- (15) 3/8" ring/10-12 Ga.
- (15) 1/4" ring/10-12 Ga.
- (15) butt connector/10-12 Ga.
- (10) 2-way line connector
- (10) male/18-14 Ga.
- (10) female/18-14 Ga.
- (10) female bullet/16-14 Ga.
- Molded storage case included
- Shipping Weight: 1.0 lbs.



**ATD-383**  
**75-PC. HEAT SHRINKABLE TERMINAL ASSORTMENT**

**Set Includes:**

- (10) 16-14 Ga. 10-32 ring
- (10) 16-14 Ga. 1/4" ring
- (5) 10-12 Ga. 3/8" ring
- (5) 10-12 Ga. 10-32 ring
- (5) 10-12 Ga. 1/4" ring
- (10) 16-14 Ga. 10 spade
- (5) 22-18 Ga. butt connector
- (5) 16-14 Ga. butt connector
- (5) 10-12 Ga. butt connector
- (5) 18-14 Ga. female
- (5) 18-14 Ga. male
- (5) 10-12 Ga. 10 spade
- Molded storage case included
- Shipping Weight: 0.2 lbs.



**ATD-396**  
**50-PC. QUICK SPLICE WIRE TAP ASSORTMENT**

**Specifications:**

- Connects a tap wire end to a through wire run
- Insulates wire connection
- Brass terminals

**Set Includes:**

- (20) Red (AWG22-18)
- (20) Blue (AWG18-14)
- (10) Yellow (AWG12-10)



**ATD-393**  
**235-PC. HEAT SHRINK TUBE ASSORTMENT**

**Features:**

- 6" sections of 8 different diameter tubes to ensure you have the right size tube for the job
- Tubes shrink to fit over cable splices & can be used for wire harnessing, covering, marking & bundling of wires
- Use for auto, marine, plane, home, industrial, computer, etc.
- 2:1 shrink ratio

**Set Includes:**

- 3/32" (Qty: 40)
- 1/8" (Qty: 55)
- 3/16" (Qty: 55)
- 1/4" (Qty: 55)
- 3/8" (Qty: 10)
- 1/2" (Qty: 10)
- 5/8" (Qty: 5)
- 3/4" (Qty: 5)



## ATD-394 115-PC. DUAL WALL HEAT SHRINK TUBE ASSORTMENT

### Features:

- 3:1 Shrink ratio polyethylene tube with adhesive liner
- Provides tight, moisture proof bond over wires, cables, connectors, splices and terminals
- Flame retardant with operating temperatures of -67 degrees F to 230 degrees F
- UL approved

### Set Includes:

- (25) 1/8" Diameter x 3" Long (13 black/12 red)
- (25) 3/16" Diameter x 3" Long (13 black/12 red)
- (25) 1/4" Diameter x 3" Long (13 black/12 red)
- (15) 3/8" Diameter x 3" Long (8 black/7 red)
- (10) 1/2" Diameter x 3" Long (5 black/5 red)
- (5) 5/8" Diameter x 3" Long (3 black/2 red)
- (5) 3/4" Diameter x 3" Long (3 black/2 red)
- (5) 1" Diameter x 3" Long (3 black/2 red)



## ATD-306 DUAL WALL HEAT SHRINK DISPENSER SET

### Features:

- Cut-to-length dual wall heat shrink tubing used to insulate and protect wires from abrasion and environmental elements
- Shrink Ratio 3:1

### Set Includes:

- Countertop or wall mount steel rack with support bar to hold cartons in place during dispensing
- (6) sizes of Shrink Tubes:
  - ATD-30601 - 1/8" x 15 ft.
  - ATD-30602 - 3/16" x 15 ft.
  - ATD-30603 - 1/4" x 10 ft.
  - ATD-30604 - 3/8" x 10 ft.
  - ATD-30605 - 1/2" x 10 ft.
  - ATD-30606 - 5/8" x 10 ft.



## ATD-307 209-PC. WEATHER PACK SEALED CONNECTOR KIT

### Specifications:

- (208) Weather pack pieces and (1) terminal release tool for assembling 1, 2, 3 & 4 pin weather pack terminals
- For 16 to 12 AWG wires, covering a majority of weather pack applications

### Set Includes:

- (2) 1 Position connector - female
- (2) 2 Position connector - female
- (2) 3 Position connector - female
- (2) 4 Position 1x4 connector - female
- (2) 4 Position 2x2 connector - female
- (2) 1 Position connector - male
- (2) 2 Position connector - male
- (2) 3 Position connector - male
- (2) 4 Position 1x4 connector - male
- (2) 4 Position 2x2 connector - male
- (84) Green silicone seals 20-14 AWG
- (20) Blue silicone seals 20-14 AWG
- (14) Male terminals 20-18 AWG
- (14) Male terminals 16-14 AWG
- (14) Male terminals 12 AWG
- (14) Female terminal 20-18 AWG
- (14) Female terminals 16-14 AWG
- (14) Female terminals 12 AWG
- Terminal release tool



## ATD-308 250-PC. SOLDER SEAL WIRE CONNECTOR ASSORTMENT

### Features:

- Color-coded tubing makes it easy to identify the right size of the connector for every application
- Ideal for automotive, marine or any applications exposed to the elements
- Material: Tin + polyethylene

### Set Includes:

- (40) 26-24 AWG
- (100) 22-18 AWG
- (90) 16-14 AWG
- (20) 12-10 AWG

# AUTOMOTIVE FUSE ASSORTMENT SETS

## **ATD-364** **120-PC. ATC CAR FUSE ASSORTMENT**

**Set Includes:**

- (20) 5A
- (20) 20A
- (20) 10A
- (20) 25A
- (20) 15A
- (20) 30A
- Molded storage case included
- Shipping Weight: 0.6 lbs.



## **ATD-392** **LOW-PROFILE ATM FUSE ASSORTMENT**

**Set Includes:**

- (10) 7.5 Amp
- (20) 10 Amp
- (20) 15 Amp
- (20) 20 Amp
- (20) 25 Amp
- (10) 30 Amp



## **ATD-386** **50-PC. 2-BLADE MAX FUSE ASSORTMENT**

**Set Includes:**

- (10) 20A
- (10) 50A
- (10) 30A
- (10) 60A
- (10) 40A
- Molded storage case included
- Shipping Weight: 0.8 lbs.



## ATD-339 71-PC. 2-BLADE MICRO FUSE ASSORTMENT

**Specifications:**  
• Zinc Alloy Electrodes

- Set Includes:**
- (10) 5A - Orange
  - (10) 7.5A - Brown
  - (10) 10A - Red
  - (10) 15A - Blue
  - (10) 20A - Yellow
  - (10) 25A - Clear
  - (10) 30A - Green
  - (1) Fuse Puller



## ATD-335 20-PC. 3-BLADE MICRO FUSE ASSORTMENT

**Specifications:**  
• Zinc Alloy Electrodes

- Set Includes:**
- (5) 5A - Tan
  - (5) 7.5A - Brown
  - (5) 10A - Red
  - (5) 15A - Blue



## ATD-382 50-PC. 2-BLADE MAX FUSE ASSORTMENT

- Set Includes:**
- (10) 5A
  - (20) 20A
  - (20) 10A
  - (20) 25A
  - (20) 15A
  - (10) 30A
  - Molded storage case included
  - Shipping Weight: 0.1 lbs.



# ATD<sup>®</sup>

160 Enterprise Drive | Wentzville, MO 63385 | [www.atdtools.com](http://www.atdtools.com)

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