Index for Pages 12-36

Abrasives21
Aerosol Grease31
Battery Charger
Brake Oil34
Buffer Oil34
Burnishing Tools
Cable Cutters
Cement
Chain & Cable Cleaner31
Chain Oil
Commutator Stones21
Commutator Treating Kit21
Contact Cleaner31
Dash Pot Oil
Door Closer Oil
Door Keys
Door Pressure Gauge
Door Wedge/ Door Stop20
Drill Bits
Fish Tape20
Flexfiles
Graphite Lubricants
Grease & Grease Gun
Guide Rail Lubricant31
Hand Tools14, 16, 17, 18, 19, 20
Hydraulic Oil
Inclinometer
IR Thermometers
Level
Liquid Gasket

Motor Oil	. 32
Multimeters24, 28,	30
Nail Puller	. 19
Nut Drive	. 20
Oil Cooler	. 36
Oil Cooler - HydroCool	. 36
"Out of Service" Post Its	. 20
Penetrating Oil	34
Pit Pads	. 33
Pliers	17
Power Tools	. 13
Punch & Chisel	. 19
Relay Adjustment Tools	. 15
Retrieval Tools	. 18
Rope Wear Gauge	. 18
Screw Drivers	, 15
Screws	. 14
Silicone Spray	. 31
Solvent	
Swaging Tool	. 15
Testers	27
Tool Boxes14,	, 17
Towels	. 36
Wire Puller	. 15
Wire Rope & Cable Lubricant	. 35
Wire Stripper	. 17
Work Lights	. 23
Worm Gear Oil	. 33
Mranchaa	10

5383-21

PISTOL GRIP DESIGN





EXCLUSIVE 5383-21 3/4" ROTARY

- HAMMER FEATURES: ■ 6.0 Amp Motor
- Variable Speed
- Hard Hitting Hardest Hitting In Its Class 1.7 Ft. Lbs. / Blow
- Fast Drilling 1,270 RPM And 5,400 BPM ■ Cushion Grip – More Comfortable, Secure
- Lightweight, Compact Size
- Mode Selector Can Be Changed From Hammering With Rotation For Drilling Concrete, To Rotation Only For Use In Steel, Wood, Etc. Using 48-66-1370 Adanter Kit.

SPECIFICATIONS

			BLUW		NU LUAD		I HIN WALL			
CATALOG	VOLTS		ENERGY	NO LOAD	BLOWS	SOLID BIT	CORE BIT		NET WGT.	SHIP. WGT.
NUMBER	AC ONLY	AMPS	(FTLBS.)	RPM	PER MIN.	CAPACITY	CAPACITY	LENGTH	LBS.	LBS.
5383-21	120	6.0	1.7	0-1270	0-5400	3/4"	1-1/2"	13"	5.7	11.6



Powerful 18 Volt Motor
Develops 495 In.-lbs. maximum torque.

1/2" All Metal Single Sleeve Grip-Lok™ Ratcheting Chuck With Carbide Jaws For 25% More Grip-Strength

18 Volt, 2.4 Amp-Hr Battery Delivers more run time and is compatible with all other MILWAUKEE 18 volt products.

Reversible Battery Pack* Fits into tight work spaces and adjusts balance.



Two Speed Ranges: 0-500 And 0-1700 RPM

- World's First Dampened Spindle-Lock No "clunk" when the trigger is released.
- Side Handle Rotates 360° And Provides Ultimate User Control During High Torque Applications
- Ergonomic Soft Finger Grip For Enhanced Comfort
- 20-Position Torque Adjustment 0624-24 FEATURE
- 0-25,500 No Load BPM

SPECIFICATIONS

	CATALOG NUMBER	VOLTS DC	DRII SPEED F HIGH		NO Load BPM	DRILL Max. Tq. InLBS.	BATTERY AMP-HRS	LENGTH (INCHES)	NET WGT. LBS.	SHIP. WGT. LBS.
•	0624-24 KIT	18	0-1700	0-500	_	495	2.4	10-1/2	4.0	15.1





10 AMP MOTOR

0-3200 SPM QUIK-LOK BLADE CLAMP™

SPECIFICATIONS

CATALOG NUMBER	CAPACITY In Steel	VOLTS AC ONLY	AMPS	NO LOAD RPM	GEAR TRAIN	DIAMETER AND THREAD	CHUCK CATALOG NO. CHUCK KEY INCLUDED	CHUCK KEY CATALOG NO.	LENGTH (IN.)	WGT.* LBS.	WGT. LBS.	
0300-20	1/2"	120	8.0	0-850	DOUBLE	1/2-20	48-66-1355	48-66-3280	12-13/64	5.4	5.9	





- Orbital Action Selector* For Aggressive Wood Cutting
- 0-2.700 SPM
- 3/4" Blade Stroke
- 18 Volt, 2.4 Amp-Hr Battery Delivers the most run time and is compatible with all other MILWAUKEE 18 volt products.
- One-Hour Universal Battery Charger
- Reversible Battery* Allows easier plunge cutting.
- Counter Balanced Mechanism
 Reduces vibration.

- Durable Slider-Crank Reciprocating Mechanism <a>9
 - Withstands abrupt stalls and abusive job-site applications. Designed for compact size and

applications. Designed for compact size and efficiency for cordless applications to maximize run-time. Heavy-Duty

Milwaukee Built Motor

Double-Walled Rotating-Handle Detents 4

Provide extremely strong pivoting mechanism.

Metal Cam Lock © Provides a firm hold in each pivoting position, particularly in high vibration.

25 Amp Marquardt Variable Speed Switch 6 For greater user control and long life.

Heavy-Duty, Steel, Keyless Quik-Lok Blade Clamp™ **

For fast easy blade changes. No hex key to lose or screws to strip. Accepts standard 1/2" shank Sawzall blades.

- Soft-Grip Handle Pad For Comfort And Secure Gripping 3
- All Metal Gearcase 0
- Rugged, Tool-Free Adjustable Shoe** ⑩
- Orbit Adjustment Lever
- Replaceable Brushes
- *Patent Pending
- **Patented

SPECIFICATIONS

CATALOG NUMBER	VOLTS AC ONLY	AMPS	STROKES PER MINUTE	STEEL QUIK-LOCK Blade Clamp	IMPACT PROTECTION	LENGTH OF STROKE	OVERALL LENGTH	NET WGT. LBS.	SHIP. WGT. LBS.
6537-22	120	10	0-3200	YES	YES	1-1/4"	17-7/8"	8.8	15.3
OT4410400 FOLUE				0 11 1 1 10 1 10 1		0 010145 0 1			T DI I D I

STANDARD EQUIPMENT: FOR 6537-22 - Includes Super Sawzall with Steel Quik-Lok Blade Clamp, Impact Resistant Carrying Case, 8' 3-Wire Quik-Lok Cord and Super Sawzall Assortment Two Blade Pack 48-02-5055.



6537-22

2650

SPECIFICATIONS

0375-6 OUARTER DRILL

CATALOG NUMBER	CAPACITY IN STEEL	VOLTS AC ONLY	AMPS	NO LOAD RPM	GEAR TRAIN	SPINDLE DIAMETER AND THREAD	REPLACEMENT Chuck Catalog No. Chuck Key Included	REPLACEMENT CHUCK KEY CATALOG NO.	LENGTH (IN.)	NET WGT. LBS.	SHIP. WGT. LBS.
0375-6	3/8"	120	3.5	0-1300	DOUBLE	1/2" - 20	48-66-2115	48-66-3240	6-1/2	3.0	3.5







Lok-Tor" SERIES

0616-24* (KIT) T-HANDLE DESIGN PROVIDES OPTIMUM

BALANCE AND COMFORT

1/2" ALL METAL RATCHETING KEYLESS CHUCK



TOOL AVAILABLE WITHOUT BATTERY, CHARGER OR CASE. SEE "-20" MODELS IN SPECS CHART REI OW



SPECIFICATIONS

CATALOG NUMBER	VOLTS DC	SPEED RPM HIGH	SPEED RPM LOW	DRILL Max. Tq. InLBS.	BATTERY Capacity A-HRS.	_LENGTH INCHES	NET WGT. LBS.	SHIP. WGT. LBS.	
• 0616-24	14.4	0-1700	0-500	460	2.4	10-1/2	3.7	13.5	



SPECIFICATIONS

CATALOG NUMBER	CAPACITY IN STEEL	VOLTS AC ONLY	AMPS	NO LOAD RPM	GEAR TRAIN	SPINDLE DIAMETER AND THREAD	REPLACEMENT CHUCK CATALOG NO. CHUCK KEY INCLUDED	REPLACEMENT CHUCK KEY CATALOG NO.	LENGTH (IN.)	NET WGT.* LBS.	SHIP. WGT. LBS.
0200-20	3/8"	120	7.0	0-1200	DOUBLE	1/2-20	48-66-0806	48-66-3080	12	4.2	4.7

SPECIFICATIONS

CATALOG	SPEED	DISC	VOLTS	OUTPUT	AMPS	THREAD	LENGTH	WIDTH	WGT.	WGT.
Number	RPM	DIA.	AC-DC	(WATTS/MAX HP)		Size*	(IN.)	(IN.)	LBS.	LBS.
6148-6	10,000	4-1/2"	120	1200/1-2/3	8.5	5/8"-11	14	5	4.9	6.1









- D-Style Handle
- Offers a secure grip that maximizes drilling pressure while minimizing operator fatigue.
- **Electronic Variable Speed Control Trigger** For smooth, controlled starts and hammering with rotation in concrete and masonry or drilling without hammering in wood or metal.
- When bit jams, the clutch slips rotary action stops.

EXCLUSIVE 5362-6 FEATURE:

■ Reversing Switch



48-59-0260

Time

Cycle

AC Charger

MULTI-BAY CHARGER

MULTI-BAY CHARGER 48-59-0260

Or Other Voltage Simultaneously

Harsh Job Site Environment

Charge Up To Three Battery Packs Of The Same

Fast Charging In 45 Minutes For Minimal Down

Micro-Controlled Conditioning Mode Maximizes

Run Time Automatically During Each Charge

Generator, Inverter And Long Extension Cord Ready - Due To Wide Input Voltage Range Of

Durable Construction Protects The Charger In

For Use With All Milwaukee Slide-On Style Battery Packs



Oust Cover Protects Charger Terminals From **Job Site Contamination and Debris**

JOB

SITE TOUGH!

- **Automatically Retracts When A Battery Is** Inserted
- **4** 9" Cord With Pass Through Plug
- High Visibility LED Indicators Let You Know What Charging Stage The Battery Pack Is In
 Convenient Cord Wrap Also Acts As A Shock Absorber If The Unit Is Tipped Or Dropped
- Impact Resistant Base Provides Ultimate **Protection In Job Site Conditions**
- Withstands 8" Drop To Concrete (With Battery Packs Attached)

SPECIFICATIONS

CATALOG NUMBER	VOLTS AC ONLY	AMPS	RPM	REMOVEABLE SDS BIT HOLDER	BLOW ENERGY (FTLBS.)	BLOWS PER MIN.	SOLID BIT CAPACITY	WOOD FLAT BORING BIT	STEEL TWIST DRILL	CORE BIT CAPACITY	LENGTH INCHES	NET WGT. LBS.	SHIP. WGT. LBS.
5350_21	120	7.4	0-080	NO	2.5	0-4200	1-1/8"	1-1/2"	1/2"	A"	13"	8.3	1/15



Impact Driver

This is THE tough, gutsy tool for loosening and removing seized screws and bolts. Heavy-duty handle accepts six work bits (3 blade, 3 Phillips, included).

A719. Impact Driver with 6 bits.

Also Available A719A 4 Bit Set A719B 6 Bit Set



TOOL BOXES

Classic-styled tool boxes for protecting and toting your special gear. Made from durable black fiber material with metal-reinforced corners, double latches, top handle, and one or two concealed side drawers.

A700. Tool Box, $12\frac{1}{2}$ "W x $6\frac{1}{2}$ "H x $5\frac{1}{2}$ " deep; one drawer.

A701. Tool Box, 14½"W x 8½"H x 7½" deep; two drawers.

A702. Shoulder Strap, fits either tool box.

Multi-Bit 16-in-1 Screwdriver

Ratcheting and pivoting screwdriver stores 8 double-ended bits in handle, for total of 16...PLUS 6 assorted sockets.

Slot, Philips, hex, hex security, and spanner bits handle nearly every worksite driver requirement. Bits can be used in power and other manual screwdrivers.

Handle pivots 90° in 2 directions.

ATL101. Screwdriver with 8 bits, 6 sockets, pivot, ratchet. **A590A. Screwdriver** with 8 bits only. *Add your co. name!*

ECONOMICAL 4-BIT SCREWDRIVER

A571A1 Spanner/Phillips/Slotted All-in-One Screwdriver.

Four drivers in one. Two double-sided driver bits (one stores in handle): #8/#10 spanner, #2 Phillips, & slotted. Bits are held securely by double-ended shaft.

Replacement heads available. Order **A571A3** for Phillips/slotted bit; **A571A2** for spanner.





	EXTRA LONG (3") UBLE-ENDED BITS*						
Adams part no.	Description						
ATL115 ATL116 ATL117	Hex Security ¹ / ₈ " - ⁵ / ₃₂ " Spanner 4 - 6 Spanner 8 - 6						
ATL110 ATL111 ATL112 ATL113	Standard Bits: Slot ⁵ / ₃₂ " - ⁷ / ₃₂ " _a Slot ³ / ₁₆ " - ¹ / ₁₄ " Phillips #0 - #1 Hex ³ / ₃₂ " ¹ / ₈ "						

*Hardened S2 Steel, universally-sized for use in power tools

SPANNER DRIVE, OVAL HEAD (50/PK)				
Adams part no.	Description			
A573A	8-32 x ½", nickel plated			
A573B	8-32 x 1", nickel plated			
A573C	10-32 x ½", nickel plated			
A573D	10-32 x 1", nickel plated			
A573F	8-32 x ½", brass			
A573G	8-32 x 1", brass			
A573P2	8-32 x 21/2", brass			
A573H	10-32 x ½", brass			
A573J	10-32 x 1", brass			
A573P6	10-32 x 2 ¹ / ₂ ", brass			
A573P4	8-32 x 2 ¹ / ₂ ", nickel plated			
A573P8	10-32 x 2 ¹ / ₂ ", nickel plated			

VANDAL-RESISTANT SCREWS

Available in stainless or brass. Choose 8-32 and 10-32 thread sizes. Use with one of our spanner head screwdrivers; 50 screws/pkg.

TINNE	KIVIAN GLIPS (10/PK)
Adams part no.	Description
A573M A573Q	#8-32 Tinnerman clips #10-32 Tinnerman clips

PHILLIPS DRIVE, OVAL HEAD (50/PK)					
Adams part no.	Description				
A573K	#8-32 x 3/4" brass screws				
A573L	#8-32 x 3/4" nickel-plated screws				
A573N1	#10-32 x 3/4" brass screws				
A573N2	#10-32 x ³ / ₄ "nickel-plated screws				
A573N3	#10-32 x 1" brass screws				
A573N4	#10-32 x 1" stain. steel screws				
A573P1	#8-32 x 21/2" brass screws				
A573P3	#8-32 x 21/2" nickel-plated screws				
A573P5	#10-32 x 2 ¹ / ₂ " brass screws				
A573P7	#10-32 x 21/2" nickel plated				

SWAGING TOOL AND BUTTON GUIDE

Here's an indispensible tool combo for installing O450-, O451-, and O467-series replacement Otis pushbutton guides.

For studless buttons, just slip the guide onto the threaded bolt...slide assembly through button cutout in panel...and tighten down with 3/4" wrench. Remove swaging tool, and button guide stays locked firmly in place for no-miss button installation. Saves mechanics' hands and time.

O457 Swaging tool and button guide.

P.I. LENS EXTRACTOR

Change Westinghouse "Time Saver" P.I. bulbs quickly and easily *from the front* with this specially-designed lens removal tool.

Suction-cup gripper with convenient screw-on handle (2"L) makes bulb replacement fast and simple.

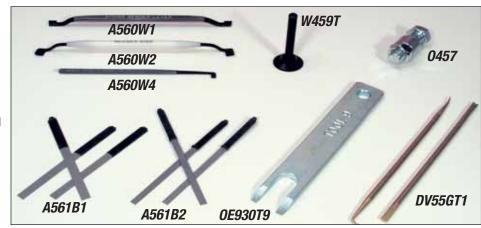
W459T P.I. lens extractor.

RELAY ADJUSTMENT TOOLS

Put these time-saving tools in every mechanic's tool box and watch productivity soar. All models feature insulated handles.

A560-series Relay adjustment tools.

*Not shown



ESCALATOR STEP REMOVING TOOL

Use 2 of our step removal tools (replaces Otis' tool No. 9) for the leverage you need to work on worn escalator step treads.

OE930T9 Escalator step removing tool.

A560-SERIES RELAY ADJUST. TOOLS					
Adams part no. Description					
A560W1 Wrench, 63/8" long; offset 0.018" Wrench, 63/8" long; offset 0.020"					
A560W3* A560W4	Wrench, 63/8" long; offset 0.032" Spring adjustor, 5" long; 0.031"				

CONTACT BURNISHERS

Non-residual tools burnish away oxidation on silver contact surfaces.

A561B1 Contact burnishers. 4"L x $^{3}/_{16}$ "W x 0.007" thick; 10 per pkg.

A561B2 Contact burnishers. $3^5/8$ "L x $^1/4$ "W x 0.010" thick; 10 per pkg.

O-RING REMOVING TOOLS

Two special double-ended brass tools simplify removal and replacement of O-rings. Pry, pull, push, and stretch O-rings easily. Brass material prevents damage to surfaces.

DV55GT1 O-ring removing tools.

WIRE PULLER

Takes much of the hard work out of tedious wiring jobs; reaches where fingers can't to pull wire through narrow openings. Insulated handle. Slot width is 0.050".

A563 Wire puller.

RETAINING RING PLIERS

Dual-purpose model services internal and external retaining rings. Comes with 4 interchangeable tips, Allen wrench, and insulated handles. Mastermechanic quality for long service.

A570D Retaining ring pliers.

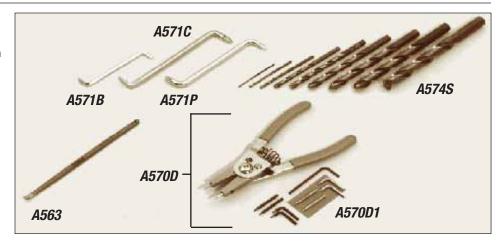
A570D1 Replacement tip kit for A570D pliers.

OFFSET SCREWDRIVERS

Forged steel tools for heavy-duty performance; slotted and Phillips heads, round shafts.

A571-series Offset screwdrivers.

Adams part no.	Description
A571B	2 slotted blades, 90° to handle
A571C	1 slotted, 1 No. 2 Phillips blade; 90°
A571P	No. 1 Phillips/No. 2 Phillips; 90°



HEAVY-DUTY DRILL BITS

The 4 cutting edges on our M-7 steel drill bits retain their cutting edges under near-red-hot operating conditions. Modified split points for accurate centering. These bits hold a sharp edge up to twice as long as regular drill bits.

Choose convenient 9-piece assortment (A574S,

1 ea. of the sizes shown in the table), or multi-packs of single sizes; same-size shanks (see photo, above)

A574-series Heavy-duty drill bits.

Adams part no.	Drill bit diameter	# bits per set	Adams part no.	Drill bit diameter	# bits per set
A574S	1/16" thru 1/2"	9	A574F	1/4"	6
A574A	1/16"	6	A574G	⁵ /16"	4
A574B	3/32"	6	A574H	3/8"	4
A574C	1/8"	6	A574J	⁷ /16"	4
A574D	3/16"	6	A574K	1/2"	4



3-IN-1 MULTI-PLIER

Our redesigned multi-plier replaces three of the most commonly-used pliers with one double-hinged mechanism. The double hinge multiplies the cutting leverage at the jaw.

You get three interchangeable carbon steel plier heads, induction-hardened for exceptional strength: long nose, diagonal cutting, and combination. Heads change easily with-out tools: unlock handles ...open fully...pull out head...insert new head...close handles.

Other features include precision-engineered cutting edges, spring-loaded PVC handles, rugged holster,

lifetime warranty on the mechanism, 3-year warranty on the heads.

ATL320 3-In-1 Multi-Plier with holster and three interchangeable heads.

Long-Nose Plier

Our chrome-vanadium alloy long-nose plier comes with all the features of our diagonal-cutting plier, in a long-nose model.

Use anywhere a long-nose plier is needed, with the confidence of knowing that you can't work with a better-made tool.

ATL324 Long-Nose Plier with holster.

DIAGONAL-CUTTING PLIER

Our professional-quality diagonal-cutting plier boasts a precisely-honed cutting edge and a skinning slot for stripping wire. Includes a rugged holster.

Made from drop-forged chrome-vanadium alloy, this fine tool includes a crimper feature between the handles...an induction-hardened cutting edge...and a hot-riveted joint.

ATL325 Diagonal-Cutting Plier with holster.

All three specialty pliers come with a rugged, convenient holster that attaches to clothing or tool belt





Adjustable Wrenches

With spans 18% wider than normal, the jaws of our adjustable wrenches feature a ridge design that catches different-size fasteners without stripping.

Precision joint mechanism has been engineered for smooth, no-wobble operation, and laser-etched gauges (inches on one side and millimeters on the other) give uncommon convenience and accuracy.

Industry-quality chrome-vanadium steel lends superior strength; streamlined handle with oversize grip improves tool balance and reduces hand fatigue.

ATL304 Adjustable 6" Wrench. ATL305 Adjustable 8" Wrench.

ATL306 Adjustable 10" Wrench. ATL307 Adjustable 12" Wrench.

8-IN-1 MULTI-WRENCH

8-in-1 Multi Wrench gives you four different SAE wrench sizes at each end. Pack one of these instead of eight separate wrenches: $^{5}/_{16}$ ", $^{3}/_{8}$ ", $^{7}/_{16}$ ", $^{1}/_{2}$ ", $^{9}/_{16}$ ", $^{5}/_{8}$ ", $^{11}/_{16}$ ", and $^{3}/_{4}$ ". Chrome vanadium hardened steel shank. Soft comfort grip is 5" long. Overall length: $8^{3}/_{8}$ ".

ATL301 8-in-1 Multi-Wrench.

Heavy-Duty Slip-Joint Pliers

These big-muscled pliers feature a solid shaft that holds true under the tightest grip. Replaces the classic bolt-and-groove plier with a double-sided steel shank. This bolt-less, rivetless jaw mechanism can't slip or torque out.

The soft, non-slip grip provides extra space between the handles to protect fingers...even at full jaw extension.

Forged from industrial-strength chromevanadium steel for greatest possible strength; warranted for life.

ATL321 10" Slip-Joint Pliers.

ATL322 12" Slip-Joint Pliers.

ATL323 16" Slip-Joint Pliers.

10" & 14" Self-Adjusting Pipe Wrenches

Our tough Self-Adjusting Pipe Wrenches

combine the convenience of a pivoting head and ratcheting tension adjustment. Grab the workpiece from almost any angle and tighten with one-hand ratcheting motion. 360° swivel head lets you apply leverage in tight spots.

ATL302 10" Ratcheting Pipe Wrench. ATL303 14" Ratcheting Pipe Wrench.









WIRE STRIPPER

Automatic action top loading stripper grips and cuts cleanly with one squeeze. Self adjusting, designed for 10 -26 AWG wire, solid or stranded.

AT336 Wire Stripper.

10" CUTTER STRIPPER

Cuts soft copper wire with one end, grabs and strips with the other. Stripper self-adjusts to wire size - no stripping holes to locate. Use on soft copper (electronic) wire sizes 26 to 14 AWG. Cutting head is full-flush cutting and low-profile with stainless steel, induction-hardened jaws.

ATL337 2 in 1 Cutter/Stripper.

10" HEAVY-DUTY CRIMPING PLIERS

Oversized cross section for super heavy-duty jaws. Induction-hardened cutting edges and hot-riveted joints. Industrial quality chrome vanadium.

ATL373 Heavy Duty Crimping

HEAVY-DUTY LINESMAN PLIERS

Oversized cross section for super heavy-duty jaws. Induction-hardened cutting edges and hot-riveted joints. Industrial quality chrome vanadium.

ATL374 9.5" Heavy Duty Linesman Pliers ATL375 8.5" Heavy Duty Linesman Pliers





ATL374





HEAVY-DUTY DIAGONAL-CUTTING PLIERS

Oversized cross section for super heavy-duty jaws. Induction-hardened cutting edges and hot-riveted joints. Industrial quality chrome vanadium.

ATL376 7" Heavy Duty Diagora Cutting Pliers ATL377 8" Heavy Duty Diagora Cutting Pliers

8 " Heavy-Duty Long-Nose Pliers

Oversized cross section for super heavy-duty jaws. Induction-hardened cutting edges and hot-riveted joints. Industrial quality chrome vanadium.

ATL378 9.5" Heavy Duty Long-Nose Pliers

ELECTRONIC DIGITAL CALIPER 6"/150MM

6" Caliper features zero setting at any position. Conversion switch provides instant conversion between millimeters and inches Stainless steel shaft. Display has automatic shut off . Uses one battery, type SR44 (included). Shaft displays measurements in inches and millimeters.

ATL381 Electronic Digital Caliper

TOOL BOX

Heavy-duty, molded plastic (without tray). $19.6" \times 10.4" \times 9.8"$ **APL109T Tool Box**



Door Key Value Pak

Put every door key you'll ever need into your toolbox...and save significantly compared to the cost of buying them individually.

This seven-piece Value Pak includes keys for Dover, GAL, Otis, and Westinghouse. Helps you streamline every service route by equipping each mechanic for the unexpected.

KVP840 Key Value Pak opens doors to increased productivity.

INSPECTION MIRROR

Magnifying inspection mirror lets installers check hard-to-see connections, contacts, and other obstructed-view components. $1\frac{1}{6}$ "-dia. mirror is mounted at 45° angle to see around corners. Insulated handle; overall length = $6\frac{3}{6}$ ".

A565. Inspection Mirror.

Tele-Mirror Locator Tool

Telescoping mirror extends to 27 ½" for locating items dropped behind or under obstacles...especially helpful when working on escalators.

Mirror surface is 21/2" x 13/4". Non-slip black handle makes this tool easy to use.

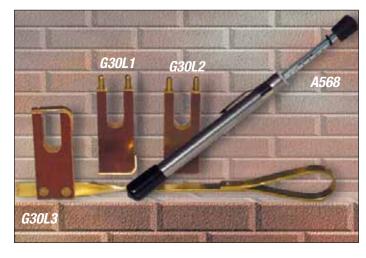
A722. Tele-Mirror locator tool.

TELE-MAG RETRIEVAL TOOL

Telescoping magnetic retrieval tool extends to 29" to help you retrieve small metal objects that have been dropped or rolled out of reach.

Holds up to 6 lbs.

A723. Tele-Mag retrieval tool with protective cap.



GAL JUMPERS

Here are the tools mechanics need for jumping GAL doors during servicing.

G30L3 "Tomahawk" with MO jumper head and $10^{1/2}$ "L looped handle. Replaces GAL part no. INT-2-24 & INT-1-19.

G30L2 Double-barrel contact head.

G30L1 Combination MO jumper head does the job of both jumpers above; no handle.

Door Pressure Gauge

Measures closing pressure of elevator doors to help mechanics make adjustments without guesswork.

TO USE: Let door close about half way, and stall it with your foot. Hold gauge firmly against door...release foot...keep door from moving for 5-10 secs. Read closing pressure at location of O-ring. (Range: 0-35 lbs.)

A568 Door Pressure Gauge helps keep closing pressure within code.

TELESCOPING LIGHTED PICKUP AND MIRROR KIT

Pickup features bright white LED light at the tip on a chrome-plated shaft that telescopes to 24". Super strong 5 lb. magnet is encased in a brass shield that directs the magnetic force to the tip - won't attract peripheral objects. Light turns off when not in use. Uses 3 type 357 button cell batteries (included). Mirror has a universal joint that adjusts to any angle, and a chrome-plated shaft that telescopes to 36", collapses to 8"; in fitted case.

ATL369 Telescoping Lighted Pickup and Mirror Kit ATL369T Telescoping Lighted Pickup



ROPE WEAR GAUGE

Pocket sized aluminum tools helps mechanics and inspectors with initial field determination of a wire rope's diameter and whether or not the diameter may be worm beyond allowable specifications. Precision CNC machined from T6061billet aluminum, color anodized and laser etched for easy use and recognition.

If gauge fits over rope, rope is worn beyond allowable specification and should be inspected further. To meet the industry needs and accommodate current and ongoing code revisions and proposals, four (4) models of wire gauge are now available to meet your needs. Our A17.1 code compliant gauge, is complimented by several additional gauges designed to conform to the proposed A17.6 code revisions, including allowances for measuring for both wear and rouge.







ATL001

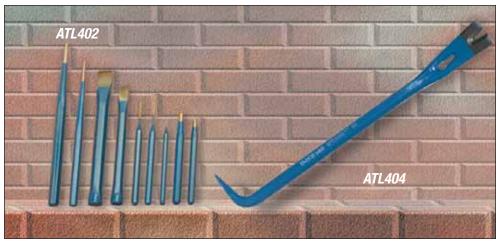
Adams part no.	Description
ATL096	(A17.1 code compliant) – Imperial wire rope wear gauge (7 slot) – Black color. For the following rope diameters: 3/4", 11/16", 5/8", 9/16", 1/2", 7/16", 3/8".
ATL00I	(A17.6 proposed code revision) – Imperial wire rope gauge – with ROUGE (7 slot) – Red color. For the following rope diameters: 3/4", 11/16", 5/8", 9/16", 1/2", 7/16", 3/8".
ATL00M	(A17.6 proposed code revision) – Metric wire rope gauge – with ROUGE (7 slot) – Blue color. For the following rope diameters: 22, 19, 16, 13, 11, 10, 8 mm.
ATL00KM	(A17.6 proposed code revision) – Metric wire rope gauge – with ROUGE (8 slot) – Blue color. For the following rope diameters: 19, 16, 13, 11, 10, 9-½, 8, 6 mm.



ATL096



ATLOOKM



NAIL PULLER/PRY BAR

This tougher-'n-nails wrecking tool pulls nails at one end, and gives you superior leverage from the other end for opening crates and lifting heavy objects.

Hexagonal bar stock of tempered steel. 18" long. Use anywhere the job calls for an unyielding tool.

ATL404 Nail Puller/Pry Bar.

ATL368

Punch & Chisel Set

Our 9-piece set gives you a variety of commonly-needed punches and cold chisels. Chisels feature Targethead® design to reduce spalling and mushrooming.

Contents: Two cold chisels ($\frac{1}{2}$ " and $\frac{3}{4}$ " points); one 5"L prick punch, $\frac{3}{8}$ "; one $\frac{4}{2}$ "L center punch, $\frac{5}{16}$ "; three pin punches, $\frac{1}{16}$ ", $\frac{3}{32}$ ", and $\frac{1}{8}$ "; and two drift punches, $\frac{1}{8}$ " and $\frac{3}{16}$ ".

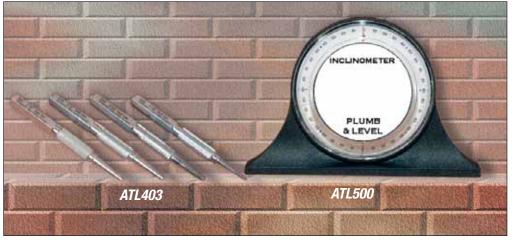
ATL402 9-Piece Punch & Chisel Set.

CABLE CUTTERS

Cuts stranded cable cleanly with no frayed edges. High-quality tool manufactured of aircraft quality alloy steel with heat treated cutting edges. Powder-coated handle for longest life.

ATL365 18" Cable Cutters.
ATL368 42" Cable Cutters.





NAIL SETS

Our 4-piece set gives you commonly-needed sizes in hardened steel with knurled, slip-resistant shafts: $^{1}/_{32}$ ", $^{1}/_{16}$ ", $^{3}/_{32}$ ", and $^{1}/_{8}$ ".

ATL403 4-Piece Nail Set Kit.

INDUSTRIAL INCLINOMETER

This fully-professional tool reads angles instantly and accurately to a tolerance of 0.5°.

Angle and grade chart shows angles in degrees and converts them to pitch per inch and pitch per foot.

Constructed of durable

aluminum alloy, our inclinometer is designed for rugged use under all working conditions.

ATL500 Industrial Inclinometer.



9" Torpedo Level

Features magnetic strip, top-read window. 3 vials: one plumb, one level, one 45 deg. Tinted 360 deg. vials for easy reading.

ATL331 9" Torpedo Level.



NUT SLEEVE INSTALLATION TOOL

Reduces sheet metal mounting jobs to three quick & easy steps: 1) Drill a hole. 2) Install a nut sleeve. 3) Drive a screw.

Set up every mechanic with a nut sleeve tool, and watch mounting problems go away. Features insulated comfort-grip handle; accepts all mandrels and sleeves listed below (mandrell bushing set and nut sleeves sold separately).

Size	Mandrell bushing set	Nut sleeves (50/pkg)
#6-32	A550M1	A550NS1
#8-32	A550M2	A550NS2
#10-24	A550M3	A550NS3
#10-32	A550M4	A550NS4
1/4"-20	A550M5	A550NS5
¹ / ₄ "-28	A550M6	A550NS6
⁵ / ₁₆ "-18	A550M7	A550NS7
⁵ / ₁₆ "-24	A550M8	A550NS8

DIAMETER TAPE MEASURE

Measures diameter in centimeters and inches. Perfect for accurate measurement of hydro piston diameter. A "must have" for every toolbox.

A560D Diameter Tape Measure.

"Out of Service" Post-It™ Signs

Easy-to-use caution signs feature 3M™ "Post-It Note" removable adhesive. Simple, economical way to inform riders when an elevator has been taken out of service.

Press on, peel off; will not harm sensitive finishes or materials. Red ink on white paper. Fifty self-adhesive 4" x 6" signs per pad, 20 pads per package.

A559 "Out of Service" Post-It™ Signs, 20 pads of 50 signs each.

DOOR WEDGE SAF164 Door Wedge - Standard. SAF165 Door Wedge - Deep Sill.

SAF165



HOLLOW SHAFT NUT DRIVER SET - 7 PC. SAE

Includes 7 SAE sizes: $^3/_{16}$ ", $^1/_{4}$ ", $^5/_{16}$ ", $^1/_{32}$ ", $^3/_{8}$ ", $^7/_{16}$ ", $^1/_{2}$ ". Color coded hollow shafts accommodate longer fasteners. Extra-deep sockets securely grip nuts and bolts.

ATL371 Hollow Shaft Nut Driver Set - 7 Pc. SAE.

ATL371



Adams part no. Description A550NS9 ADAMS, THD INSERT, M4X0.7 AK (25 PCS) A550NS10 ADAMS, THD INSERT, M5X0.8 AK (25 PCS) A550NS11 ADAMS, THD INSERT, M6X1 AK (25 PCS)
A550NS10 ADAMS, THD INSERT, M5X0.8 AK (25 PCS)
A550NS11 ADAMS THO INSERT M6X1 AK (25 PCS)
ADAMO, TID MOLITI, MOXT AR (20100)
A550NS12 ADAMS, THD INSERT, M8X1.25 AK (25 PCS)
A550NS13 ADAMS, THD INSERT, M10X1.5 AK (25 PCS)
A550CK14 CONV KIT METRIC TSN TYPE M4X0.7
A550CK15 CONV KIT METRIC TSN TYPE M5X0.8
A550CK16 CONV KIT METRIC TSN TYPE M6X1.0
A550CK17 CONV KIT METRIC TSN TYPE M8X1.25
A550CK18 CONV KIT METRIC TSN TYPE M10X1.5





LATHE-TYPE Commutator Stones						
Adams	Adams Grit/ Dimensions Wood					
part no.	Grade	L	W	Н	block	
A5610A1	90/M					
A5610A2	120/F	5"	1 ¹ /2"	1"	11/2"W	
A5610A3	220/P	J	1 /2	'	1 /2 VV	
A5610A4	320/E					
A5610B1	90/M					
A5610B2	120/F	5"	2"	1"	3"W	
A5610B3	220/P	5	_	'	J VV	
A5610B4	320/E					
A5610C1	90/M					
A5610C2	120/F					
A5610C3	220/P	8"	11/2"	1"	1 1/2"W	
A5610C4	320/E					
A5610D1	90/M					
A5610D2	120/F					
A5610D3	220/P	8"	21/2"	1 1/2"	3"W	
A5610D4	320/E					

Use our line of commutator stones to dress and finish worn commutators. Clean up the resulting burr with a **"Rubrite" flexible abrasive brick**. And finish the job by shaping carbon brushes to conform to commutator surfaces with a **brush seating stone**.

Everything you need for commutator maintenance is included in our exclusive 13-piece Commutator Treating Kit (part no. **A5613A1**, pictured below).

TECH NOTE:

As a general rule, large and badly worn commutators require initial dressing with a coarse stone; smaller commutators often can be treated with medium- and fine-grade stones.

The smaller the contact, the finer the grit of burnishing tool you can start with.

Different styles and grades of stones and burnishers might need to be tested to find the combination and sequence of grits that works best.

PENCIL-TYPE COMMUTATOR STONES					
Adams	Grit/	Grit/ Dimensions			
part no.	grade	L	W	Н	
A5610E1	90/M				
A5610E2	120/F	6"	3/8"	1/4"	
A5610E3	220/P	О	-78	/4	
A5610E4	320/E				
A5610F1	90/M				
A5610F2	120/F	6"	1/2"	1/4"	
A5610F3	220/P	U	12	/4	
A5610F4	320/E				
A5610G1 A5610G2	90/M 120/F				
A5610G2 A5610G3	220/F	6"	3/8"	3/8"	
A5610G3	320/F	O	/6	/ "	
A5610H1	90/M				
A5610H2	120/F				
A5610H3	220/P	6"	1/2"	3/8"	
A5610H4	320/E	O	12	/ 0	
A5610J1	90/M				
A5610J2	120/F				
A5610J3	220/P	6"	5/8"	1/2"	
A5610J4	320/E	U	70	/2	
A5610K1	90/M				
A5610K2	120/F				
A5610K3	220/P	6"	3/4"	3/4"	
A5610K4	320/E	U	/4	/4	

"RUBRITE" Flexible abrasives			
Adams	D	imensi	ons
part no.	L	W	Н
A5611A1 A5611A2 A5611A3	5"	3/8" 5/8" 1/2"	³ /8" ³ /8" ¹ /2"
A5611A4		1"	1/2"
A5611A5 A5611A6 A5611A7	5"	3/ ₄ " 1" 2"	3/ ₄ " 1" 1"
A5611A8		3"	1"

BRU	BRUSH SEATING, CLEANING STONES					
Adams part no.	Dimensions		Grade	Qty./ box		
part no.	L	W	H		DOX	
A5612A1 A5612A2 A5612A3	4 ³ / ₄ "	2" 1" ³ / ₄ "	1 ¹ /4" ¹ /2" ¹ /2"	Med. soft	1	
A5612A4 A5612A5 A5612A6	43/4"	3/4" 1/2" 3/8"	1/4"	Fine hard	2 4 4	

COME	COMBINATION COMMUTATOR STONE				
Adams					
part no.	(grades)	L	W	Н	
A5610L1	90/220 (M/P)	8"	2"	1"	



Adams' exclusive <u>Commutator Treating Kit</u> (part no. A5613A1) packs into a convenient storage box everything you need for thorough commutator maintenance:

- 2 ea. Coarse, Med., Finish, and X-Finish
- 4 Firm/Hard seating stones;
- 1 stone holder;
- 1 storage case

COMMUTATOR TREATING KIT

A5614A3





Replacement stones available (6/pkg.):

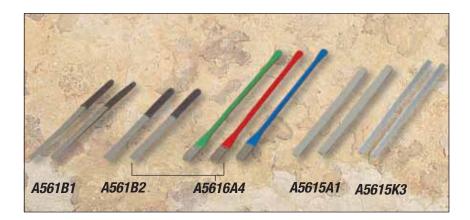
A5614A1 Coarse

A5614A2 Medium

A5614A3 Finish

A5614A4 X-Finish

A5614A5 Firm/Hard Seating



Clean contacts the easy way with our "Plastone" flexible files to remove damaged contact material.

Files can leave a non-conductive residue on the face of a contact. This residue must be removed for safe and reliable operation. For fine contacts, burnishing alone often is enough.

Polish the contact and remove any residual material with a contact burnishing tool.

Or use our premium, long-lasting,

non-residual **diamond spatulas** (available in a 3-piece kit). These are the most popular, longest lasting, and in the long run, most economical tools. **See below.**

Most mechanics prefer to use the flex files for older, larger contacts. Some like to use the non-conductive A-5615K1, K2, and K3 on newer, smaller relays such as Westinghouse ES, Otis Slimline and Automatic electric.

SAFETY NOTE: Since burnishing tools are conductive, they must be used with the power off!

A560W6

ORANGE STICKS

Dozens of practical uses. Especially useful for cleaning contacts. Sold in bags of ten.

A560W6 Orange sticks

CONTACT BURNISHING TOOLS (10/PK)			
Adams	Adams Dimensions		
part no.	L	W	Thick
A561B1	4" 3/16" 0.007"		
A561B2	35/8"	1/4"	0.010"

PLASTONE FLEXIBLE FILES (12/PK.)						
Adams Dimensions						
part no.	1	W	Thick	Grit		
A5615A1	_	1/4"		240		
A5615A2	41/2"	3/8"	0.015"	240		
A5615A3	4.72	1/4"	0.015	320		
A5615A4		3/8"		320		
A5615B1	43/4"	3/8"	0.025"	120		
A5615C1		1/2"		180		
A5615C2 A5615C3		1/4" 3/8"		240 240		
A5615C4		1/4"	0.020"	320		
A5615C5		3/8"		320		
A5615D1		1/4"		180		
A5615D2	41/2"	3/8"		180		
A5615D3		1/4"		240		
A5615D4	'-	3/8"		240		
A5615D5		1/4"		320		
A5615D6		3/8"		320		
A5615E1 A5615E2		3/8" 1/2"		80 80		
A5615E3		1/2"		120		
A5615E4		1/2"	0.040"	180		
A5615E5	-	1/2"		240		
A5615E6		1/2"		320		
A5615F1		7/8"		80		
A5615F2		7/8"		120		
A5615F3		7/8"		180		
A5615F4		7/8"		240		
A5615F5 A5615G1	43/"	⁷ /8" 1/2"		320 80		
A5615G2	43/4"	1/2"		120		
A5615G3	†	1/2"		180		
A5615G4		1/2"		240		
A5615G5		1/2"		320		
A5615H1		3/8"		120		
A5615H2		3/8"		180		
A5615H3		3/8"	0.070"	240		
A5615H4	-	3/8" 7/8"		320		
A5615J1 A5615J2		7/8"		80 120		
A5615J3		7/8"		180		
A5615K1		1/8"		320		
A5615K2	41/2"	1/8"	0.020"	240		
A5615K3		1/8"		180		

	DIAMOND SPATULA KIT & Individual Files		
Adams part no.	Description		
A5616A4	3-piece spatula kit, incl. 1 ea. coarse, medium, and fine spatula		
A5616A1	Coarse-grit spatula (green handle)		
A5616A2	Medium-grit spatula (red handle)		
A5616A3	Fine-grit spatula (blue handle) Grit on one side only.		

RUFF LITE (110VAG)

A 14125 Ruff Lite

13W Fluorescent lamp (900 Lumens) W-25-FT. Power cord (18/2 SJTOW-A). IN-line ballast; internal switch moisture-proof housing.

Maverick (11002C)

A 14325 Mayerick

13W Fluorescent lamp (900 Lumens) W-25-FT. Power cord (18/2 SJTOW-A. Magnified end light works like a flashlight to direct light where needed most. Bulb is protected by cushion and bumper. Switch and ballast in handle.

A 14425 TOOL TAP

Same as A 14325, Plus tool tap for powering tools or additional lights; 16/3 power cord.

A 14400 Conversion Head

Conversion Head with internal switch and ballast. A 14325 lamp head connects to your cordset.

A 14412 Toolbox Light

Maverick-style toolbox light; same as A 14325 with 12" cord that connects to your power extension cord.

A 14520 Std.-Cord Go Lite

13W maverick-style fluorescent lamp with switch in lighthead. Cigarette plug on 20-ft. 18/2 SJTOW-A standard cord. uses battery pack shown on other side.

Go Lite (12V)

A 14521 COILED-CORD GO LITE

Same as A 14520 with 2-10 ft. coiled cord, 18/2 tpe. not shown.

A14700 Go Lite Battery Pack

7-AMP Battery pack with 2-stage charger. Wear over the shoulder or around waist. Take with you to your boat or RV battery life up to 5.5 hours, continuous use. Cigarette jack accepts 12-volt Go Lite plug. Attach to AC adapter (included) to recharge.

AC Adapter also recharges cell phones & walkie-talkies!

A14001 Magnetic Clamp

Magnetic Mount Clamps onto outer tube of lamp; lamp can be rotated freely to illuminate work area. Keeps your hands free for the task at hand.

A14003 Magnetic Hook

Same as A 14001, Plus a rotating plastic hook. Clamp onto outer lamp tube and suspend from hook or support on ferrous surface with magnet

A14004 REPLACEMENT BLUB FOR ALL MODELS

Replacement rough-service bulb for Ruff Lite, Maverick, and Go Lite. Not shown.



TRIPLETT DIGITAL MULTIMETERS



All 9000 Series Triplett Digital **Multimeters** come with the manufacturer's 3-year Warranty





A106D05

Digital Multimeter

- ▲ 3 1/2 Digit, 1999 max. reading
- ▲ HUGE, 1.15" High Digital Display
- ▲ Manual Range Selection
- ▲ Data Hold
- ▲ DC Voltage to 1000V
- ▲ AC Voltage to 750V
- ▲ AC/DC Current to 10A
- A Resistance to 200M Ω
- ▲ Continuity Test
- ▲ Diode Check
- ▲ Transistor Check
- ▲ Auto Polarity
- ▲ Overload Protection
- ▲ Low Battery Indication
- Auto Power Off
- ▲ Double Insulated Case
- ▲ Safety designed to comply with IEC 1010-1
- ▲ CAT I, II, and III Rated
- Overload Protected
- ▲ Three Year Warranty
- ▲ Includes: Red Rubber Boot, Safety Test Leads with Screw-On Alligator Clips & 9 Volt



A106D15

Digital Multimeter with Temperature & Capacitance

- ▲ 3 1/2 Digit, 1999 max. reading
- ▲ HUGE 1.15" High Digital Display
- Manual Range Selection
- Data Hold
- ▲ DC Voltage to 1000V
- ▲ AC Voltage to 750V
- ▲ AC/DC Current to 10A
- Resistance to 200M Ω
- ▲ Temperature Test (Probe Included)
- Capacitance Test (Extension Lead Included)
- Frequency
- Continuity Test
- Diode Check
- Transistor Check
- Auto Polarity
- Overload Protection
- Low Battery Indication
- Auto Power Off
- ▲ Double Insulated Case
- ▲ Safety designed to comply with IEC 1010-1
- ▲ CAT I, II, and III Rated
- Overload Protected
- Three Year Warranty
- ▲ Includes: Red Rubber Boot, Safety Test Leads with Screw-On Alligator Clips, Thermocouple Probe, Capacitance Extension Lead & 9 Volt

Triplett: Model 9015-A





A106D25

Autoranging Digital Multimeter with Capacitance & Frequency

- ▲ 3 3/4 Digit, 3260 max. reading
- ▲ 33 Segment Bargraph
- ▲ Auto / Manual Range Selection
- ▲ DC Voltage to 1000V
- ▲ AC Voltage to 750V
- AC Current to 10A
- ▲ AC/DC Current to 10A
- Resistance to 32.6M Ω
- Frequency
- Capacitance Test
- Continuity Test
- Diode Check
- ▲ Transistor Check
- ▲ Data Hold
- Auto Power Off
- Double Insulated Case
- Safety designed to comply with IEC 1010-1
- ▲ CAT I, II, and III Rated
- ▲ Overload Protected
- Three Year Warranty
- ▲ Includes: Red Rubber Boot, Safety Test Leads with Screw-On Alligator Clips & 9 Volt Battery

Triplett: Model 9025

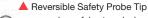
A106D26

Digi-Probe Multimeter with Logic

- ▲ Large 3200 Count High Contrast LCD
- ▲ 32 Segment Bargraph ▲ 5 DC Voltage Ranges
- ▲ 4 AC Voltage Ranges
- ▲ 2 DC Current Ranges
- ▲ 2 AC Current Ranges ▲ 6 Resistance Ranges
- ▲ Logic Test
- ▲ Diode Test
- ▲ Continuity Check



- A Range Hold
- Low Battery Indication
- Auto Power Off



- can be safely stored when not in use ▲ Uses 2 - 1.5V AAA Batteries (included)

One Year Warranty

Triplett: Model 3526-B

A106E00

▲ CAT III 600V

▲ Backlit Display

▲ Ergonomic Design with

▲ Diode & Continuity Test

▲ Three Year Warranty

Triplett: Model 9300-A

Each Model 9000 Series Clamp-On

includes a zippered, vinyl carrying

case, test leads, screw-on alligator

manual. The 9310-A and 9320-A

also includes a K-Type Thermocouple

clips, battery and instruction

Adaptor and Probe.

Measurements

▲ Manual Ranging

▲ Data Hold

Tear Drop Shaped Jaw

Average AC Responding

AC Clamp-On Meter

▲ 3 1/2 LCD with max. reading of 1999

▲ AC Current Measurement to 1000A

Resistance Measurement to 200Ω

▲ AC/DC Voltage Measurement to 600V

Affordable Clamp-Ons for Today's Maintenance Needs.

Three Models, all CE marked. Tested to IEC 1010 Category III 600V

CE 3Kent

A106E10

A CAT III 600V

Duty Cycle Test

Backlit Display

A Relative Mode

Auto Power Off

Diode & Continuity Test

Ergonomic Design with

Auto / Manual Ranging

▲ Three Year Warranty

Triplett: Model 9310-A

Tear Drop Shaped Jaw

AC/DC Clamp-On Meter

▲ 3 3/4 LCD with max. reading of 3999

▲ AC/DC Current Measurement to 1000A

AC/DC Voltage Measurement to 600V

▲ Capacitance Ranges from 40nF to 100µF

Frequency Ranges from 10Hz to 10MHz

Average AC Responding Measurements

▲ Auto Zero on DC Current Measurements

Resistance Measurement to 40MΩ

▲ Temperature from -4° to 1472° F

- ▲ Clamps fit 1 750 MCM or 2 350 MCM cables ▲ Rugged designed to MIL-T-28800 for a Class II Instrument ▲ Double Insulated Design

TRIPLETT AC TEST EQUIPMENT

A106ESIA

Sniff-It Rev A Non-Contact, AC Voltage Detector

- ▲ New Ergonomic Design!
- Detects AC Voltage without making contact
- Sensitivity from 30 to 600 Volts AC
- Light flashes & beeper chirps when AC voltage
- Beep Rate Indicates the Magnitude of Voltage (low or high voltage)
- Flashes & Beeps faster as AC voltage is
- Economical, Non-Contact probe is safe and simple to use
- Pocket-Sized with Pocket Clip
- Powered by one A23 Battery (included)
- 5 Year Limited Warranty

Uses for the Sniff-It:

- Tests for AC Voltage on:
 - ▲ Outlets AC Motors
 - ▲ Extension Cords
 - ▲ House Trailer Siding
- ▲ Identify "hot" side of AC receptacles
- ▲ Find and trace electrically "live" wires or objects
- ▲ Detect presence of high voltage electric fields

Specifications

Indicators: Audible beeper and flashing red LED

1 - A23 or 23A (12 Volts) (Included) Battery: 5.8" (L) x 1.25" (W) x 0.8" (H) Body Size:

Weiaht: Approx. 0.2 lb.

- approached

- ▲ Light Bulb Sockets ▲ Light Switches
- Appliances
 - ▲ Circuit Breakers
- Power Tools
- Determine if metal surfaces are "live" or "ground"
- ▲ Detect "ringing" telephone lines
- Test fuses (axial type)
- Find breaks in AC wiring
- Many, many more . .

Range: 30 to 600 volts AC, 60Hz

Triplett: Model 9600 Sniff-It Rev A

A106E20

True RMS AC/DC Clamp-On Meter

- 3 3/4 LCD with max. reading of 3999
- True RMS Measurements (45Hz to 1KHz)
- ▲ AC/DC Current Measurement to 1000A
- ▲ AC/DC Voltage Measurement to 600V
- ▲ User Selectable ° F or ° C
- Capacitance Ranges from 40nF to 100μF

- ▲ Min/Max Hold
- Duty Cycle Test
- Diode & Continuity Test
- Relative Mode
- ▲ Auto Zero on DC Current Measurements
- ▲ Three Year Warranty

Triplett: Model 9320-A





- ▲ Resistance Measurement to 40M
- ▲ Temperature from -4° to 1472° F
- Frequency Ranges from 10Hz to 10MHz
- Measures Clamp-On Frequency (25Hz to 400Hz)

- Backlit Display
- Ergonomic Design with Tear Drop Shaped Jaw

- Auto Power Off

Series Clamp-Ons have many new features including Backlit Displays - Plus Temperature, Capacitance and Frequency on Select Models!

The New, Improved 9000

5 VAC!!!

A106ESI2 Sniff-It 2

Non-Contact, AC Voltage Detector with Adjustable Sensitivity Control

- ▲ Detects AC Voltage without making contact
- ▲ Variable Sensitivity, from 5 to 600 Volts AC
- Light flashes & beeper chirps when AC voltage is present ▲ Flashes & Beeps faster as AC voltage is approached
- Economical, Non-Contact probe is safe and simple to use

▲ Video Surveillance Camera Power

- ▲ Pocket-Sized Power Beeper Reminder
- Powered by one A23 Battery (included)
 5 Year Limited Warranty
- Uses for the Sniff-It 2:
- Tests for AC Voltage on:
- AC Motors Outlets
- Light Bulb Sockets Extension Cords
 - ▲ Telephone and Cablevision Light Switches Appliances
 - Power Tools ▲ House Trailer Siding Circuit Breakers
- Detects power line voltage: 120, 220, 480 & 600 VAC Detects control voltage: 12 & 24 VAC
- Identify "hot" side of AC receptacles
- Find and trace electrically "live" wires or objects inside walls
- Determine if metal surfaces are "live" or "ground"
- Detect presence of high voltage electric fields
- Detect "ringing" telephone lines

Many, many more Specifications

5 to 600 volts AC, 60Hz

Indicators: Audible beeper and flashing red LED Battery: 1 - A23 or 23A (12 Volts) (Included) Body Size: 5.8" (L) x 1.25" (W) x 0.8" (H)

Approx. 0.2 lb. Triplett: Model 9601 Sniff-It 2

TRIPLETT SPECIALTY TESTERS

A106PT6 ProTemp 6

Non-Contact, Infrared Thermometer

- ▲ 6:1 Measurement Ratio
- ▲ Streamlined, Ergonomically Styled Case
- ▲ Cool Blue Backlit Display
- ▲ Non-Slip Finger Treads
- ▲ Not "Gun Shaped" like competitors models
- ▲ Laser Pointer pinpoints center of measurement area
- ▲ Simple, One-Button Operation
- ▲ 0° to 605° F (-18° to 315° C)
- ▲ User Selectable ° F or ° C Display
- ▲ Holds Reading Automatically for 7 Seconds
- ▲ Auto Power Off
- ▲ Fixed Emissivity (0.95)
- Battery Level Indicator
- ▲ Operates from a standard 9 Volt Battery
- ▲ One Year Warranty

Specifications

Temperature Range: 0° to 605° F (-18° to 315° C)
Operating Temperature: 50° to 125° F (10° to 52° C)

Resolution: 1° F (1° C)

Accuracy: 77° to 500° F (25° to 260° C) \pm 2% of reading or 3° F (2° C)

plus one digit, whichever is greater

30° to 76° F (0° to 24° C) ± 3% of reading or 5° F (3° C) 0° to 29° F (-18° to -1° C) ± 4% of reading or 7° F (4° C)

Response Time: 500 mSec, 95% Response

Target Size/Field of View: 6:1 optics ratio with a 1" minimum target

Repeatability: 2% of reading, or 3° F (2° C)

Spectral Response: 7-18 um
Emissivity: Fixed at 0.95

Relative Humidity: 10-95% RH noncondensing, @ up to 86° F (30° C) Storage Temperature: -4° F to 150° F (-20° to 65° C) without battery

Battery: 1 - 9 volt Alkaline Battery
Battery Life: 12 Hours Continuous Operation

Dimensions: 7.25" x 1.75" x 1.5"

Veight: 4.8 oz.

Triplett: Model ProTemp 6

A106TDR Triplett TDR Cable Fault Finder

Cable Fault Finder

- Find Cable Length or Distance to Fault from ONE END!
- Low Cost Digital Cable Length Meter/TDR
- ▲ Built-in Tone Generator for Cable Tracing & Identification
- ▲ Simple Operation with Automatic Distance Display
- ▲ Internal Library of 39 Standard Cable Types
- ▲ Suitable for testing all types of Communication Cables ▲ Compact, Ergonomic Design, weighs less than 8 oz.
- ▲ Padded Cordura Holster included
- ▲ Three Year Warranty



Connector Type:

Power Supply:

Triplett TDR

Triplett TDR Specifications:

Approximate Range: Coaxial Cable 6400 ft Structured Wiring 2500 ft Telephone Cable 2500 ft Resolution: 1 ft < 300 ft & 3 ft > 300 ft

Cable Library: 39 Standard Cable Types
Output Impedance: 50, 75 & 100 Ohms
Velocity of Propagation: Adjustable 0 to 99%
Tone Generator: Oscillating 810 - 1110Hz
Display: Dot Matrix LCD

Battery Life:
Operating Temperature:
Storage Temperature:
Dimensions:
Weight:
Safety:
EMC:
Includes:

1 - 9 Volt Battery Appox. 2000 Tests 5 to 122 deg. F -4 to 158 deg. F 8 x 3 x 1.5 inches 8 oz. IEC61010-1, EN 60950 BS/EN 61326-1 Padded Cordura Holster, Test Lead, Adaptor w/ Alligator Clip, 9V Battery

A106FOX The Original Fox Tone Generator



- Performs a variety of tests on telephone lines
- ▲ Line powered in Tone Mode
- ▲ LED Indicator for continuity
- Supplies "Talk Power" to allow communicating between handsets (talksets) or powering a telephone
- Alligator clips and modular plug allow for connection to stripped wires, terminal panels, or a standard modular jack (single line)
- ▲ Powered by a standard 9V battery (not included)
- ▲ Works with Hound, Hound 2 or Hound 3 Probe Inductive Tracers
- One Year Warranty

Triplett: Fox

A106 Hound The Hound 3 Probe

Streamlined Inductive Tracer with Headlights and Earphone Jack

- ▲ New Headlights to help light your way in dark areas and reduce florescent light noise
 ▲ Streamlined Design allows for better access in
- Streamlined Design allows for better access hard-to-reach areas
- ▲ New Shielded Design to suppress "Feedback Squeal"
- ▲ Bandpass Filter to suppress 60Hz and Hi Frequency Noise
- ▲ Earphone Jack for use in quiet or noisy environments.
- ▲ Improved Sensitivity and Loudness
- ▲ Includes New Conductive Duck-Bill Tip for Safer, Easier Penetration in cable bundles - Metal tip also included
- Easy Access Battery Door
- Adjustable volume / sensitivity control
- ▲ LED gets brighter as the signal gets stronger
- LED indication even works when Earphones are used!
- Contains a hi-gain, hi-impedance amplifier
- ▲ Capable of identifying the Fox's tone up to 12 inches away
- Rugged, moisture resistant, mylar cone speaker
- ▲ Use with the Fox 2, Fox, TDR or WireMaster XR-2 for quick & efficient wire tracing
- Powered by a standard 9V battery (not included)
- One Year Warranty

Triplett: Hound 3

A724H3 Fox & Hound 3 Probe Kit

Includes:

- ▲ Original Fox Tone Generator
- ▲ Hound 3 Probe Inductive Tracer
- Cordura Carrying Case

Triplett: Cat No. 3397





TRIPLETT COMPACT TEST EQUIPMENT



A106D

Compact DMM with Backlit Display & Temperature Test

- ▲ 3 1/2 Digit, w/ 1999 max. reading
- ▲ Backlit Display
- ▲ AC/DC Voltage to 500V
- ▲ AC/DC Current to 10A
- ▲ Temperature Test (Probe Included)
- A Resistance to 20MΩ
- ▲ Continuity Test
- ▲ Diode Check ▲ Transistor Check
- ▲ Data Hold
- ▲ Double Insulated Case
- ▲ CAT I and II Rated
- ▲ Overload Protected
- ▲ Three Year Warranty
- ▲ Includes: Red Rubber Boot, Safety Test Leads with Screw-On Alligator Clips, Thermocouple Probe & 9 Volt Battery Triplett: Model 1101-A

A106D30

Autoranging, Pocket-Sized **DMM**

- ▲ 3 3/4 Digit, 4000 Count Display
- Auto / Manual Ranging
- ▲ AC/DC Volts to 600V
- AC/DC Current to 400mA
- Resistance to 40MΩ
- ▲ CAT II 600V Rating on Voltage Ranges
- ▲ Capacitance Test to 100µF
- ▲ Frequency Range to 10KHz
- ▲ Duty Cycle
- ▲ Diode Check
- Continuity Beeper
- Relative Mode
- ▲ Data / Range Hold
- Auto Power Off
- Low Battery Indicator

Adams

One Year Warranty Triplett: Model 2030-C.



The Model 2030-C features a protective cover with rugged hinge design which can be completely folded back, or form a stand for better viewing. The unique "Power Slot" ensures that you turn your tester off before closing the lid, therefore saving battery life! A handy wrist strap is also included.





- ▲ Economical, Compact AC Current Clamp-on
- ▲ Simple, One Button Operation
- ▲ Measures from 0 to 200 Amps AC in Two Ranges
- ▲ Large, 3 3/4 Digit, 4000 Count Display
- ▲ Autoranging
- ▲ Data Hold
- Overload Indication (@ 400A)
- Auto Power Off
- Low Battery Indication
- Powered by one 3V Battery (2 included)
- Carrying Case, Wrist Strap and Spare Battery included

Triplett

▲ 1 Year Limited Warranty

Triplett: Model 9200

A106A

The favorite Hand-Held Analog VOM in the Maintenance and Telecommunications field



Model 310

- ▲ 18 Ranges and Functions
- ▲ AC/DC Voltage to 1200V
- ▲ DC Current to 0.6A
- Resistance to 20MΩ
- ▲ Drop Resistant, High-Impact Case
- ▲ Diode Overload Protected Meter
- ▲ Fused Resistance Ranges
- ▲ Single Enclosed Range Switch
- 3 Year Warranty

Triplett: Model 310

Triplett Accesories

, taaiiio			piote
Part No.	<u>Description</u>	For Model(s)	Part No.
A106F	369 Carrying Case	310, 1101-A	10-1258
A106F369V	369-V Padded vinyl carrying case	310, 1101-A	10-2959
A106F9000	Padded vinyl carrying case	9000-series DMMs and clamp-ons	10-4289
A106FTDR	Durable cordura case, velcro closure	TDR	10-4249
A106FFOX	Durable cordura case, velcro closure	Fox & Hound Series	10-3983
A106G	42" Test Leads with attachable alligator clips		79-153
A106GDMM	48" Test Leads with attachable alligator clips	9000-series & 1101-A	79-760
A106J	1/16-amp fuse	310 (Type 6 or earlier)	3207-37
A106P	1/16-amp fuse	310 (Type 7)	3207-112
A106K	9-volt alkaline battery	9000-series, 1101-A, TDR, PT6, Fox/Hound	37-48
A106L	1.5 volt battery	310	37-21
A106M	15 volt battery	310 (Type 5 & earlier)	37-22
A106N	12 volt battery	310 (Type 6 & 7 only)	37-60
A106NSNIFF	12 volt battery, A23 size	Sniff-It (A), Sniff-It 2	37-67
A106U	0.5 Amp/250 Volt fuse	1101, 2202, 3303	3207-91
A106U1101-A	300mA / 500 V, 5 X 20 mm fuse	1101-A	3207-130



Model A106C

Comes complete with everything you need for maintenance testing including:

- ▲ Model 310
- ▲ Model 10 AC Clamp-On
- Model 101-G Line Separator
- ▲ 42" Separating Leads
- 42" Safety Test Leads
- ▲ Screw-On Alligator Clips
- ▲ Model 379 Carrying Case
- Batteries & Instruction Manual

Triplett: Model 100 (w/ Model 310 &10)

EXTECH MULTIMETERS



Adams Part #A107D (Extech Part #ET34)

Adams A107D Voltage and Continuity Tester

LED indication of AC/DC voltage to 480V in seven ranges

- ▲ Bright indicating LEDs at 12, 24, 120, 208, 240, 277 and 480
- Audible and visible continuity test up to 200kΩ
- ▲ Single pole live voltage detector
- ▲ Voltage function operates without batteries
- ▲ Cat III-600V
- ▲ Complete with 39" cable with test probe and two AAA batteries



General purpose multimeters-Model EX411 provides True RMS readings

- Easy to read large backlit display
- ▲ True RMS AC measurements (EX411)
- ▲ Type K thermometer built-in for surface or air temperature measurements
- ▲ Input fuse protection and mis-connection warnings with audible and visible signs
- ▲ Data hold freezes display reading
- ▲ Ergonomically designed to fit comfortably in your hand
- Complete with CAT III test leads, multi-position tilt stand, hanging strap, holster with test lead storage, bead wire temperature probe and 9V battery



Adams A107A Autoranging Digital Multimeter

Rugged compact design with Temperature, Frequency and Capacitance functions

- Autoranging with manual range override
- A Relative Zero, Data Hold, Auto Power Off, Range Hold
- Includes protective holster with stand, two AA batteries, test leads and temperature probe

Adams Part #A107A (Extech Part MN26)

SPECIFICATIONS 4000 Display Counts AC/DC Voltage Ranges 400mV, 4V, 40V, 400V, 600V Basic DCV Accuracy $\pm 1.0\%$ AC/DC Voltage Ranges 400 μA, 4000 μA, 40 mA, 400 mA, 10 A Resistance Ranges (W) 400, 4K, 40K, 4M, 40M Capacitance Ranges 4 nF, 40 nF, 400 nF, 4 μ F, 200 μ F 10Hz to 10MHz Frequency Temperature 0 to 1400∞F (0 to 760∞C) **Duty Cycle** 0.1% to 99.9% Diode/Continuity CatII-600V **UL** Rating Dimensions/Weight 4.8" x 2.4" x 1.6" / 9.17oz



Adams Part #A107P) (Extech Part #EX410)

Specifications			
Display Counts	2000		
True RMS	Model EX411		
AC Voltage Ranges	2V, 200V, 600V		
DC Voltage Ranges	200mV, 2V, 200V, 600V		
Basic DCV Accuracy	±0.5% (±0.3% EX411)		
AC Current Ranges	200mA, 20A		
DC Current Ranges	200 μA, 200 mA, 20 A		
Resistance Ranges (W)	200, 2000, 20k, 200k, 20M		
Temperature	-4 to 1382∞F (-20 to 750∞C)		
Duty Cycle	0.1% to 99.9%		
Diode/Continuity	Yes		
UL Rating	Cat III-600V		
Dimensions/Weight	7.4" x 3.2" x 2" / 0.75lbs		



Adams Part #A107Q (Extech Part #EX411)

EXTECH IR THERMOMETERS

Adams A107F/A107S Autoranging Multimeters + IR Thermometers

Autoranging multimeters with the convenience of a built-in IR thermometer

Common Features:

- Non-Contact infrared thermometer measures surface temperature of objects unsafe to contact or difficult to reach
- ▲ Infrared features 8:1 distance to target ratio with 0.95 fixed emissivity
- ▲ Easy to read large backlit display
- Complete with CAT III test leads, multi-position tilt stand, hanging strap, holster with test lead storage, 9V battery and Type K thermometer probe (EX470 only)







Adams Part #A107F (Extech Part #EX470)

EX470 Additional Features:

- ▲ True RMS voltage and current readings
- ▲ Built-in Type K thermometer
- ▲ Capacitance, Frequency and Duty Cycle functions

Specifications			
Model	A107S/ EX450	A107F/ EX470	
Display Counts	2000	4000	
True RMS	No	Yes	
DC Voltage Ranges	0.1mV to 600V (DC)	0.1mV to 600V	
AC Voltage Ranges	1mV to 600V (AC)	0.1mV to 600V	
Basic DCV Accuracy	±0.5%	±0.3%	
AC/DC Current Ranges	0.1mA to 20A		
Resistance Ranges (W)	0.1W to 20MW	0.1W to 40 MW	
Capacitance Ranges	_	0.01nF to 100mF	
Frequency	_	5.000Hz to 10.00MHz	
Duty Cycle	_	0.1 to 99%	
Temperature (Type K)	ı	-4 to 1382∞F (-20 to 750∞C)	
Temperature (Infrared)	-4 to 518∞F (-20 to 270∞C)		
Diode/Continuity	Yes		
UL Rating	Cat III-600V		
Dimensions/Weight	7.4" x 3.2" x 2" / 0.75lbs		

Non-Contact IR Thermometers

Provide fast, easy and accurate readings for most surface temperature measurements

- ▲ Simply point at objects being measured
- Laser point provides aim
- ▲ Ideal for measuring hot spots in electrical panels
- Automatic data hold when trigger is released
- ▲ Fixed 0.95 emissivity covers 90% of surface applications
- ▲ Complete with battery

Specifications			
Model	A107AB / IR201	A107C/ 42510	
Range	-58 to 518∞F	-58 to 1000∞F	
	(-50 to 270∞C)	(-50 to 538∞C)	
Basic Accuracy	±2.5%	±2%	
Max RPM Resolution	1	0.1<200	
Emissivity	0.95	0.95	
Field of View	6:1	8:1	
(distance to target)			
Backlit Display	No	Yes	
Battery	Two AAA	One 9V	
Dimensions	3.7" x 2" x 1"	3.2" x 1.6" x 6.3"	
Weight	2.7oz	6.4oz	



Adams Part #A107AB (Extech Part #IR201)



Adams Part #A107C (Extech Part #42510)

EXTECH AC METERS & TACHS



Adams' Part #A107l (Extech Part #38389)

Adams' A107I 600A True RMS AC/DC Clamp Meter Autoranging with Capacitance and Frequency functions

- ▲ AC/DC Current readings with resolution of 0.1A
- ▲ 1.25" jaw size accommodates conductors up to 350MCM
- ▲ Peak Hold
- ▲ Auto Power Off and Data Hold
- Complete with test leads, temperature probe, 9V battery and belt holder

	3 1 2011 107 1	110110
	Display Counts	4000
	AC Voltage Ranges	4V. 40V, 400V, 600V
	DC Voltage Ranges	400mV, 4V, 40V, 400V, 600V
	Basic DC Current Accuracy	±2.5%
	AC/DC Current Ranges/MAX Resolution	400A, 600A (0.1A)
	Resistance Ranges (W)	400, 4k, 40k, 400k, 4M, 40M
	Capacitance Ranges	40nF, 400nF, 4mF, 40mF, 100mF
	Temperature (Infrared)	-4 to 1400∞F (-20 to 760∞C)
	Diode/Continuity	Yes
3	UL Rating	Cat II-600V
	Dimensions/Weight	8" x 3.1" x 1.6" / 6.5ozs

SPECIFICATIONS

Adams' Part #A107B (Extech Part MA200)

Adams' A107B Mini Clamp-on Meter Compact size enables measurements in tight spaces

- ▲ Clamp-on measures AC current to 400 A with 0.01A resolution
- ▲ 0.9" jaw size
- ▲ Measures AC/DC Voltage up to 600V
- Measures resistance up to 400 W
- Continuity beeper and Diode Test
- Complete with test leads, two AA batteries and carrying case

Adams' A107U/A107X Mini Tachometers

For RPM and surface speed measurements

- Pocket size housing with protective finger guard
- ▲ Hold button freezes displayed readings
- 461700 Photo tachometer measures RPM without contact up to 6" distance
- 461750 Contact model measures RMP and surface speed
- Complete with 9V battery 461700 includes reflective tape and 461750 includes wheels for RPM and surface speed measurements

Specifications			
Model		A107X / 461700	A107U / 461750
Range	rpm	10 to 99,999	10 to 9,999
	feet/min	-	3 to 6560
	meters/min	-	1 to 1999.9
	yards/min	-	1 to 5000
Basic Ac	curacy	±(0.1% reading + 2 digits)	
Dimensio	ons	4.9" x 2" x 1.3" 5.9" x 2" x 1.3"	
Weight		4oz	5oz



Adams' Part #A107U (Extech Part #461750)



Adams' Part #A107X (Extech Part #461700)



Water/Temp Resistant Grease is characterized by exceptional mechanical stability, very high load-carrying ability, excellent resistance to water, oxidation and corrosion, with excellent performance in high-low temperature environments.

Our premium-quality grease features excellent pumpability and dispensing properties, and is therefore suitable for low-temperature application. *Contains no molybdenum sulfide.*

APA100CC Aerosol WTRG. 16-oz. cans, 6 cans/case only.

Silicone Spray is a clear lubricant suitable for use on all sliding and rubber surfaces. Recommended for doors, windows, rubber seals, moving cables, weather stripping, gears & sprockets.

Adams Silicone Spray eliminates squeaks, keeps rubber seals pliable, and promotes smooth movement of most rubber, plastic, and metal parts. It is non-staining and has excellent electrical resistance.

APA140CC Silicone Spray. 12-oz. cans, 6 cans/case only.

Solvent/Component Contact Cleaner is a strong degreaser formulated for general-purpose parts cleaning. Use on all metal surfaces and on oil-resistant rubber and plastic. Brush away loose oil and grease...spray Solvent onto parts to be cleaned...and wipe clean with rag or towel.

APA130CC Aerosol Solvent Parts Cleaner. 12-oz. cans, 6 cans/ case only.

Chain & Cable Lubricant is a petroleum-base product compounded with graphite and additivies to give the best possible lubrication to lift cables, pulleys, and chains. The lubricant penetrates dirt to saturate chain links and cable surfaces for maximum wear resistance and rust protection.

Graphite lubricates and prevents wear between wire rope strands long after the oil has been dispersed. Chain & Cable Lubricant also contains a rust preventative to protect against exposure to moisture. This product can increase wire rope life up to 300%.

APA180CC Chain & Cable Lubricant. 12-oz. cans, 6 cans/case only.

Guide Rail Lubricant applies a low-friction *dry lubricating film* that protects rails for extended periods against rust and corrosion. Sprayed rails do not require degreasing, a real time and labor saver. Also recommended for parts that need to be stored indefinitely, shipped overseas, or that may come into contact with salt or saltwater spray.

APA31CC Guide Rail Lubricant. 16-oz. cans, 6 cans/case only.

Heavy-Duty Penetrating Oil is a powerful penetrating catalyst that breaks through rusted joints and pipe threads with "capillary wet drilling action." It penetrates rusty, sticky, gummy, and frozen joints regardless of temperature. It displaces moisture, and even starts engines!

HD is a dissolving cleaner that lubricates while it works. It virtually pulls itself uphill, around, and into tight cavities and bearing surfaces. Use on industrial equipment to stop corrosion...on relays and other electrical equipment...business machines...elevator buffers...U-bolts, and more.

Pinpoint sprayer eliminates messy waste; works upside down and in all directions.

APA150CC Heavy-Duty Penetrating Oil. 16-oz. cans, 6 cans/case only.

Light Penetrating Oil is an excellent general-purpose lubricant for use in the shop and at the job site. Can also be used as a short-term rust inhibitor. Contains no graphite, molybdenum disulfide, etc.

APA160CC Light Penetrating Oil. 16-oz. cans, 6 cans/case only.



INDUSTRIAL ANTI-WEAR HYDRAULIC OIL

Adams Hydraulic Oil (HD32, HD46, & HD68) is designed for the lubrication and protection of industrial and mobile hydraulic equipment.

Adams Hydraulic Oil separates rapidly from water and is hydrolytically stable. It exhibits excellent oxidation, anti-friction and wear, filterability, & anti-corrosion properties.

Formulated with premium-quality paraffinic oils and proprietary additives; no barium, chlorine, lead, or silicone-type additives.

NOTE: Consult equipment operating manual for viscosity grade requirements.

Adams Hydraulic Oils meet or exceed these requirements:

- AFNOR E 48-603 BF Goodrich 0152
- Cincinnati Machine P-68, -69, -70
- Commercial Hydraulic, except PM-500-series silver-containing pumps which require R & O-containing additives
- Denison HF-1, -02, -0
 DIN 51424, Part 2
- Ford M-6IC13227 13
- General Motors LH-04-1, LH-06-1, LH-15-1
- Jeffrey No. 87 Lee Norse 100-1
- Racine, variable-volume vane pumps
- U.S. Steel 127, 136 Vickers I-286-S, M-2950-S

APO32GC HD32 Adams Hydraulic Oil, case of 4 1-gallon bottles

APO32P5G HD32 Adams Hydraulic Oil, 5-gallon pail

APO46GC HD46 Adams Hydraulic Oil, case of 4 1-gallon bottles

APO68HGC HD68 Adams Hydraulic Oil, case of 4 1-gallon bottles

RUST- AND OXIDATION-INHIBITED ELECTRIC MOTOR OIL

Adams Motor Oils (ISO#68, #100, & #150) are recommended for applications that require protection against rust and oxidation, but do not require anti-wear or extreme-pressure additives.

Use for lightly-loaded plain and anti-friction bearings, electric motors, machine tools, air compressors, and circulating systems where rust and oxidation are a concern. Also recommended as a gear oil where API GL-1 service is specified; also can be used as a non-detergent API SA motor oil.

Adams Motor Oil separates rapidly from water and is hydrolytically stable. It exhibits excellent foaming, anti-friction, filterability, and rust & corrosion protection properties. This formulation also features superior thermal and oxidative stability.

Formulated with premium-quality paraffinic oils and proprietary ashless additives. Contains no barium, chlorine, lead, or silicone-type additives.

NOTE: Consult equipment operating manual for viscosity grade requirements.

Adams Motor Oils meet or exceed the following industry requirements:

- AFNOR E 48-600 HL API Service GL-1
- Cincinnati Machine P-38, -45, -54, -55, -57, -62 (note viscosity grades)
- Denison HF-1
 DIN 51524, Part 1
 U.S. Steel 126

APO68QC ISO #68 Adams Motor Oil, case of 12 32-oz. bottles

APO68GC ISO #68 Adams Motor Oil, case of 4 1-gallon bottles

APO100QC ISO #100 Adams Motor Oil, case of 12 32-oz. btls

APO100GC ISO #100 Adams Motor Oil, case of 4 1-gallon btls

APO150GC ISO #150 Adams Motor Oil, case of 4 1-gallon btls

APO32SC ISO #32 Adams Step Chain Oil, case of 6 1-gallon bottles



Adams Worm Gear Oil. Designed for lubricating and protecting heavily-loaded industrial and automotive worm gears operating at moderate to high temperatures. Especially recommended for bronze components that cannot tolerate typical sulfur-phosphorus gear oil additives.

Highly recommended for API GL-2 Service and wherever AGMA 7 Comp., 8 Comp, or 8A Comp is specified.

Formulated with premium-quality oils and proprietary additives. Emulsifies water, resists rust and foam, and is hydrolytically stable. Special oilness additives ensure excellent lubricity and wettability. Contains no sulfur, phosphorus, barium, chlorine, or lead-type additives. Always follow manufacturer's recommendations for the worm gear drive you are servicing.

APO33GC Worm Gear Oil #680 in 1-gal. bottles, 4 gal./case only.

Adams EP Gear Oil. Extreme Pressure Industrial Gear Lubricant is designed for the lubrication and protection of industrial gears, including bevel, herringbone, planetary, and spur. Also recommended for plain and anti-friction bearings, enclosed gear units, gear reducers, and wherever an industrial extreme-pressure lubricant is specified.

Separates rapidly from water and is hydrolytically stable. Provides excellent protection from oxidation, friction, wear, extreme pressure, and corrosion. Always follow manufacturer's recommendations for the gear drive you are servicing.

Formulated from premium-quality paraffinic oils and proprietary ashless additives. Contains no barium, lead, or silicone additives.

Meets or exceeds the following:

- AGMA 9005-D94 API GL-3 Service
- Cincinnati Machine P-35, P-59, P-63, P-74, P-76-78
- David Brown DIN 51517 (3)
- General Motors LS-2 US Steel 224

APO5GC EP Gear Oil #5 in 1-gallon bottles, 4 gal./case only.

APO150GGC EP Gear Oil #150 in 1-gallon bottles, 4 gal./case only.

Adams Chain Oil is recommended for escalator and man-lift drive chains. It clings to metal surfaces to reduce heat and inhibit rust. The good general lubricity of this product reduces chain wear and extends chain life.

Promotes free movement of chain links and helps reduce chain chatter. Also helps reduce strain on drive motors and keeps components moving freely and safely.

APO60QC Adams Chain Oil #60. 32-oz. bottle, 12 quarts/case only

APO60GC Adams Chain Oil #60. 1-gallon bottle, 4 gal/case only

AP032SC Adams Chain Oil #32 1-gallon bottle, 6 gal/case only

Adams Pit Pads are the most effective, economical way to clean up nuisance oil leaks. Their thirsty fibers are specially formulated to absorb leaking or spilled oil... but they will not absorb water.

Non-flammable Pit Pads replace 50 pounds of "kitty-litter"-type products. (Each 2-1/2 oz. pad is 16" x 20" x 1/4"-thick.)

Polypropylene Pit Pads can be stored indefinitely...even in humid conditions...without affecting their oil absorbency.

Improve the appearance and safety of machine rooms and pit work areas.

A629 Pit Pads, 100 pads/bag; 16 lbs. net wt

A single 100-pad package (just 16 lbs.!) absorbs up to 25-30 gallons of oil.





Buffer Oil. For applications that require protection against rust and oxidation, but do not require anti-wear or extreme-pressure additives. Use for lightly-loaded plain and anti-friction bearings, electric motors, machine tools, air compressors, and circulating systems.

ISO #32: Used in moderate-load shock-absorbing devices. Low volatility reduces oil consumption, and prevents pressure build up.

ISO #68: For severe services where heavy continuous loading is common.

APO20GC Buffer Oil, ISO #32. 1-gallon bottle, 4 gallons/case only.

APO10GC Buffer Oil, ISO #68. 1-gallon bottle, 4 gallons/case only.

Door Closer Oil. Designed to lubricate and protect high-speed spindle bearings. Also used wherever an ISO 10 rust- and oxidation-inhibited hydraulic oil is specified.

Separates rapidly from water; hydrolytically stable. Provides excellent friction, filterability, rust and corrosion protection properties, as well as superior thermal and oxidative stability.

APO440GC Door Closer Oil. 1-gallon bottle, 4 gallons/case only.

Brake Oil. This is a high-dielectric, highly-defined oil with a very low pour point.

APO900GC Brake Oil, 1-gallon bottle, 4 gallons/case only.

Light Penetrating Oil is an excellent general-purpose aerosol lubricant for use in the shop and at the job site. Use as both a general lubricant and short-term rust inhibitor. Clean formula contains no excess graphite, molybdenum disulfide, etc.

APA160CC Light Penetrating Oil. 16-oz. aerosol can, 6 cans/case only.

Heavy-Duty Penetrating Oil is a penetrating aerosol catalyst that breaks through rusted joints and pipe threads with "capillary wet drilling action." Releases rusty, sticky, gummy, and frozen joints in any temperature. Displaces moisture...even starts engines!

APA150CC Heavy-Duty Penetrating Oil. 16-oz. aerosol can, 6 cans/case only.

Elevator Oil Refresher. This blend of plant extracts neutralizes hydraulic oil odors with its mild wintergreen fragrance. Use one quart per 50 gallons of hydraulic oil...more if necessary. Compatible with petroleum oils and additives found in hydraulic systems.

APO900QC Elevator Oil Refresher. 32-oz. bottle, 12 quarts/case

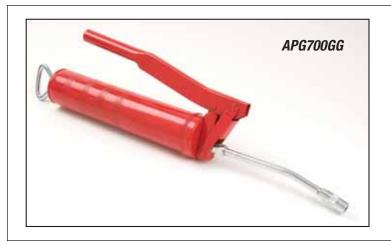
Soft Stop "Anti-Chatter" Additive. This performance-improving fluid is a special friction modifier that enhances the flow characteristics of most hydraulic systems. It can relieve the "stick-slip" problem on noisy hydraulic cylinders. Not recommended for machines with common systems for hydraulic, transmission, and braking.

APO800QC Adams Soft Stop Hydraulic Additive. 32-oz. bottle, 12 quarts/case only.

Non-Dripping Oil. This unique lubricant features ideas borrowed from several disciplines. Designed as a super penetrant and lubricant, it will not drip from chains, guides, or cables over areas where pedestrians will be concentrated.

It is non-corrosive to steel, brass, aluminum, and common plastics such as polypropylene, nylon, and PVC. Cleans contacted parts to insure proper lubrication and freedom of movement. For heavily-soiled or gummed parts, repeat applications or soaking may be necessary. Relatively high flash point and mild hazard profile.

APO50G Non-Dripping Oil. 4 gal./case.





Waterproof Grease. Our waterproof lubricating grease represents a new technology in wide-temperature, high-performance grease. In many applications, it outperforms high-temperature grease.

Contains no heavy metals, sulfur, phosphorus, chlorine, zinc, phenols, antimony, barium, or lead.

This calcium grease is designed for operation in wet or high-humidity conditions. It is suitable for lubricating bearings, bushings, rails, and open gears. Comes in 14-oz. cartridges for grease gun application.

APG702CTC Waterproof Lubricating Grease, ten 14-oz. cart./case.

APG700GG Grease gun for 14-oz. cartridges. Use w/**APG702CTC** Waterproof Lubricating Grease and **APG715CTC** All-Purpose Lubricating Grease. Order as many as you need. Grease Gun also available in Heavy Duty 10,000 psi. Order Part No. **APG700GGH.**

O-Ring Compound. Tacky material keeps O-rings in place during assembly. Apply sparingly by hand. Seal should be installed with coated side toward bottom of groove.

APG705TC O-Ring Compound, twelve 10-oz. tubes/case only.

All-Purpose Grease. Adams all-purpose grease is a lithium-based lubricating grease. It is formulated with the highest-quality base oils available, and is fortified with rust and oxidation inhibitors as well as extreme-pressure additives.

This versatile product has been manufactured to meet the multi-purpose needs of the elevator mechanic. Comes in 14-oz. cartridges for grease gun application.

APG715CTC All-Purpose Lubricating Grease, ten 14-oz. cart./case.

Wire Rope & Cable Lubricant is designed to clean, lubricate, and protect wire ropes and cables by removing dirt and reducing frictional forces. It aids in cleaning dirt, oil, and grease from surfaces. By removing accumulated dirt and oil, Wire Rope & Cable Lubricant reduces the abrasive wear among the wire rope strands.

Lubricant will not dry, and remains highly resistant to gum and varnish formation. The extremely low pour point eliminates oil coagulation at low ambient temperatures.

APG200GC Wire Rope & Cable Lubricant. 1-gal. btl, 4 gals/case.

Dash Pot Oil. Designed to lubricate and protect high-speed spindle bearings. Also used wherever an ISO 10 rust- and oxidation-inhibited hydraulic oil is specified.

Separates rapidly from water; hydrolytically stable. Provides excellent friction, filterability, rust and corrosion protection properties, as well as superior thermal & oxidative stability.

APO28BS Dash Pot Oil. 1-pint bottle.



Liquid Gasket. Brush on a replacement gasket with the built-in cap brush. Use only where operating temperature is 82°F (28°C) or less, internal pressure is less than 5 psi (35 kPa), and the gap does not exceed 0.08mm.

APC120CC Liquid Gasket, six 8-oz. cans/case only.

Cement. Our brush-on cement applies cleanly and easily with the built-in cap brush. Use on metal, rubber, plastic, glass, and wood. Apply to both surfaces to be bonded, let dry, then join.

APC130CC Contact Cement, six 8-oz. cans/case only.

Odorless Solvent/Cleaner/Degreaser. Clean, filterable fluid dissolves oil and grease from the dirtiest elevator components...with no strong odor.

Use in solvent stands or immersion tanks, or apply with brush, rags, or spray. Recycle indefinitely through a solvent reclaiming still.

APA948CC Odorless Solvent/Cleaner/Degreaser, 16-oz aerosol; 12 cans/case only.

APS948GC Odorless Solvent/Cleaner/Degreaser, 1-gallon bottle; 4 gal./case only.

APS948G5P Odorless SolventCleaner/Degreaser, 5-gallon pail.

Wypall® All-Purpose Wipers. Heavy-duty paper-fiber clean-up towels from Kimberly-Clark®. Use once, twice, three times...and toss. Low lint, high absorbency, great for jobsite clean-up chores, liquid or solid.

APC140C Heavy-Duty Wypall Shop Towels, 55/pkg., 18 bundles/case only.

Critical Task Wiper Towels. Low-abrasive paper wiping towels from Kimberly-Clark for electrical and other sensitive components that must be protected from scratches. Dispense from Kleenex®-type box.

APC150C Delicate Task Wipers, 15 boxes/case only.