

10

TOOLS & KITS

OUTILS ET TROUSSES

HERRAMIENTAS Y JUEGOS

- 164 Heat Shrink Terminal Assortment Kits
- 165 Nylon & PVC Terminal Assortment Kits
- 166 Deutsch & Weather Pack Assortment Kits
- 167 Assorted Repair Kits
- 168 Heat Shrink Tubing Assortment Kits
- 170 Copper Lug Assortment Kits
- 171 Storage Trays
- 172 Crimping, Cutting and Installations Tools

GROTE'S LINE OF TOOLS & KITS ALLOW YOU TO CHOOSE EXACTLY THE TOOLS AND THE TYPES OF PRODUCTS YOU NEED TO GET THE JOB DONE RIGHT FOR YOUR SPECIFIC NEED & APPLICATION. GROTE'S KITS OFFER A SELECTION OF THE MOST POPULAR, IN-DEMAND PRODUCTS IN COMPACT, RUGGED CASES TO KEEP ALL THE PARTS TOGETHER AND EASY TO ACCESS.

CHOOSE THE RIGHT PRODUCT AND THE RIGHT TOOLS TO GET THE BEST RESULTS!



CRIMP, SOLDER & SEAL TERMINAL & CONNECTOR

22-10 GAUGE ASSORTMENT KIT



83-6542

- Includes the most popular heat shrink crimp, solder and seal terminals and connectors
- Includes rings, butts, spades and quick disconnects
- 22-18, 16-14 and 12-10 gauges
- 12 compartment plastic box with re-order chart on the inside cover

PART #	KIT CONTENTS	QUANTITY
83-6542	Butt Connectors (40) Ring Terminals (50) Spade Terminals (10) Male Disconnects (10) Female Disconnects (10)	120

HEAT SHRINK & SOLDER TERMINAL & CONNECTOR

22-10 GAUGE ASSORTMENT KIT



83-6539

- Includes the most popular heat shrink solder and seal terminals and connectors
- Includes rings, butts, spades and quick disconnects
- 22-18, 16-14 and 12-10 gauges
- 12 compartment resealable plastic box with re-order chart on the inside cover

PART #	KIT CONTENTS	QUANTITY
83-6539	Butt Connectors (40) Ring Terminals (50) Spade Terminals (10) Male Disconnects .250" (10) Female Disconnects .250" (10)	120

HEAT SHRINKABLE TERMINAL & CONNECTORS

22-10 GAUGE ASSORTMENT KIT



83-6556

83-6503

- Includes the most popular polyolefin heat shrinkable crimp splices and terminals; 22-18, 16-14 and 12-10 gauges
- Includes rings, butts, spades and quick disconnects
- 12-compartment plastic box with re-order chart on the inside cover

PART #	KIT CONTENTS	QUANTITY
83-6503	Butt Connectors (40) Ring Terminals (50) Spade Terminals (10) Male Disconnects (10) Female Disconnects (10)	120

PART #	KIT CONTENTS	QUANTITY
83-6556	Butt Connectors (30) Ring Terminals (44) Male Disconnects (5) Female Disconnects (6) <i>* Includes Hang Tab</i>	85

22-10 GAUGE ASSORTMENT KITS

- Includes the most popular Nylon terminals and connectors
- Includes rings, butts, spades and quick disconnects
- 22-16, 16-14 and 12-10 gauges
- 12-compartment resealable plastic box with re-order chart on the inside cover

PART #	KIT CONTENTS	QUANTITY
83-6538	Butt Connectors (40) Ring Terminals (50) Spade Terminals (10) Male Disconnects .250" (10) Female Disconnects .250" (10)	120

PART #	KIT CONTENTS	QUANTITY
83-6555	Butt Connectors (24) Ring Terminals (26) Male Disconnects .250" (10) Female Disconnects .250" (10) <i>* Includes Hang Tab</i>	70

22-10 GAUGE ASSORTMENT KITS

- Kit contains 650 of the most popular automotive electrical terminals and accessories
- Assorted gauges (22-16, 16-14, 12-10) & stud sizes (#6 - 1/4")
- Matrix chart on inside lid describes piece parts, provides illustrations and details individual re-order part numbers

PART #	KIT CONTENTS	QUANTITY
83-6540	Butt Connectors (115) Ring Terminals (200) Spade Terminals (40) Male Disconnects .250" (80) Female Disconnects .250" (90) Bullet Connectors .157" (30) Bullet Receptacles .157" (30) Tap Connectors (15) Cable Ties – Black (50) Wire Terminal Crimper (1)	650

PVC

PART #	KIT CONTENTS	QUANTITY
83-6554	Butt Connectors (34) Ring Terminals (51) Male Disconnects .250" (6) Female Disconnects .250" (8) <i>* Includes Hang Tab</i>	99

NYLON TERMINAL & CONNECTOR



83-6538

83-6555

VINYL & NYLON TERMINAL & CONNECTOR



83-6540

83-6554

DEUTSCH TERMINAL & CONNECTOR

ASSORTMENT KIT



83-6549

- Perfect assortment kit for any repair or service technician or installer
- Includes 98 pieces of the most popular Deutsch, DT Series terminals and housings
- 20-16, 18-16 and 16-14 gauge terminals; 2, 3, 4, 6 and 8 way plugs/receptacles & wedge locks
- Crimping and removal tools also available
- 12 compartment resealable plastic box with re-order chart on the inside cover

83-6549

TERMINAL & CONNECTOR REPAIR KIT

WEATHER PACK



83-6536

- Kit Includes 250 assorted pieces; assorted 22-14 GA terminals; 1, 2 and 4 cavity nylon housings and 22-18 & 16-14 GA cable seals
- Sturdy plastic container keeps all the connectors in one convenient location
- Easy to use reference re-order chart included
- Use Grote OEM crimping tool 84-9449 and extractor tool 84-9450 for superior connection and repair. Tools sold separately

83-6536

TERMINAL & CONNECTOR INSTALLATION & REPAIR KIT

WEATHER PACK



83-6546

- 185 male and female weather pack OEM terminals, cable seals and plugs
- Includes an OEM ratchet style crimping tool and extractor tool for a complete repair and installation kit
- Sturdy plastic container keeps connectors in one convenient location
- Easy to use reference re-order chart included

83-6546

22-10 GAUGE

- Kit includes 208 electrical tools & components, voltage tester and test leads, assorted ring, butt, spade and quick disconnect wire terminals, terminal crimping tool, primary wire, cable ties, shrink tubing and nylon wire clamps, glass & ATO emergency fuses and a fuse puller, battery brush and miniature screwdrivers

83-6550



83-6550

AUTO ELECTRIC REPAIR KIT

22-10 GAUGE

- 37 pieces; 2 miniature screwdrivers, electrical pliers & circuit tester, Assorted wire terminals and a heavy duty terminal crimping tool

PART #	KIT CONTENTS	QUANTITY
83-2102	22-16 Ring #6 (6)	37
83-2104	22-16 Ring #10 (4)	
83-2303	16-14 Ring #6 (6)	
83-2304	16-14 Ring #10 (2)	
83-2504	12-10 Ring #10 (1)	
83-2180	22-16 Butt Splice (2)	
83-2380	16-14 Butt Splice (1)	
83-2391	16-14 Male disconnect .250 (2)	
83-2387	16-14 Female disconnect .250 (2)	
83-2334	16-14 Spade #8 (4)	
83-6510	4-way crimp tool: 8 - 1/2" (1)	

Kit also includes 6" long nose pliers, Voltage tester, Slotted screw driver (-), Phillips screw driver (+), Electrical tape UL 30'

ALL PURPOSE TERMINAL KIT (83-6530)



83-6530

22-10 GAUGE

PART #	KIT CONTENTS	QUANTITY
84-2180	22-16 Butt Connectors (5)	51
84-2380	16-14 Butt Connectors (5)	
84-2580	12-10 Butt Connectors (5)	
84-2303	16-14 Ring Terminals (5)	
84-2104	22-16 Ring Terminals (5)	
84-2304	16-14 Ring Terminals (5)	
84-2191	22-16 Male Quick Disconnect (5)	
84-2391	16-14 Male Quick Disconnect (5)	
84-2187	22-16 Female Quick Disconnect (5)	
84-2387	16-14 Female Quick Disconnect (5)	
83-6510	Wire Terminal Crimper (1)	

ECONOMY TERMINAL KIT (83-6520)



83-6520

HEAT SHRINK TUBING KIT

DUAL WALL – ADHESIVE LINED “HOT MELT”



83-6535

4:1 SHRINK RATIO

- 40, 6" black Dual Wall heat shrink pieces
- 6 compartment resealable box
- Re-order chart on inside cover

PART #	FEATURES	SIZE	QUANTITY
83-6535	84-5006	1/16" - 3/16"	12
	84-5007	3/16" - 1/4"	12
	84-5008	1/4" - 3/8"	10
	84-5009	1/2" - 5/8"	6

HEAT SHRINK TUBING KIT

DUAL WALL – FLEXIBLE, ADHESIVE LINED



83-6537

3:1 SHRINK RATIO

- 50, 6" black flexible Dual Wall heat shrink pieces
- 6 compartment resealable box
- Re-order chart on inside cover

PART #	FEATURES	SIZE	QUANTITY
83-6537	84-4015	1/8"	12
	84-4016	3/16"	12
	84-4017	1/4"	12
	84-4018	3/8"	6
	84-4019	1/2"	6
	84-4020	3/4"	2

HEAT SHRINKABLE TUBING KIT

DUAL WALL, RED/BLACK



83-6505

3:1 SHRINK RATIO

- Combination of 50, 6" Red & Black Dual Wall heat shrink pieces
- 6-compartment resealable plastic box
- Re-order chart on inside cover

PART #	FEATURES	SIZE	QUANTITY	COLOR
83-6505	84-4006	1/8"	6	Black
	84-6106	1/8"	6	Red
	84-4005	3/16"	6	Black
	84-6105	3/16"	6	Red
	84-4000	1/4"	6	Black
	84-6100	1/4"	6	Red
	84-4001	3/8"	3	Black
	84-6101	3/8"	3	Red
	84-4002	1/2"	3	Black
	84-6107	1/2"	3	Red
	84-4003	3/4"	1	Black
	84-6103	3/4"	1	Red

DUAL WALL, BLACK

3:1 SHRINK RATIO

- 50, 6" Black Dual Wall heat shrink pieces
- 6-compartment resealable plastic box
- Re-order chart on inside cover

PART #	FEATURES	SIZE	QUANTITY
83-6502	84-4006	1/8"	12
	84-4005	3/16"	12
	84-4000	1/4"	12
	84-4001	3/8"	6
	84-4002	1/2"	6
	84-4003	3/4"	2

SINGLE WALL, BLACK

2:1 SHRINK RATIO

- 50, 6", Black Single Wall heat shrink pieces
- 6-compartment resealable plastic box
- Re-order chart on inside cover

PART #	FEATURES	SIZE	QUANTITY
83-6545	84-5010	1/8"	12
	84-5011	3/16"	12
	84-5012	1/4"	8
	84-5013	3/8"	6
	84-5014	1/2"	6
	84-5015	3/4"	6

HEAT SHRINKABLE TUBING KIT



83-6502

HEAT SHRINKABLE TUBING KIT



83-6545

SOLDER SLUGS AND CONNECTOR KIT

- Kit contains 48 pieces of heat shrink tubing, solder slugs and flux
- Ideal kit for any repair garage, mechanic or installer
- Provide superior protection from corrosion
- Improves electrical connection by filling in any contact irregularities
- Color coded to industry standards
- Solder slugs melting temperature rating 182°C (361°F)

PART #	KIT CONTENTS	QUANTITY
83-6532	Solder Slug 4 GA – Gray (5)	48
	Solder Slug 2 GA – Green (5)	
	Solder Slug 1 GA – Pink (5)	
	Solder Slug 1/0 GA – Black (5)	
	Solder Slug 2/0 GA – Orange (5)	
	Solder Slug 3/0 GA – Purple (5)	
	Solder Slug 4/0 GA – Yellow (5)	
	ELA-Flux, 2 oz. Bottle (1)	
	3/4" Dual Wall Shrink Tubing 1.5", Black (2)	
	3/4" Dual Wall Shrink Tubing 1.5", Red (2)	
	1" Dual Wall Shrink Tubing 1.5", Black (2)	
	1" Dual Wall Shrink Tubing 1.5", Red (2)	
	1 1/2" Dual Wall Shrink Tubing 1.5", Black (2)	
	1 1/2" Dual Wall Shrink Tubing 1.5", Red (2)	



83-6532

TIN PLATED COPPER TUBE LUG ASSORTMENT KIT

8-3/0 GAUGE



83-6544

- Includes 76 of the most popular automotive and heavy-duty copper tube lugs
- Heavy tin plated for superior conductivity and resistance to corrosion
- Can be crimped or soldered
- Flared barrel for easy installation of cables
- 12 compartment resealable box
- Re-order chart on inside cover

83-6544 8 – 3/0 GA Copper Tube Lugs

COPPER TUBE LUG ASSORTMENT KIT

8-3/0 GAUGE



83-6543

- Includes 76 of the most popular automotive and heavy-duty copper tube lugs
- Provides superior conductivity
- Can be crimped or soldered
- Flared barrel for easy installation of cables
- 12 compartment resealable box
- Re-order chart on inside cover

83-6543 8 – 3/0 GA Copper Tube Lugs

REPAIR AND INSTALLATION KITS

ELECTRICAL CONNECTION, WIRE AND CABLE



83-6552

- Comes with quality cutting, stripping and crimping tools needed to properly repair or install electrical connections
- Electrical repair kit comes in a sturdy metal steel case with a comfort fit foam insert to protect your tools
- Economical and easy access tool kit is perfect for emergency repair and can be stored in a tool chest or under the driver seat
- Is a 'must have' for any mechanic, installer or service professional
- Use the right tool for the right job!

ELECTRICAL TERMINATION AND REPAIR KIT **83-6552**

KIT INCLUDES

- 83-6508** Flameless Heat Gun (OEM approved)
- 83-6509** Cable Tie Tension and Cutter Tool, 18-50 lbs
- 83-6515** Heavy Duty Rotary Cable Stripper/Slitter
- 83-6512** Heavy Duty Wire Stripper, Cutter, 22-10 gauge
- 83-6511** 22-10 Gauge "Ratchet Style" Terminal Crimping Tool

WIRE AND CABLE INSTALLATION AND REPAIR KIT **83-6553**

KIT INCLUDES

- 84-9088** 9" Heavy Duty Cable Cutter (up to 2/0 GA)
- 83-6509** Cable Tie Tension and Cutter Tool, 18-50 lbs
- 83-6515** Heavy Duty Rotary Cable Stripper/Slitter
- 83-6512** Heavy Duty Wire Stripper, Cutter, 22-10 gauge
- 83-6511** 22-10 Gauge "Ratchet Style" Terminal Crimping Tool



83-6553

FLEET TRAYS

- Streamline your shop inventory with fully customizable fleet/installer trays and insert labels
- Wide range of fast moving electrical connection and accessory products
- Clear and concise product labeling for easy restocking
- Fully customizable insert tray labels to accommodate existing hardware
- 12" (304mm) deep x 3" (76mm) high x 18" (457mm) wide

PART #	DESCRIPTION	PIECES
83-6650	Heat-Shrink Term Fleet Tray Assortment	245
83-6651	Crimp, Solder & Seal Fleet Tray Assortment	130
83-6652	Solder & Seal Fleet Tray Assortment	130
83-6653	Copper Lug Fleet Tray Assortment	145
83-6654	Tin-Plated Copper Lug Fleet Tray Assortment	145
83-6655	Cable Tie Fleet Tray Assortment	525
83-6656	Heat Shrink Tubing Fleet Tray Assortment	88
83-6657	Deutsch Terminal Fleet Tray Assortment	189
83-6658	Insulated Rubber Clamp Fleet Tray Assortment	64
83-6659	Fuse & Circuit Breaker Fleet Tray Assortment	553



83-6650

83-6653

83-6657



EZ-FIND
SCAN TO VIEW THE FULL
LIBRARY OF FLEET TRAY
OFFERINGS FROM GROTE

LARGE STORAGE TRAY

- Heavy duty storage tray designed to hold an array of small parts and tools
- 21 compartment large scoop box
- Prime cold rolled steel with a durable gray powder coat finish
- Boxes can be removed and transported to any job site
- Rugged plastic inserts and scoop bottoms fit neatly into steel outer shell boxes
- 12" (304mm) deep x 3" (76mm) high x 18" (457mm) wide; 8 lbs

83-6547



83-6547

HEAVY DUTY STORAGE RACKS

- Heavy duty storage racks are perfect for any garage or service vehicle
- Accommodates up to 4 large storage trays (83-6660)
- Prime cold rolled steel with a durable gray powder coat finish
- Does not include storage trays (above)
- 83-6548: 15 3/4" deep x 8 1/8" high x 20" wide; 20 lbs
- 83-6660: 15 3/4" deep x 15" high x 20" wide; 30 lbs

PART #	DESCRIPTION
83-6548	Easy Glide Slide Rack, 2 Trays
83-6660	Easy Glide Slide Rack, 4 Trays
83-6661	Base for Large Slide Rack



83-6548

83-6660

83-6661

HEAT SHRINK TERMINAL CRIMPING TOOL

RATCHET STYLE, 22-8 GAUGE



83-6519

- Ratchet style tool properly crimps Heat Shrink and Crimp Solder & Seal Terminals
- Specially designed die ensures a clean crimp that protects the Heat Shrink jacket from over-crimping
- 22-8 gauge is the largest crimp range industry wide
- Ergonomic design for easy use; a must have for any mechanic, installer or repair professional

83-6519



HEAVY DUTY HEAT SHRINK CRIMPING TOOL

22-10 GAUGE



83-6524

- Crimps heat shrink and crimp solder and seal terminals and connectors 22-10 Gauge
- Ratchet style is easy to use and provides a superior crimp
- Makes a clean crimp without damaging the conductor
- Ergonomic design for comfort
- 10" long

83-6524



HEAVY DUTY NYLON & PVC CRIMPING TOOL

22-10 GAUGE



83-6511

- Crimps 22-10 gauge PVC, Nylon and uninsulated terminals
- Sure grip vinyl handles for safety
- Ratchet style with safety release
- Ergonomic handle for ease of use

83-6511

HEAVY DUTY WIRE STRIPPER, CUTTER & CRIMPING TOOL

26-10 GAUGE



83-6512

- Crimps insulated & non-insulated terminals 22-10 Gauge
- Self-adjusting wire stripper for 26-10 Gauge wire
- Built in cutter
- Makes a clean cut and crimp without damaging the conductor
- Cushion grip for comfort
- Adjustable stopper for a clean strip every time
- 8" long

83-6512

CRIMPING TOOLS – DEUTSCH

- Economical, ratcheting tools designed to crimp solid barrel or open barrel Deutsch terminals

PART #	WIRE GAUGE	TERMINAL STYLE
83-6562	14, 16, 18	Solid Barrel
83-6563	20, 22	Solid Barrel
83-6564	14, 16, 18, 20, 24	Open Barrel (Deutsch + Weather Pack)

- OEM tools designed to crimp solid barrel Deutsch terminals

PART #	WIRE GAUGE	TERMINAL STYLE
83-6516	12, 14, 16, 18, 20	Solid Barrel – 4 Indent Crimp



83-6562

83-6563

83-6516

83-6564

REMOVAL TOOLS – DEUTSCH

- Economical tools designed to release both solid and open barrel Deutsch terminals

PART #	WIRE GAUGE	TERMINAL STYLE
83-6565	14, 16	Solid & Open Barrel; Gold Handle
83-6566	16, 18	Solid & Open Barrel; Blue Handle
83-6567*	14, 16, 18, 20, 24	Solid & Open Barrel; Gold, Blue/Red Handles



83-6567

83-6565

83-6566

WEATHER PACK & METRI PACK

- Can crimp terminals 24-14 gauge
- Heavy duty steel construction
- Ergonomic design with cushioned grips

PART #	DESCRIPTION
83-6569	For open barrel Weather Pack, Metri Pack 150 & 280 series and Molex terminals
84-9449	For open barrel Weather Pack terminals – ratchet style

OEM OPEN BARREL CRIMPING TOOL



84-9449

83-6569

22-10 GAUGE

HEAVY DUTY CRIMPING AND CUTTING TOOL

- Designed to crimp most terminals used in an automotive, marine or electrical application
- Applies a "W" crimp to 7mm and 8mm straight or 90 degree distributor terminals
- 10" long; Cuts and strips 22-10 gauge wires

83-6518



83-6518

22-10 GAUGE

ECONOMY 4-WAY CRIMPING TOOL

- 8" long; Cuts and strips primary wire 22-10 gauge sizes
- Crimps insulated and non-insulated terminals
- Sure grip vinyl handles for safety

83-6510



83-6510

9" HAND HELD CABLE CUTTER



84-9088

- Cuts cables up to 2/0 Gauge
- Ergonomic design with insulated grips
- 6 month limited warranty

84-9088

22" CABLE CUTTER



84-9090

84-9089

- Cuts cables 22 GA to 250 mcm (6/0 GA)
- 1075 Carbon steel blade, hardened for long life; can be sharpened
- 6 month limited warranty
- Made in North America

84-9089 Hand Held**84-9090** Bench Mount

CUB™ CRIMPER



84-9080

- Light-medium duty applications
- Adjustable crimp dies crimp all major lugs, connectors and splices
- Insulated grips
- One year limited warranty

OVERALL LENGTH	CONNECTOR CABLE RANGE	PART #
15"	8-1 GA	84-9080

HEXCRIMP™



84-9082

84-9085

- Medium to heavy duty applications
- Properly crimps copper, tin-plated, die cast and Magna lug splices and connectors
- Adjustable dies can crimp 8 to 4/0 GA cable range
- 26" long with insulated handles for comfort
- 2 year limited warranty
- Made in North America

84-9082 Hand Held**84-9085** Bench Mount**84-9084** Replacement Dies & Hardware (for 84-9082)

BRUTE™ HAMMER CRIMPER



84-9087

- Inexpensive, simple crimping tool
- Use with hammer or vise
- Crimps 8- 4/0 gauge connectors
- Spring loaded pin locks in "up" position for loading connector and cable
- Pin is then released to hold connector securely during crimping
- 6 month limited warranty

CONNECTOR CABLE RANGE	PART #
8-4/0 GA	84-9087

FLAMELESS HEAT GUN

- Portable, self igniting, multi function heat tool; 7 1/2" long
- Cordless & flameless; OEM approved
- Comes with an attachable heat deflector, cooling tray and replacement orifice
- The wide nozzle has a high output long life catalyst
- Ready to use in 15 seconds; adjustable heat settings
- Gas container capacity: 20 ml
- Recommended butane: Triple Refined
- Continuous Operating Temperature: 250°C to 500°C (480°F to 930°F)
- Maximum Temperature Rating: 750°C (1400°F)

83-6508

83-6508

HEAT GUN

- Two heat settings; 120 Volt, 10 AMP
- Lightweight (1 lb)
- 3-wire ground cord set
- UL and cUL listed
- Thermoplastic casing
- Minimum Temperature Rating: 260°C (500°F)
- Maximum Temperature Rating: 538°C (1000°F)

83-6501

83-6501

HANDS-FREE HEAT TOOL

- Hands-free slide lock for continuous use and instant operation
- Ergonomic handle design ensures a non-slip grip
- Removable base for table-top or hand-held use
- 60 minute continuous run time with full charge
- Gas adjustment wheel provides adjustable, long blue torch flame
- Unique shutter lever to easily extinguish ignition flame
- Instant off safety switch
- 1300°C (2500°F)

83-6525

83-6525

BUTANE POWERED MICRO TORCH

- Compact palm size is perfect for tool kits and field service kits
- Produces an adjustable, wind resistant flame with temperatures up to 1300°C / 2500°F, perfect for many microtorch applications
- Built in safety lock with improved easy to use self-ignition system
- Meets consumer products safety commission (CPSC) child safety requirements
- Powered by refillable "fuel cell" (included) with flame adjustment lever
- Built in fuel level viewing window
- Use with Master Ultratane butane for best performance
- Pinpoint flame is perfect for soldering, desoldering, heating shrinking and terminating heating, lighting and many other applications
- Patent pending

83-6500

83-6500

HEAVY DUTY OEM WIRE STRIPPING TOOL

26-8 GAUGE



83-6513

- Stripping tool with precision blades
- Self-adjusting wire stripper for 26-8 gauge wire
- Makes a clean strip without damaging the wire strands
- Cushion grip for comfort
- 8" long

83-6513

HEAVY DUTY CABLE SLITTER/STRIPPER TOOL

8-4/0 GAUGE



83-6515



- Slits & strips round battery & trailer cables
- Can strip 8 GA to 4/0 GA wire, battery and trailer cables
- Self-adjusting cutting depth
- Makes a clean strip without damaging wire strands
- Blade swivels for longitudinal/spiral cuts
- Ergonomic design

83-6515

CABLE TIE TENSION AND CUTTER "GUN STYLE" TOOL



83-6527

83-6528

- Cable tie tension & cut-off tools reduce operator fatigue/speed assembly
- Ergonomic design ideally fits the operator's hand
- Quick tension adjustability for a flush "cut-off"
- Equipped with a hook for easy hanging; Cushion grip for comfort
- Meets Military Specification MS90387-1 (83-6527), MS90387-2 (83-6528)

83-6527 For 18-50 lb Ties
83-6528 For 18-250 lb Ties

CABLE TIE TENSION AND CUTTER "TWISTER" TOOL



83-6509

- Compact tensioning tool enables cinching and cutting
- For cable ties ranging from 18lbs-50lbs tensile strength
- Twisting action leaves a clean edge to prevent chaffing of wires
- Lightweight ergonomic design
- 7" long

83-6509 For 18-50 lb Ties

SPLIT LOOM INSTALLATION TOOLS



83-6993

- Loom tool allows for easy insertion of singular or multiple wires to split loom
- Ergonomic design
- Saves valuable time, and your thumbs!

83-6990 1/4" - 7/16" Size Range
83-6991 1/2" - 5/8" Size Range
83-6992 3/4" - 7/8" Size Range
83-6993 1" - 1 1/2" Size Range



CLEANING BRUSH - 7 POLE PLUGS & SOCKETS

- Engineered to properly fit 7 pole plugs and sockets
- Removes any unwanted corrosion build up
- Easily stored in a tool box or maintenance kit
- Stainless steel bristles and heavy duty plastic housing

PART #	MATERIAL	DESCRIPTION	PLUG / SOCKET #
83-6561	Plastic	Plastic housing w/ steel bristles	7



83-6561

POST-TERMINAL BRUSH

- Corrosion-resistant self-contained brush set
- Inner bristles clean post terminals
- Conical outer bristles clean cable connectors

PART #	PACK SIZE
84-9186	1



84-9186

ULTRA-SEAL CORROSION PREVENTIVE SEALANT DISPLAY

- Prevents rust and corrosion
- Added tackifiers improve adhesion and resistance to washout
- Operating range -40°C (-40°F) to 150°C (302°F)
- Ideal for heavy-duty, automotive, agricultural, marine, industrial and recreational applications

PART #	DESCRIPTION
99170-1	Display (includes 12 - 4 oz. tubes # 99170)
99170	4 oz. Tube
99180	8 oz. Tub with applicator



99180

99170

99170-1