

**HEAT SHRINK TERMINAL KITS**  
• TROUSSES DE BORNES THERMORÉTRÉCISSABLES • JUEGOS DE TERMINALES TERMO CONTRÁCTILES

**NYLON AND PVC TERMINAL KITS** • TROUSSES DE BORNES EN NYLON ET PVC • JUEGOS DE TERMINALES DE PVC Y NYLON



83-6503

**Heat Shrinkable Crimp and Seal Terminal & Connector Assortment Kit** **22-10 gauge**

- Includes the most popular heat shrinkable crimp splices and terminals
- 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 No.	Kit Contents	Quantity
83-6503	Butt Connectors (40)	120
	Ring Terminals (50)	
	Spade Terminals (10)	
	Male Disconnects (10)	
	Female Disconnects (10)	

Part No.	Kit Contents	Quantity
83-6556	Butt Connectors (30)	85
	Ring Terminals (44)	
	Male Disconnects (5)	
	Female Disconnects (6)	
	<i>* Includes Hang Tab</i>	



83-6556

**Crimp, Solder and Seal Terminal & Connector Assortment Kit** **20-10 gauge**

- Includes the most popular heat shrink crimp, solder and seal terminals and connectors
- Includes rings, butts, spades and quick disconnects
- 20-18, 16-14 and 12-10 gauges
- 12-compartment plastic box with re-order chart on the inside cover

Part No.	Kit Contents	Quantity
83-6542	Butt Connectors (40)	120
	Ring Terminals (50)	
	Spade Terminals (10)	
	Male Disconnects (10)	
	Female Disconnects (10)	

**Heat Shrink and Solder Terminal & Connector Assortment Kit** **22-10 gauge**

- 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 re-closable plastic box with re-order chart on the inside cover

Part No.	Kit Contents	Quantity
83-6539	Butt Connectors (40)	120
	Ring Terminals (50)	
	Spade Terminals (10)	
	Male Disconnects .250" (10)	
	Female Disconnects .250" (10)	



83-6539

**Nylon Terminal & Connector Assortment Kit** **22-10 gauge**

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

Part No.	Kit Contents	Quantity
83-6538	Butt Connectors (40)	120
	Ring Terminals (50)	
	Spade Terminals (10)	
	Male Disconnects .250" (10)	
	Female Disconnects .250" (10)	

Part No.	Kit Contents	Quantity
83-6555	Butt Connectors (24)	70
	Ring Terminals (26)	
	Male Disconnects .250" (10)	
	Female Disconnects .250" (10)	
	<i>* Includes Hang Tab</i>	



83-6538



83-6555

**Vinyl and Nylon Terminal & Connector Assortment Kit** **22-10 gauge**

- Kit contains 650 of the most popular automotive electrical terminals and accessories
- Assorted gauges (22-18, 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 No.	Kit Contents	Quantity
83-6540	Butt Connectors (115)	650
	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 - Natural (50)	
	Wire Terminal Crimper (1)	

**PVC**

Part No.	Kit Contents	Quantity
83-6554	Butt Connectors (34)	99
	Ring Terminals (51)	
	Male Disconnects .250" (6)	
	Female Disconnects .250" (8)	
	<i>* Includes Hang Tab</i>	



83-6540



83-6554



**Auto Electric Repair Kit 22-10 gauge**

- Kit includes 208 electrical tools & components, voltage tester & 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

**All Purpose Terminal Kit (83-6530) 22-10 gauge**

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

Part No.	Kit Contents	Quantity
83-2102	22-18 Ring #6 (6)	37
83-2104	22-18 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	22-18 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'*

**Economy Terminal Kit (83-6520) 22-10 gauge**

Part No.	Kit Contents	Quantity
84-2180	22-18 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	22-18 Ring Terminals (5)	
84-2304	16-14 Ring Terminals (5)	
84-2191	22-18 Male Quick Disconnect (5)	
84-2391	16-14 Male Quick Disconnect (5)	
84-2187	22-18 Female Quick Disconnect (5)	
84-2387	16-14 Female Quick Disconnect (5)	
83-6510	Wire Terminal Crimper (1)	

**OEM "Weather Pack" Terminal & Connector Repair Kit**

- Kit Includes 250 assorted pieces; assorted 22-14 GA terminals; 1, 2 and 4 cavity nylon housings and 22-18 & 16-14 GA cables 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

**OEM "Weather Pack" Terminal & Connector Installation & Repair Kit**

- 185 male and female weather pack OEM terminals, cable seals and plugs
- Includes an OEM ratchet style crimping tool (84-9449) and extractor tool (84-9450) for a complete repair and installation kit
- Sturdy plastic container keeps all the connectors in one convenient location
- Easy to use reference re-order chart included

83-6546

**Electrical Connection, Wire and Cable, Repair and Installation Kits**

- 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



83-6550



83-6530



83-6520



83-6536



83-6546



83-6552



83-6553





83-6535

**Dual Wall – Adhesive Lined “Hot Melt” Heat Shrink Tubing Kit**

**4:1 Shrink Ratio**

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

Part No.	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



83-6537

**Dual Wall – Flexible, Adhesive Lined Heat Shrink Tubing Kit**

**3:1 Shrink Ratio**

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

Part No.	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



83-6505

**Dual Wall, Red/Black, Heat Shrinkable Tubing Kit**

**3:1 Shrink Ratio**

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

Part No.	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	
		1	Red	

**Dual Wall, Black, Heat Shrinkable Tubing Kit**

**3:1 Shrink Ratio**

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

Part No.	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



83-6502

**Single Wall, Black, Heat Shrinkable Tubing Kit**

**2:1 Shrink Ratio**

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

Part No.	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



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 No.	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



84-9290

**Field Repair Kit with HexCrimp™**

- Contains components (except cable) needed to build or repair 2/0 battery cables
- The carrying case is made of steel, finished in corrosion resistant baked grey enamel  
(See page 111 for kit contents listing)

**84-9290**



83-6544

**Tin Plated Copper Tube Lug Assortment Kit 8-3/0 gauge**

- 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
- 12 compartment re-closable box
- Re-order chart on inside cover

**83-6544** 8 – 3/0 GA Copper Tube Lugs



83-6543

**Copper Tube Lug Assortment Kit 8-3/0 gauge**

- Includes 76 of the most popular automotive and heavy-duty copper tube lugs
- Provides superior conductivity
- Can be crimped or soldered
- 12 compartment re-closable box
- Re-order chart on inside cover

**83-6543** 8 – 3/0 GA Copper Tube Lugs

**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 Rack**

- Heavy duty storage rack is perfect for any garage or service vehicle
- Accommodates up to 2 large storage trays (83-6547)
- Prime cold rolled steel with a durable gray powder coat finish
- 15 3/4" deep x 8 1/8" high x 20" wide; 20 lbs
- Does not include storage trays (above)

**83-6548**



83-6548

**Mobile Electrical Repair Kit**

- Enables on the spot electrical repairs and troubleshooting
- Reduces downtime due to electrical failure
- OEM approved heat shrink crimp tool; cable cutting and heat tool
- Includes a circuit tester, lamp and wire tester, heat shrink tubing, heat shrink connectors, cable ties, clamps and Ultra Seal grease

**01-9911-73**



01-9911-73



83-6519



**Heat Shrink Terminal Crimping Tool  
– Ratchet Style**

**22-8 Gauge**

- 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**

83-6524



**Heavy Duty Heat Shrink Crimping Tool**

**22-10 Gauge**

- 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**

83-6511



**Heavy Duty Nylon & PVC Crimping Tool**

**22-10 Gauge**

- 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**

83-6512



**Heavy Duty Wire Stripper, Cutter and Crimping Tool**

**26-10 Gauge**

- 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**

**Heavy Duty Crimping and Cutting Tool**

**22-10 Gauge**

- 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
- Cuts and strips 22-10 gauge wires
- 10" long

**83-6518**



83-6518

**Economy 4-Way Crimping Tool**

**22-10 Gauge**

- 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

**Heavy Duty OEM Wire Stripping Tool**

**26-8 Gauge**

- 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**



83-6513

**Heavy Duty Cable Slitter/Stripper Tool**

**8 - 4/0 Gauge**

- 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**



83-6515





84-9088

**9" Hand Held Cable Cutter**

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

**84-9088**

**22" Cable Cutter**

- 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**

- 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 No.
15"	8-1 GA	<b>84-9080</b>

**Hexcrimp™ cULus**

- 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**

- 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 No.
8-4/0 GA	<b>84-9087</b>



84-9082

84-9080

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**

**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**

**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**

**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**



83-6508



83-6501



83-6525



83-6500





83-6527

**Cable Tie Tension and Cutter "Gun Style" Tool**

- Cable tie tension and cut-off tools reduce operator fatigue and speed assembly
- Ergonomic design ideally fits the operator's hand
- Cushion grip for comfort
- Quick tension adjustability for a flush "cut-off"
- Equipped with a hook for easy hanging
- 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



83-6509

**Cable Tie Tension and Cutter "Twister" Tool**

- 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



83-6993

**Split Loom Installation Tool NEW**

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

**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



**Deutsch Connector Crimping Tools**

- For solid barrel contacts
- Crimps a wide range of contact sizes with no need to change out dies or locators
- Compact and easy-to-use

Part No.	Description	Gauge	Pack
<b>83-6516</b>	Four Indent Crimp	20-12	1
<b>83-6517</b>	Two Indent crimp	20-12	1



83-6516



83-6517

**Cleaning Brush – 7 Pole Plugs & Sockets NEW**

- 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

Plug / Socket #	Material	Description	Part #
7	Plastic	Plastic housing w/ steel bristles	<b>83-6561</b>



83-6561

**Post-Terminal Brush**

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

Part No.	Pack Size
<b>84-9186</b>	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

<b>99170-1</b>	Display (includes 12 - 4 oz. tubes # 99170)
<b>99170</b>	4 oz. Tube
<b>99180</b>	8 oz. Tub with applicator



99170-1



99170



99180