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## Blister Assortment Kits (1" x 6<sup>3</sup>/<sub>4</sub>" x 3<sup>3</sup>/<sub>4</sub>" )



**6A-E**  
AGC Glass Fuses  
1/4-30A  
Qty: 80 PCS



**6M-91**  
A.T. Blade - MIN Fuses  
with LED 5-30A  
Qty: 36 PCS



**6U-E**  
Non-Insulated Terminals  
Qty: 100 PCS



**6B-E**  
Vinyl Insulated  
Terminals  
Qty: 81 PCS



**6MF-E**  
A.T. Blade - MIN Fuses  
3-30A  
Qty: 70 PCS



**6V-E**  
Vacuum Caps  
1/8"-3/8"  
Qty: 68 PCS



**6BF-E**  
A.T. Blade - MAX Fuses  
20-80A  
Qty: 15 PCS



**6N-E**  
Heavy Duty Nylon  
Clamps 3/16"-1"  
Qty: 40 PCS



**6W-E**  
Wire Nuts  
Qty: 74 PCS



**6CS-E**  
Crimp-Solder-Seal  
Terminals  
Qty: 32 PCS



**6NI-E**  
Non-Insulated Terminals  
Qty: 100 PCS



**60601-91** **NEW!**  
A.T. Blade - MIN & Stan-  
dard Fuses 3-30A  
Qty: 80 PCS



**6F-91**  
A.T. Blade - Standard  
Fuses with LED 4-30A  
Qty: 36 PCS



**6SC-E**  
Shrink Tube Terminals  
Qty: 40 PCS



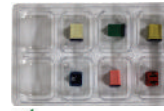
**60602-91** **NEW!**  
Push Wire® Wall-Nuts™  
Qty: 21 PCS



**6G-E**  
Grommets  
1/8"-1/2" I.D.  
Qty: 68 PCS



**6SF-E**  
A.T. Blade - Standard  
Fuses 3-30A  
Qty: 100 PCS



**60603-91** **NEW!**  
Low Profile Female Fuse  
Link Terminations  
Qty: 6 PCS



**6H-E**  
High Temperature  
Terminals  
Qty: 100 PCS



**6ST-E**  
Solder & Seal Terminals  
Qty: 40 PCS



**6LP-91**  
A.T. Blade - MIN Low  
Profile Fuses 3-30A  
Qty: 40 PCS



**6T-E**  
Vinyl Insulated Terminal  
Qty: 100 PCS



## Small Assortment Kits (1<sup>1</sup>/<sub>2</sub>" x 5" x 8<sup>1</sup>/<sub>2</sub>" )



**55-91**  
2:1 Multi-Colour Single  
Wall Shrink Tube  
Qty: 4" x 156 PCS



**57-91**  
2:1 Black Single Wall  
Shrink Tube  
Qty: 4" x 69 PCS



**20601-91** **NEW!**  
ABS Sensor Pigtail  
Repair Kit  
Qty: 26 PCS



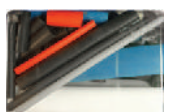
**56-91**  
2:1 Black Single Wall  
Shrink Tube  
Qty: 4" x 156 PCS



**67-91**  
3:1 Black Dual Wall  
Shrink Tube  
Qty: 4" x 37 PCS



## Miscellaneous Packs



**8398-34**  
Miscellaneous Shrink  
Tube Assortment



**8399-34**  
Miscellaneous Terminal  
Assortment



Find the contents of any kit at  
[www.picocanada.com](http://www.picocanada.com)



## Compact (PST) Parts Storage System Kits (1 3/4" x 7" x 11")



**30601-91**  
Rubber Insulated  
Clamps  
Qty: 80 PCS



**31203-91**  
Headlight Connectors  
Qty: 13 PCS



**31804-91**  
Male Fuse Links  
Qty: 18 PCS



**30602-91**  
3:1 Black Dual Wall  
Shrink Tube  
Qty: 6" x 30 PCS



**31204-91** **NEW!**  
Switches  
Qty: 12 PCS



**31805-91**  
Female Fuse Links  
Qty: 14 PCS



**30603-91**  
3:1 Black & Red Dual  
Wall Shrink Tube  
Qty: 6" x 30 PCS



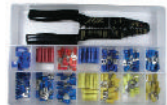
**31501-91**  
Vinyl Insulated  
Terminals & Crimp Tool  
Qty: 196 PCS



**31806-91**  
Shrink Tube Terminals  
Qty: 95 PCS



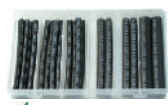
**30604-91**  
2:1 Black Single Wall  
Shrink Tube  
Qty: 6" x 75 PCS



**31502-91**  
Vinyl Insulated  
Terminals & Crimp Tool  
Qty: 196 PCS



**31807-91**  
Deutsch DT Series  
Connectors  
Qty: 76 PCS



**30606-91**  
4:1 Diesel Resistant  
Magmaflo Shrink Tube  
Qty: 6" x 22 PCS



**31503-91**  
Weather Pack  
Connectors & Tools  
Qty: 90 PCS



**31808-91**  
Appliance Terminals  
Qty: 330 PCS



**30607-91**  
4:1 Magmaflo Shrink  
Tube  
Qty: 6" x 22 PCS



**31504-91**  
Circuit Breakers & Relays  
Qty: 16 PCS



**31809-91**  
Non-Insulated Terminals  
Qty: 360 PCS



**30608-91**  
2:1 Multi-Colour Single  
Wall Shrink Tube  
Qty: 6" x 60 PCS



**31505-91** **NEW!**  
Deutsch DT Series  
Connectors & Tool  
Qty: 39 PCS



**31810-91** **NEW!**  
Illuminated Switches  
Qty: 21 PCS



**30609-91**  
Fuse Holders & Relays  
Qty: 9 PCS



**31801-91**  
Tubular Lug Rings  
Qty: 72 PCS



**33501-91** **NEW!**  
Blade & Glass Fuses  
Qty: 160 PCS



**31201-91**  
Grommets  
Qty: 160 PCS



**31802-91**  
LED Blade Fuses  
Qty: 66 PCS



**33503-91** **NEW!**  
Blade Fuses & Fuse  
Pullers  
Qty: 152 PCS



**31202-91**  
Heavy Duty Nylon  
Clamps  
Qty: 162 PCS



**31803-91**  
Vinyl Insulated  
Terminals  
Qty: 435 PCS



**33504-91** **NEW!**  
Glass Fuses, Fuse Holder  
& Fuse Puller  
Qty: 107 PCS

A complete list of empty kits can be found at [www.picoCanada.com](http://www.picoCanada.com)

## Complete Installer Fuse Centres



**32000-31** **NEW!**  
Empty Plastic Cabinet  
Qty: 1 PCS



**33001-91** **NEW!**  
Includes: 32000-31,  
30609-91, 31804-91,  
31805-91, 33503-91  
Qty: 1 Cabinet, 4 Kits



**33002-91** **NEW!**  
Includes: 32000-31,  
31804-91, 31805-91,  
33503-91  
Qty: 1 Cabinet, 3 Kits



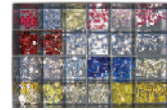
## Large (PST) Parts Storage System Kits (3" x 12½" x 18½")



**32001-91**  
Grommets  
Qty: 223 PCS



**32008-91**  
Shrink Tube Terminals,  
Non-Insulated Terminals  
& Shrink Tube  
Qty: 274 PCS



**34005-91**  
Nylon Insulated  
Terminals  
Qty: 600 PCS



**32002-91**  
OEM Connectors  
Qty: 260 PCS



**32009-91** **NEW!**  
Battery Box  
Pro Series Kit  
Qty: 54 PCS



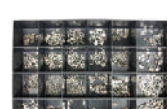
**34006-91**  
Shrink Tube Terminals  
Qty: 180 PCS



**32003-91**  
Weather Pack  
Connectors & Tools  
Qty: 173 PCS



**34001-91**  
Lug & Battery Terminals  
Qty: 90 PCS



**34008-91**  
Non-Insulated Terminals  
Qty: 600 PCS



**32004-91**  
Fuses, Fuse Holders &  
Fuse Accessories  
Qty: 135 PCS



**34003-91**  
Vinyl Insulated  
Terminals  
Qty: 600 PCS



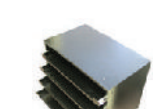
**34009-91** **NEW!**  
Solder & Seal Battery  
Terminals & Lugs  
Qty: 1 PCS



**32005-91**  
Cable Ties, Mount Pads  
& Clamps  
Qty: 620 PCS



**34004-91**  
Mini Spools - Includes:  
Primary, Speaker & Fuse  
Link Wire  
Qty: 24 Rolls



**5R2-E**  
Empty Metal Cabinet  
Qty: 1 PCS



**32007-91**  
Rubber Insulated  
Clamps  
Qty: 170 PCS



**32400-31**  
24 Compartment Empty  
Kit  
Qty: 1 PCS



**33200-31**  
32 Compartment Empty  
Kit  
Qty: 1 PCS

## Product Displays & Peg Board Hooks



**10-E**  
Compact Wire Rack  
Qty: 1 PCS



**8345-91**  
Shrink Tube Display  
2:1 & 3:1 Heat Shrink  
Qty: 4' x 58 PCS



**75001-91** **NEW!**  
Revolving Display #1  
Qty: 269 PCS



**11-31**  
Heavy Duty Wire Rack  
(Wire not included)  
Qty: 1 PCS



**7400-PK** (25 PCS)  
**7400-C** (100 PCS)  
4" Peg Board Hooks



**75002-91** **NEW!**  
Revolving Display #2  
Qty: 285 PCS



**700-91** **NEW!**  
Olfa Knife Display Stand  
Includes most popular  
knives and blades.  
Qty: 18 PCS



**7401-PK** (25 PCS)  
**7401-C** (100 PCS)  
6" Peg Board Hooks



**74003-91**  
Revolving Display #3  
Heavy Duty/Industrial  
Qty: 208 PCS



**10101-91** **NEW!**  
USB Car Charger Display  
Qty: 16 PCS



**74000-31**  
Empty Revolving  
Display  
Qty: 1 PCS

## Specialty Assortment Kits



**10601-91** **NEW!**  
Vinyl Insulated  
Terminals & Tool  
Qty: 26 PCS



**32201-91** **NEW!**  
Home & Automotive  
Electrical Repair Kit  
Qty: 238 PCS

Find the contents of any kit at  
[www.picoCanada.com](http://www.picoCanada.com)



## Colour Codes



0 = Black



1 = Blue



2 = Brown



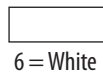
3 = Green



4 = Orange



5 = Red



6 = White



7 = Yellow



8 = Grey



9 = Purple



BLANK = Pink

## Wire & Gauge Size By Circuit Amps & Length Chart

Total Circuit Amps	Wire Gauge For Length In Feet-Total Circuit Length (Power Source To Accessory To Power Source)									
	5'	10'	15'	20'	25'	30'	40'	50'	75'	100'
12V										
1	18	18	18	18	18	18	18	18	18	18
3	18	18	18	18	18	18	18	18	14	14
5	18	18	18	18	18	18	16	14	12	12
7	18	18	18	18	16	16	14	14	10	10
10	18	18	16	16	16	16	12	12	10	10
15	18	18	14	14	12	12	12	10	8	8
20	16	16	14	14	10	10	10	10	8	6
24	14	14	12	12	10	10	10	8	6	6
30	12	12	10	10	10	10	10	6	4	4
40	10	10	10	10	8	8	6	6	4	2
50	8	8	8	8	8	8	6	6	2	2
100	4	4	4	4	4	4	4	2	1	1/0
150	2	2	2	2	2	2	2	1	2/0	2/0
200	1/0	1/0	1/0	1/0	1/0	1/0	1/0	1/0	4/0	4/0

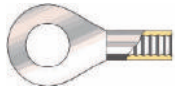
As the conductor length increases, so does resistance. For 6V systems, use 1/2 of the allowable 12V lengths. For 24V systems, use twice the allowable 12V lengths.

## Terminology

<b>AWG</b>	American Wire Gauge	<b>Polarized Plug</b>	A plug constructed to allow insertion into a receptacle only one way because one blade is wider than the other.
<b>AMP Load</b>	Total amount of amperage flowing through a conductor (wire) when it is loaded.	<b>Primary Wire</b>	Intended for low voltage applications, usually less than 50 volts. Used mainly in autos, trucks or battery operated equipment.
<b>CSA</b>	Canadian Standards Association. A non-profit membership association serving industry, government, consumers and other interested parties.	<b>PVC</b>	Polyvinyl Chloride compound used in thermoplastic cords.
<b>Circuit</b>	The path that electricity flows through a conductor.	<b>Rated Voltage</b>	Maximum voltage at which an electrical component can be operated for extended periods without causing a safety hazard or undue degradation.
<b>Compound</b>	Insulation or jacketing material of two or more ingredients.	<b>Resistance</b>	A substance that impedes the flow of current resulting in loss of power such as heat.
<b>Conductor</b>	Material (wire) that is capable of transporting an electrical charge easily. Cords can be two points, a single wire or individual wires in a cable.	<b>RoHS Compliant</b>	Restriction Of Hazardous Substances in electrical and electronic equipment.
<b>Cord</b>	An insulated wire (conductor) for conveying current.	<b>SAE</b>	Society of Automotive Engineers
<b>Current</b>	The flow of electricity through a conductor measured in amperes.	<b>Sheath</b>	Outer jacket or covering of multi-conductor cable.
<b>Direct Current (DC)</b>	An electrical current that flows in one direction. Batteries are an example of DC current production.	<b>Stranded Conductor</b>	A wire conductor comprised of a group of twisted or braided strands of wire, providing the flexibility a single strand of wire of the same gauge cannot.
<b>Diode</b>	An electrical component that passes current in one direction and blocks it in the other direction.	<b>TEW</b>	Thermoplastic Equipment Wire primarily used as wiring in machine tools, appliances, transformers, ballasts, switchboard panels and electronics.
<b>Gauge</b>	Term used to denote physical size of wire.	<b>Thermoplastic</b>	Plastic material that softens when heated and firms when cooled. Examples are polyvinyl chloride and polyethylene.
<b>Ground</b>	Electrical term referring to connecting to the earth or large conducting body to serve as earth.	<b>UL</b>	Underwriters Laboratories an independent non-profit organization that operates a listing service for electrical, electronic materials and equipment.
<b>Insulation</b>	Non-conductive material that surrounds or separates two conductive materials (wire).	<b>Volt</b>	Unit to measure electromotive force.
<b>NEMA</b>	National Electrical Manufacturers	<b>Watt</b>	Unit of electrical power defined as one amp of current driven by one volt of electromotive force.
<b>Polarity</b>	Condition by which the direction of current flow can be determined in an electrical output.		

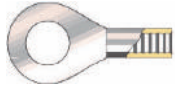


## Recognizing Terminal Types



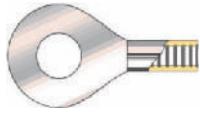
### Non-Insulated Butted Seam

Bare, butted seam - One piece, annealed, pure electrolytic copper construction with electro-tin plating for corrosion resistance. Deep internal serrations promote firm wire grip for maximum tensile strength. Maximum Temp. Rating: 75°C Maximum Voltage: 600V



### Non-Insulated Brazed Seam

Bare, brazed seam - Same high quality construction as the butted seam terminals above, except it features a brazed seam. Unique process bonds the seam to assure the maximum strength in wire termination. This feature allows for crimping anywhere on the barrel circumference. Maximum Temp. Rating: 75°C, Maximum Voltage: 600V



### High Temperature

Structural features are identical to the butted seam type above. Constructed of steel with a nickel plating. Recommended for use in ovens, motors, light fixtures and other applications where other connectors would corrode or melt. Temperature rated for use at 482°C (900°F)



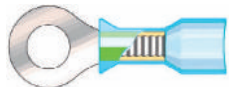
### Vinyl Insulated - Funnel Entry

Injection molded vinyl with a funnel entry - High quality butted seam construction, pre-insulated with a polyvinyl chloride (PVC) sleeve. Insulation is colour-coded to NEMA standards and flared for easy insertion of both stranded and solid wire. PVC insulation provides support for the wire to avoid flexing at the point of crimp. Maximum Temp. Rating: 75°C, Maximum Voltage: 600V



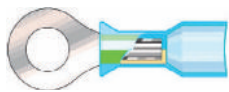
### Nylon Insulated - Funnel Entry

3 piece nylon with support sleeve. Durable, high conductivity copper construction. Butted seam with tin plated brass sleeve and NEMA colour-coded nylon insulation offers maximum barrel crimp strength for the highest quality, reliable terminations. Three piece construction protects against severe conditions, especially where extreme vibration and flexing occur.



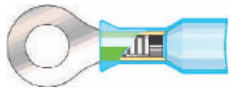
### Heat Shrink - Crimp

Moisture proof heat shrink - Long copper brazed seam barrel with clear tubing allows visual inspection. Inner wall melts to seal connection when heat is applied. Heavy duty tubing provides additional strain relief. Standard colour-coding indicated wire sizes. Material: Polyolefin heat shrink tubing fabricated over brazed seam connectors. Maximum Temp. Rating: 105°C, Tensile Strength: 220PSI, Dielectric Strength: 900V / MIL, UL Voltage Rating: 600V, Shrink Tube Specs: MIL-1-23053/4 Class 1 AMS 3634, UL File: E157227



### Heat Shrink - Solder

Heat shrink with solder - no crimp - This heat shrink tubing has an adhesive lining for a total environmental seal preventing corrosion and galvanic action. Soldering insures that no resistance or voltage drop occurs at the connection. The tubing and solder together provide a splice that is mechanically and electrically stronger than the actual wire. Maximum Temp. Rating: 105°C, Tensile Strength: 220PSI, Dielectric Strength: 900V / MIL, UL Voltage Rating: 600V, Shrink Tube Specs: MIL-1-23053/4 Class 1 AMS 3634, UL File: E157227



### Heat Shrink - Crimp & Solder

Moisture proof heat shrink crimp with solder - Features a zippered-brazed seam barrel with a window for visual inspection. A wire stop prevents over insertion and serrated inner barrel gives extra crimp strength. A low temperature solder-flux coating is pre-measured and coats the inner barrel. The translucent adhesive-lined polyolefin shrink tube provides a total environmental seal and is colour-coded and imprinted for easy wire size identification. Maximum Temp. Rating: 105°C, Tensile Strength: 220PSI, Dielectric Strength: 900V / MIL, UL Voltage Rating: 600V, Shrink Tube Specs: MIL-1-23053/4 Class 1 AMS 3634, UL File E157227

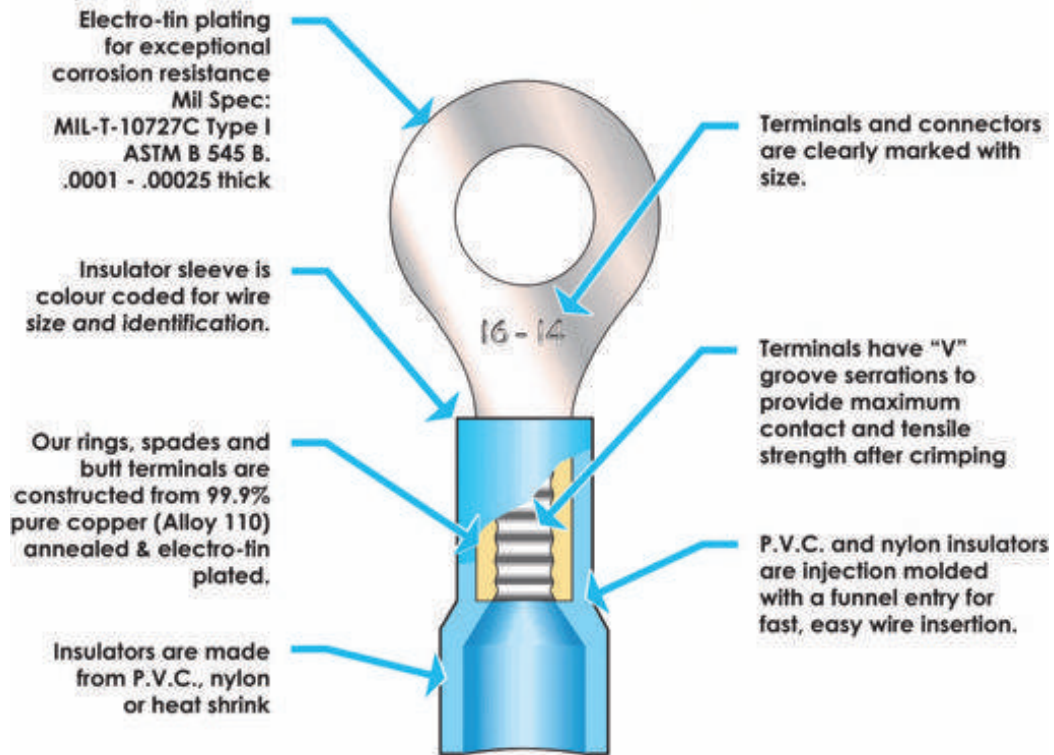


## Stud Size Chart

SAE	1/2"	7/16"	3/8"	5/16"	1/4"	#10	#8	#6	#4
Metric	M12	M11	M9-10	M8	M6	M5	M4	M3,5	M2,6



# Terminal Terminology



## 3 & 4 Way



3-Way

RoHS		Insulation	Gauge	Mini Pack	10 PC
		Vinyl	22-18 AWG	1720-BP 2 PC	1720-14
		Vinyl	16-14 AWG	1820-BP 2 PC	1820-14
		Vinyl	12-10 AWG	1920-BP 2 PC	1920-14
		Heat Shrink	16-14 AWG	5920-14 5 PC	



4-Way

RoHS		Insulation	Gauge	2 PC	10 PC
		Vinyl	22-18 AWG	1721-13	1721-14
		Vinyl	16-14 AWG	1821-BP	1821-14
		Vinyl	12-10 AWG	1921-13	1921-14

## Bullets & Receptacles



Heat Shrink Insulated Bullets

RoHS		Gauge	Diameter	5 PC	25 PC	100 PC
		16-14 AWG	.157	5958-BP	5958-15	5958-36



Heat Shrink Insulated Receptacles

RoHS		Gauge	Diameter	5 PC	25 PC	100 PC
		16-14 AWG	.157	5968-BP	5968-15	5968-36



Non-Insulated Bullets

RoHS		Gauge	Diameter	10 PC	50 PC	100 PC
		16-14 AWG	.157	2458-BP	2458-15	2458-CS



Non-Insulated Receptacles

RoHS		Gauge	Diameter	10 PC	50 PC	100 PC
		16-14 AWG	.157	2468-BP	2468-15	2468-CS



Nylon Insulated Bullets **NEW!**

RoHS		Gauge	Diameter	4 PC	50 PC	100 PC
		22-18 AWG	.157	2958-13	2958-15	2958-16
		16-14 AWG	.157	3058-13	3058-15	3058-16



Nylon Insulated Receptacles **NEW!**

RoHS		Gauge	Diameter	4 PC	50 PC	100 PC
		22-18 AWG	.157	2957-13	2957-15	2957-16
		16-14 AWG	.157	3057-13	3057-15	3057-16



Vinyl Insulated Bullets

RoHS		Gauge	Diameter	Mini Pack	50 PC	100 PC	1000 PC
		22-18 AWG	.157	1758-BP 7 PC	1758-15	1758-CS	1758-39
		16-14 AWG	.157	1858-BP 6 PC	1858-15	1858-CS	1858-39
		16-14 AWG	.180	1859-BP 6 PC	1859-15	1859-CS	
				25 PC			
		12-10 AWG	.195	1958-BP 5 PC	1958-15	1958-16	



Vinyl Insulated Receptacles

RoHS		Gauge	Diameter	Mini Pack	50 PC	100 PC	1000 PC
		22-18 AWG	.157	1168-BP 7 PC	1168-15	1168-CS	1168-39
		16-14 AWG	.157	1268-BP 6 PC	1268-15	1268-CP	1268-39
		16-14 AWG	.180	1269-BP 6 PC	1269-15	1269-CS	
				25 PC			
		12-10 AWG	.195	1368-BP 5 PC	1368-CS	1368-16	

## Piggyback Connectors



Vinyl Insulated

Injection molded vinyl with a funnel entry. High quality butted seam construction, pre-insulated with a polyvinyl chloride (PVC) sleeve. Insulation is colour-coded to NEMA standards and flared for easy insertion of both stranded and solid wire. PVC insulation provides support for the wire to avoid flexing at the point of crimp.

RoHS		Gauge	Width	5 PC	50 PC	100 PC	1000 PC
		22-18 AWG	.250	1760-BP	1760-15	1760-16	1760-39
		16-14 AWG	.250	1860-BP	1860-15	1860-CS	
		12-10 AWG	.250	1960-BP	1960-15	1960-16	

## Pin Connectors



Vinyl Insulated

Injection molded vinyl with a funnel entry. High quality butted seam construction, pre-insulated with a polyvinyl chloride (PVC) sleeve. Insulation is colour-coded to NEMA standards and flared for easy insertion of both stranded and solid wire. PVC insulation provides support for the wire to avoid flexing at the point of crimp.

RoHS		Gauge	5 PC	50 PC	100 PC	1000 PC
		22-18 AWG	1769-BP	1769-15	1769-16	1769-39
		16-14 AWG	1869-BP	1869-15	1869-CS	1869-39
		12-10 AWG	1969-BP	1969-15	1969-16	1969-39







### Crimp-Solder-Seal

Crimped for mechanical reliability. Soldered for superior strength and conductivity. Sealed for maximum durability. Meets or exceeds the most stringent OEM standards.



Gauge	5 PC	25 PC	100 PC
22-18 AWG	3500-BP	3500-CS	3500-C
16-14 AWG	3600-BP	3600-CS	3600-C
12-10 AWG	3700-BP	3700-CS	3700-C



### Heat Shrink Insulated - Nylon

Crystal clear, semi rigid adhesive lined tubing with integral solderless butt connector. Exceptional visual clarity for confirmation of seal. Inner adhesive bonds to plastics, rubbers and metals. Meets and conforms to OEM wiring specifications for installation and repairs.



Gauge	5 PC	25 PC	100 PC
22-18 AWG	5801-14	5801-15	5801-36
16-14 AWG	5901-14	5901-15	5901-36
12-10 AWG	6001-14	6001-15	6001-36

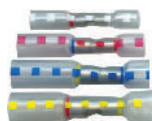


### Heat Shrink Insulated - Vinyl

Translucent, adhesive-lined polyolefin tubing allows visual inspection, prevents wire corrosion and provides a waterproof seal. Conforms to automotive manufacturers' specifications for wiring repairs, necessary for maintaining electrical warranties.



Gauge	5 PC	25 PC	100 PC	1000 PC
24-22 AWG	1000-14	1000-15	1000-16	
22-18 AWG	5800-BP	5800-CS	5800-C	5800-M
16-14 AWG	5900-BP	5900-CS	5900-C	5900-M
12-10 AWG	6000-BP	6000-CS	6000-C	6000-M
		10 PC		
8 AWG		6100-34	6100-36	6100-39



### Heat Shrink Multi-Wire

Colour dash on tubing indicates the wire gauge for the connector. Colour stripes on the connector indicate which crimp die to use. Tubing has an active adhesive that seals between multiple wires and makes a permanent watertight connection. Replaces temporary, unsealed quick taps. Applicable specifications: Chrysler MS-DB56 CPN 3686 Ford ES8-M99D56A1

Gauge	5 PC	100 PC
24-22 AWG	1010-14	
20-18 AWG	1110-14	1110-36
16-14 AWG	1210-14	1210-36
12-10 AWG	1310-14	



### High Temperature

Recommended for use in ovens, motors, light fixtures and other applications where other connectors would corrode or melt. 900°F (482°C)



Gauge	Mini Pack	50 PC	100 PC
22-18 AWG	9100-BP 8 PC	9100-15	9100-CS
16-14 AWG	9200-BP 8 PC	9200-15	9200-CS
12-10 AWG	9300-BP 5 PC	9300-15	9300-CS

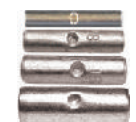


### Non-Insulated - Brazed Seam

Bare, brazed seam - Same high quality construction as the butted seam terminals, except it features a brazed seam. Unique process bonds the seam to assure the maximum strength in wire termination.



Gauge	5 PC	50 PC	100 PC	1000 PC
22-18 AWG	2600-BP	2600-15	2600-CS	2600-M
16-14 AWG	2700-BP	2700-15	2700-CS	2700-M
12-10 AWG	2800-BP	2800-15	2800-16	2800-M



### Non-Insulated - Butted Seam

Bare, butted seam - One piece, annealed, pure electrolytic copper construction with electro-tin plating for corrosion resistance. Deep internal serrations promote firm wire grip for maximum tensile strength.



Gauge	Mini Pack	50 PC	100 PC	1000 PC
26-22 AWG	1501-13 15 PC	1501-15	1501-16	1501-39
22-18 AWG	2300-BP 15 PC	2300-15	2300-CS	2300-M
16-14 AWG	2400-BP 13 PC	2400-15	2400-CS	2400-M
12-10 AWG	2500-BP 10 PC	2500-15	2500-CS	2500-M



### Non-Insulated Parallel (Single Crimp)

Stripped wires overlap each other inside connector requiring only one crimp in center of connector.



Gauge	5 PC	50 PC	100 PC	1000 PC
16-14 AWG	2701-BP	2701-15	2701-CS	2701-M
12-10 AWG	2801-BP	2801-15	2801-16	2801-M

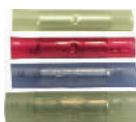


### Nylon Insulated - Funnel Entry NEW!

Butt splice involving two crimps, one over each wire. Insulated connectors provide insulations from wire to wire.



Gauge	Mini Pack	50 PC	100 PC	1000 PC
22-18 AWG	2900-13 3 PC	2900-15	2900-16	2900-39
16-14 AWG	3000-13 3 PC	3000-15	3000-16	3000-39
12-10 AWG	3100-13 2 PC	3100-15	3100-16	3100-39



### Nylon Insulated - Straigh Entry

Butt splice involving two crimps, one over each wire. Insulated connectors provide insulations from wire to wire.



Gauge	Mini Pack	50 PC	100 PC	1000 PC
26-22 AWG	1410-13 10 PC	1410-15	1410-16	1410-39
22-18 AWG	2000-BP 6 PC	2000-15	2000-CS	2000-M
16-14 AWG	2100-BP 6 PC	2100-15	2100-CS	2100-M
12-10 AWG	2200-BP 4 PC	2200-15	2200-CS	2200-M



### Self Sealing

Utilizes revolutionary anaerobic sealant technology that installs in a fraction of the time of comparable heat seal connectors. Simply strip the wire and crimp, activating the sealant to create an environmentally sealed connection. The innovative new sealant prevents the ingress of moisture & air.

Gauge	5 PC	25 PC	100 PC
22-18 AWG	1120-14	1120-15	1120-36
16-14 AWG	1220-14	1220-15	1220-36
12-10 AWG	1320-14	1320-15	1320-36



## Butt Connectors



### Solder-Shrink



Gauge	5 PC	25 PC	100 PC
24-22 AWG	<b>6600-14</b>	<b>6600-15</b>	<b>6600-36</b>
20-18 AWG	<b>6700-BP</b>	<b>6700-CS</b>	<b>6700-C</b>
16-14 AWG	<b>6800-BP</b>	<b>6800-CS</b>	<b>6800-C</b>
12-10 AWG	<b>6900-BP</b>	<b>6900-CS</b>	<b>6900-C</b>



### Step Down

Vinyl Insulated.  
Step down end is colour coded with smaller gauge coloured stripe.



Gauge	10 PC
16-14 to 22-18 AWG	<b>1100-34</b>
12-10 to 16-14 AWG	<b>1200-34</b>
8 to 12-10 AWG	<b>1300-34</b>



### Vinyl Insulated

Butt splice involving two crimps, one over each wire. Insulated connectors provide insulation from wire to wire.



Gauge	Mini Pack	50 PC	100 PC	1000 PC
22-18 AWG	<b>1700-BP</b> 10 PC	<b>1700-15</b>	<b>1700-CS</b>	<b>1700-M</b>
16-14 AWG	<b>1800-BP</b> 10 PC	<b>1800-15</b>	<b>1800-CP</b>	<b>1800-M</b>
12-10 AWG	<b>1900-BP</b> 5 PC	<b>1900-15</b>	<b>1900-CP</b>	<b>1900-M</b>



### Step Down **NEW!**

Heat Shrink Insulated. Seamless.  
Step down ends are both colour coded.



Gauge	10 PC	100 PC
20-18 to 24-22 AWG	<b>5802-14</b>	<b>5802-36</b>
16-14 to 20-18 AWG	<b>5902-14</b>	<b>5902-36</b>
12-10 to 16-14 AWG	<b>6002-14</b>	<b>6002-36</b>
8 to 12-10 AWG	<b>6102-14</b>	

## Female Flag Connectors



### High Temperature with Strain Relief

Recommended for use in ovens, motors, light fixtures and other applications where other connectors would corrode or melt. 900°F (482°C)



Gauge	Width	6 PC	50 PC	100 PC
16-14 AWG	.250	<b>9275-BP</b>	<b>9275-15</b>	<b>9275-CS</b>



### Non-Insulated with Strain Relief



Gauge	Width	5 PC	50 PC	100 PC	1000 PC
16-14 AWG	.250	<b>2775-BP</b>	<b>2775-15</b>	<b>2775-CS</b>	<b>2775-39</b>



### Non-Insulated



Gauge	Width	Mini Pack	50 PC	100 PC	1000 PC
22-18 AWG	.250	<b>2375-BP</b> 9 PC	<b>2375-15</b>	<b>2375-CS</b>	<b>2375-39</b>
16-14 AWG	.205	<b>2471-BP</b> 9 PC	<b>2471-15</b>	<b>2471-CS</b>	
16-14 AWG	.250	<b>2475-BP</b> 9 PC	<b>2475-15</b>	<b>2475-CS</b>	<b>2475-M</b>
12-10 AWG	.250	<b>2575-BP</b> 3 PC	<b>2575-15</b>	<b>2575-CS</b>	<b>2575-39</b>



### Nylon Insulated



Gauge	Width	3 PC	50 PC	100 PC	1000 PC
22-18 AWG	.250	<b>2375N-BP</b>	<b>2375N-15</b>	<b>2375N-CS</b>	<b>2375N-39</b>
16-14 AWG	.250	<b>2475N-BP</b>	<b>2475N-15</b>	<b>2475N-CS</b>	<b>2475N-39</b>

## Hook Connectors



### Vinyl Insulated

Injection molded vinyl with a funnel entry. High quality butted seam construction, pre-insulated with a polyvinyl chloride (PVC) sleeve. Insulation is colour-coded to NEMA standards and flared for easy insertion of both stranded and solid wire. PVC insulation provides support for the wire to avoid flexing at the point of crimp.



Gauge	Stud Size	Mini Pack	50 PC	100 PC
22-18 AWG	#6	<b>1743-13</b> 8 PC	<b>1743-15</b>	<b>1743-16</b>
22-18 AWG	#8	<b>1744-13</b> 8 PC	<b>1744-15</b>	<b>1744-16</b>
22-18 AWG	#10	<b>1745-13</b> 8 PC	<b>1745-15</b>	<b>1745-16</b>
16-14 AWG	#6	<b>1843-13</b> 7 PC	<b>1843-15</b>	<b>1843-CS</b>
16-14 AWG	#8	<b>1844-13</b> 7 PC	<b>1844-15</b>	<b>1844-CS</b>
16-14 AWG	#10	<b>1845-13</b> 7 PC	<b>1845-15</b>	<b>1845-CS</b>





### Crimp-Solder-Seal - Female

Crimped for mechanical reliability. Soldered for superior strength and conductivity. Sealed for maximum durability. Meets or exceeds the most stringent OEM standards.

Gauge	Width	5 PC	25 PC	100 PC
20-18 AWG	.250	3555-BP	3555-15	3555-36
16-14 AWG	.250	3655-BP	3655-15	3655-36
12-10 AWG	.250	3755-BP	3755-15	3755-36



### Crimp-Solder-Seal - Male

Crimped for mechanical reliability. Soldered for superior strength and conductivity. Sealed for maximum durability. Meets or exceeds the most stringent OEM standards.

Gauge	Width	5 PC	25 PC	100 PC
20-18 AWG	.250	3556-BP	3556-15	3556-36
16-14 AWG	.250	3656-BP	3656-15	3656-36
12-10 AWG	.250	3756-BP	3756-15	3756-36



### Crimp-Solder-Seal - Fully Insulated Female

Crimped for mechanical reliability. Soldered for superior strength and conductivity. Sealed for maximum durability. Meets or exceeds the most stringent OEM standards.

Gauge	Width	5 PC	25 PC	100 PC
16-14 AWG	.250	3665-BP	3665-15	3665-36
12-10 AWG	.250	3765-BP	3765-15	3765-36



### Heat Shrink Insulated - Female

Translucent, adhesive-lined polyolefin tubing allows visual inspection, prevents wire corrosion and provides a waterproof seal. Conforms to automotive manufacturers' specifications for wiring repairs, necessary for maintaining electrical warranties.

Gauge	Width	5 PC	25 PC	100 PC
22-18 AWG	.250	5855-BP	5855-15	5855-C
16-14 AWG	.250	5955-BP	5955-15	5955-C
12-10 AWG	.250	6055-BP	6055-15	6055-C



### Heat Shrink Insulated - Male

Translucent, adhesive-lined polyolefin tubing allows visual inspection, prevents wire corrosion and provides a waterproof seal. Conforms to automotive manufacturers' specifications for wiring repairs, necessary for maintaining electrical warranties.

Gauge	Width	5 PC	25 PC	100 PC
22-18 AWG	.250	5856-BP	5856-15	5856-C
16-14 AWG	.250	5956-BP	5956-15	5956-C
12-10 AWG	.250	6056-BP	6056-15	6056-C



### Heat Shrink Fully Insulated - Female

Translucent, adhesive-lined polyolefin tubing allows visual inspection, prevents wire corrosion and provides a waterproof seal. Conforms to automotive manufacturers' specifications for wiring repairs, necessary for maintaining electrical warranties.

Gauge	Width	5 PC	25 PC	100 PC
22-18 AWG	.250	5865-BP	5865-15	5865-C
16-14 AWG	.250	5965-BP	5965-15	5965-C
12-10 AWG	.250	6065-BP	6065-15	6065-C



### Heat Shrink Fully Insulated - Male

Translucent, adhesive-lined polyolefin tubing allows visual inspection, prevents wire corrosion and provides a waterproof seal. Conforms to automotive manufacturers' specifications for wiring repairs, necessary for maintaining electrical warranties.

Gauge	Width	5 PC	25 PC	100 PC
22-18 AWG	.250	5864-BP	5864-15	5864-36
16-14 AWG	.250	5964-BP	5964-15	5964-36
12-10 AWG	.250	6064-BP	6064-15	6064-36



### High Temperature - Female

Recommended for use in ovens, motors, light fixtures and other applications where other connectors would corrode or melt. 900°F (482°C)

Gauge	Width	Mini Pack	50 PC	100 PC	1000 PC
16-14 AWG	.250	9255-BP 7 PC	9255-15	9255-CS	9255-M
12-10 AWG	.250	9355-BP 5 PC	9355-15	9355-CS	



### High Temperature - Male

Recommended for use in ovens, motors, light fixtures and other applications where other connectors would corrode or melt. 900°F (482°C)

Gauge	Width	7 PC	50 PC	100 PC
16-14 AWG	.250	9256-BP	9256-15	9256-CS



### Non-Insulated - Female

Gauge	Width	Mini Pack	50 PC	100 PC	1000 PC
22-18 AWG	.110	2349-BP 11 PC	2349-15	2349-CS	
22-18 AWG	.250	2355-BP 11 PC	2355-15	2355-CS	2355-39
16-14 AWG	.110	2449-BP 11 PC	2449-15	2449-CS	
16-14 AWG	.187	2451-BP 11 PC	2451-15	2451-CS	
16-14 AWG	.205	2453-BP 11 PC	2453-15	2453-CS	
16-14 AWG	.250	2455-BP 11 PC	2455-15	2455-CS	2455-M
12-10 AWG	.250	2555-BP 7 PC	2555-15	2555-CS	2555-39



### Non-Insulated - Male

Gauge	Width	Mini Pack	50 PC	100 PC	1000 PC
22-18 AWG	.250	2356-BP 11 PC	2356-15	2356-CS	2356-39
16-14 AWG	.110	2450-BP 11 PC	2450-15	2450-CS	
16-14 AWG	.187	2452-BP 11 PC	2452-15	2452-CS	
16-14 AWG	.250	2456-BP 11 PC	2456-15	2456-CS	2456-39
12-10 AWG	.250	2556-BP 7 PC	2556-15	2556-CS	2556-39



## Quick Connectors

### Nylon Insulated - Female



RoHS		Gauge	Width	Mini Pack	50 PC	100 PC	1000 PC
22-18 AWG	.250	<b>2955-BP</b>	4 PC	<b>2955-15</b>	<b>2955-CS</b>	<b>2955-39</b>	
16-14 AWG	.250	<b>3055-BP</b>	4 PC	<b>3055-15</b>	<b>3055-CS</b>	<b>3055-39</b>	
12-10 AWG	.250	<b>3155-BP</b>	3 PC	<b>3155-15</b>	<b>3155-16</b>	<b>3155-39</b>	

### Nylon Insulated - Male



RoHS		Gauge	Width	Mini Pack	50 PC	100 PC	1000 PC
22-18 AWG	.250	<b>2956-BP</b>	4 PC	<b>2956-15</b>	<b>2956-CS</b>	<b>2956-39</b>	
16-14 AWG	.250	<b>3056-BP</b>	4 PC	<b>3056-15</b>	<b>3056-CS</b>	<b>3056-39</b>	
12-10 AWG	.250	<b>3156-BP</b>	3 PC	<b>3156-15</b>	<b>3156-16</b>	<b>3156-39</b>	

### Nylon Insulated Double Bump - Female



RoHS		Gauge	Width	3 PC	50 PC	100 PC	1000 PC
22-18 AWG	.250	<b>1765-BP</b>		<b>1765-15</b>	<b>1765-CP</b>	<b>1765-M</b>	
16-14 AWG	.250	<b>1865-BP</b>		<b>1865-15</b>	<b>1865-CP</b>	<b>1865-M</b>	
12-10 AWG	.250	<b>1965-BP</b>		<b>1965-15</b>	<b>1965-16</b>	<b>1965-M</b>	

### Nylon Insulated Double Bump - Male



RoHS		Gauge	Width	3 PC	50 PC	100 PC	1000 PC
22-18 AWG	.250	<b>1764-BP</b>		<b>1764-15</b>	<b>1764-CP</b>	<b>1764-M</b>	
16-14 AWG	.250	<b>1864-BP</b>		<b>1864-15</b>	<b>1864-CP</b>	<b>1864-M</b>	
12-10 AWG	.250	<b>1964-BP</b>		<b>1964-15</b>	<b>1964-16</b>	<b>1964-M</b>	

### Insulated Oval Style - Female

Vinyl / Nylon



UL RoHS		Gauge	Width	Material	Mini Pack	50 PC	100 PC	
22-18 AWG	.110			Vinyl	<b>2949-13</b>	3 PC	<b>2949-15</b>	<b>2949-16</b>
22-18 AWG	.187			Vinyl	<b>2951-13</b>	3 PC	<b>2951-15</b>	<b>2951-16</b>
22-18 AWG	.250			Nylon	<b>2968-13</b>	3 PC	<b>2968-15</b>	<b>2968-16</b>
16-14 AWG	.110			Vinyl	<b>3049-13</b>	3 PC	<b>3049-15</b>	<b>3049-16</b>
16-14 AWG	.187			Vinyl	<b>3051-13</b>	2 PC	<b>3051-15</b>	<b>3051-16</b>
16-14 AWG	.250			Nylon	<b>3068-13</b>	2 PC	<b>3068-15</b>	<b>3068-16</b>

### Nylon Insulated Single Bump - Female

Butted Seam



UL RoHS		Gauge	Width	3 PC	10 PC	100 PC	1000 PC
22-18 AWG	.250			<b>2065-13</b>	<b>2065-14</b>	<b>2065-16</b>	<b>2065-39</b>
16-14 AWG	.250			<b>2165-13</b>	<b>2165-14</b>	<b>2165-16</b>	<b>2165-39</b>
12-10 AWG	.250			<b>2265-13</b>	<b>2265-14</b>	<b>2265-16</b>	

### Nylon Insulated Single Bump - Male

Butted Seam



UL RoHS		Gauge	Width	3 PC	10 PC	100 PC	1000 PC
22-18 AWG	.250			<b>2064-13</b>	<b>2064-14</b>	<b>2064-16</b>	<b>2064-39</b>
16-14 AWG	.250			<b>2164-13</b>	<b>2164-14</b>	<b>2164-16</b>	<b>2164-39</b>
12-10 AWG	.250			<b>2264-13</b>	<b>2264-14</b>	<b>2264-16</b>	

### Nylon Insulated Single Bump - Female

Butted with Brass Sleeve



UL RoHS		Gauge	Width	2 PC	50 PC	100 PC	1000 PC
22-18 AWG	.250			<b>2965-BP</b>	<b>2965-15</b>	<b>2965-CS</b>	<b>2965-M</b>
16-14 AWG	.250			<b>3065-BP</b>	<b>3065-15</b>	<b>3065-CS</b>	<b>3065-M</b>
12-10 AWG	.250			<b>3165-BP</b>	<b>3165-15</b>	<b>3165-16</b>	<b>3165-M</b>

### Nylon Insulated Single Bump - Male

Butted with Brass Sleeve



UL RoHS		Gauge	Width	2 PC	50 PC	100 PC	1000 PC
22-18 AWG	.250			<b>2964-BP</b>	<b>2964-15</b>	<b>2964-CS</b>	<b>2964-M</b>
16-14 AWG	.250			<b>3064-BP</b>	<b>3064-15</b>	<b>3064-CS</b>	<b>3064-M</b>
12-10 AWG	.250			<b>3164-BP</b>	<b>3164-15</b>	<b>3164-16</b>	<b>3164-M</b>

### Open-End Female

Brass



RoHS		Gauge	Width	Mini Pack	50 PC	100 PC	1000 PC
16-14 AWG	.250			<b>2465-BP</b>	<b>2465-15</b>	<b>2465-CS</b>	<b>2465-39</b>
12-10 AWG	.250			<b>2565-BP</b>	<b>2565-15</b>	<b>2565-CS</b>	<b>2565-39</b>





### Solder-Shrink - Female

Translucent, adhesive lined polyolefin tubing allows visual inspection, prevents wire corrosion and provides a waterproof seal. Easy installation with pre-measured solder. A soldered electrical connection provides superior current flow and tensile strength.

Gauge	Width	5 PC	25 PC	100 PC
20-18 AWG	.250	<b>6755-BP</b>	<b>6755-15</b>	<b>6755-36</b>
16-14 AWG	.250	<b>6855-BP</b>	<b>6855-15</b>	<b>6855-36</b>
12-10 AWG	.250	<b>6955-BP</b>	<b>6955-15</b>	<b>6955-36</b>



### Solder-Shrink - Male

Translucent, adhesive lined polyolefin tubing allows visual inspection, prevents wire corrosion and provides a waterproof seal. Easy installation with pre-measured solder. A soldered electrical connection provides superior current flow and tensile strength.

Gauge	Width	5 PC	25 PC	100 PC
20-18 AWG	.250	<b>6756-BP</b>	<b>6756-15</b>	<b>6756-36</b>
16-14 AWG	.250	<b>6856-BP</b>	<b>6856-15</b>	<b>6856-36</b>
12-10 AWG	.250	<b>6956-BP</b>	<b>6956-15</b>	<b>6956-36</b>



### Solder-Shrink - Fully Insulated Female

Translucent, adhesive lined polyolefin tubing allows visual inspection, prevents wire corrosion and provides a waterproof seal. Easy installation with pre-measured solder. A soldered electrical connection provides superior current flow and tensile strength.

Gauge	Width	5 PC	25 PC	100 PC
20-18 AWG	.250	<b>6765-BP</b>	<b>6765-15</b>	<b>6765-36</b>
16-14 AWG	.250	<b>6865-BP</b>	<b>6865-15</b>	<b>6865-36</b>
12-10 AWG	.250	<b>6965-BP</b>	<b>6965-15</b>	<b>6965-36</b>



### Vinyl Insulated - Female

Injection molded vinyl with a funnel entry. High quality butted seam construction, pre-insulated with a polyvinyl chloride (PVC) sleeve. Insulation is colour-coded to NEMA standards and flared for easy insertion of both stranded and solid wire. PVC insulation provides support for the wire to avoid flexing at the point of crimp.

Gauge	Width	Mini Pack	50 PC	100 PC	1000 PC
22-18 AWG	.110	<b>1749-BP</b> 9 PC	<b>1749-15</b>	<b>1749-CS</b>	<b>1749-39</b>
	.187	<b>1751-BP</b> 9 PC	<b>1751-15</b>	<b>1751-CS</b>	<b>1751-39</b>
	.250	<b>1755-BP</b> 9 PC	<b>1755-15</b>	<b>1755-CS</b>	<b>1755-M</b>
16-14 AWG	.110	<b>1849-BP</b> 9 PC	<b>1849-15</b>	<b>1849-CS</b>	<b>1849-39</b>
	.187	<b>1851-BP</b> 9 PC	<b>1851-15</b>	<b>1851-CS</b>	<b>1851-39</b>
	.205	<b>1853-BP</b> 9 PC	<b>1853-15</b>	<b>1853-CS</b>	<b>1853-39</b>
	.250	<b>1855-BP</b> 9 PC	<b>1855-15</b>	<b>1855-CS</b>	<b>1855-M</b>
12-10 AWG	.250	<b>1955-BP</b> 6 PC	<b>1955-15</b>	<b>1955-CP</b>	<b>1955-39</b>



### Vinyl Insulated - Male

Injection molded vinyl with a funnel entry. High quality butted seam construction, pre-insulated with a polyvinyl chloride (PVC) sleeve. Insulation is colour-coded to NEMA standards and flared for easy insertion of both stranded and solid wire. PVC insulation provides support for the wire to avoid flexing at the point of crimp.

Gauge	Width	Mini Pack	50 PC	100 PC	1000 PC
22-18 AWG	.110	<b>1750-BP</b> 9 PC	<b>1750-15</b>	<b>1750-CS</b>	<b>1750-39</b>
	.187	<b>1752-BP</b> 9 PC	<b>1752-15</b>	<b>1752-CS</b>	<b>1752-39</b>
	.250	<b>1756-BP</b> 9 PC	<b>1756-15</b>	<b>1756-CS</b>	<b>1756-M</b>
16-14 AWG	.110	<b>1850-BP</b> 9 PC	<b>1850-15</b>	<b>1850-CS</b>	<b>1850-39</b>
	.187	<b>1852-BP</b> 9 PC	<b>1852-15</b>	<b>1852-CS</b>	<b>1852-39</b>
	.250	<b>1856-BP</b> 9 PC	<b>1856-15</b>	<b>1856-CS</b>	<b>1856-M</b>
	.250	<b>1956-BP</b> 6 PC	<b>1956-15</b>	<b>1956-CP</b>	<b>1956-39</b>

## Quick Connect Adapters & Receptacles



### #10 Stud to .250 Quick Connect Adapter

Converts a #10 Stud into .250 Quick Connect.

3 PC	50 PC	100 PC
<b>1596-BP</b>	<b>1596-15</b>	<b>1596-CS</b>



### .250 Side Adapter Connector

Gauge	4 PC	50 PC	100 PC
8 AWG	<b>2567-13</b>	<b>2567-15</b>	<b>2567-16</b>



### .250 Quick Connect Splitter

Converts 1- male quick connect into 2.

3 PC	50 PC	100 PC
<b>1595-BP</b>	<b>1595-15</b>	<b>1595-CS</b>



### .250 Volkswagen Open-End Piggyback

3 PC	50 PC	100 PC
<b>1597-BP</b>	<b>1597-15</b>	<b>1597-CS</b>



### .250 Side Adapter Connector

Gauge	4 PC	50 PC	100 PC
12-10 AWG	<b>2467-BP</b>	<b>2467-15</b>	<b>2467-CS</b>



### .250 Volkswagen Quick Connect Splitter

Splits 1-male tab into 2.

5 PC	50 PC	100 PC
<b>1591-BP</b>	<b>1591-15</b>	<b>1591-CS</b>



## Quick Connect Adapters & Receptacles



**.250 Volkswagen Quick Connect Splitter**  
Splits 1-male tab into 2.

	<b>5 PC</b>	<b>50 PC</b>	<b>100 PC</b>
	<b>1594-BP</b>	<b>1594-15</b>	<b>1594-CS</b>



**.375 Volkswagen Quick Connector**

	<b>Gauge</b>	<b>3 PC</b>	<b>25 PC</b>	<b>50 PC</b>	<b>100 PC</b>	<b>1000 PC</b>
	<b>12-10 AWG</b>	<b>3157-BP</b>	<b>3157-CS</b>	<b>3157-15</b>	<b>3157-16</b>	<b>3157-39</b>



**18-14 AWG Male GM Electronic Terminal Housing**  
For use with Pico No. 1589

	<b>4 PC</b>	<b>50 PC</b>	<b>100 PC</b>
	<b>1862-13</b>	<b>1862-15</b>	<b>1862-36</b>



**18-14 AWG Male GM Electronic Terminal**  
Use with Pico No. 137 / 1862  
OEM No. 2962987

	<b>2 PC</b>	<b>10 PC</b>	<b>50 PC</b>	<b>100 PC</b>
	<b>1589-BP</b>	<b>1589-14</b>	<b>1589-15</b>	<b>1589-CS</b>



**Double Male Tab Connector**  
For use with .250 Female Quick Connectors.

	<b>2 PC</b>	<b>25 PC</b>	<b>100 PC</b>
	<b>1257-13</b>	<b>1257-CS</b>	<b>1257-36</b>



**Double Plug Receptacle**  
For use with .157 Bullet Connectors.

	<b>3 PC</b>	<b>25 PC</b>	<b>100 PC</b>
	<b>1260-BP</b>	<b>1260-CS</b>	<b>1260-36</b>



**Fuse Terminal**  
GM Pack-Con III  
For use with Pico No. 945 (Page 90)

	<b>Gauge</b>	<b>2 PC</b>	<b>25 PC</b>	<b>100 PC</b>
	<b>16-14 AWG</b>	<b>1598-13</b>	<b>1598-15</b>	<b>1598-36</b>



**Parking & Tail Light Female Q/C Housing**  
For use with Pico No. 1599

	<b>4 PC</b>	<b>50 PC</b>	<b>100 PC</b>
	<b>1863-13</b>	<b>1863-15</b>	<b>1863-36</b>



**Parking & Tail Light Female Q/C**  
For use with Pico No. 1863

	<b>Gauge</b>	<b>2 PC</b>	<b>50 PC</b>	<b>100 PC</b>
	<b>16-14 AWG</b>	<b>1599-BP</b>	<b>1599-15</b>	<b>1599-CS</b>

## Ring Connectors



**Crimp-Solder-Seal**  
Crimped for mechanical reliability. Soldered for superior strength and conductivity. Sealed for maximum durability. Meets or exceeds the most stringent OEM standards.

	<b>Gauge</b>	<b>Ring Size</b>	<b>5 PC</b>	<b>25 PC</b>	<b>100 PC</b>
	<b>20-18 AWG</b>	<b>#10</b>	<b>3505-14</b>	<b>3505-15</b>	<b>3505-36</b>
	<b>16-14 AWG</b>	<b>#10</b>	<b>3605-BP</b>	<b>3605-15</b>	<b>3605-36</b>
		<b>3/8"</b>	<b>3609-BP</b>	<b>3609-15</b>	<b>3609-36</b>
	<b>12-10 AWG</b>	<b>#10</b>	<b>3705-BP</b>	<b>3705-15</b>	<b>3705-36</b>
		<b>1/4"</b>	<b>3706-BP</b>	<b>3706-15</b>	<b>3706-36</b>
		<b>3/8"</b>	<b>3709-BP</b>	<b>3709-15</b>	<b>3709-36</b>



**Flag Ring Connectors**

	<b>Gauge</b>	<b>Ring Size</b>	<b>5 PC</b>	<b>50 PC</b>	<b>100 PC</b>
	<b>16-14 AWG</b>	<b>#10</b>	<b>2416-BP</b>	<b>2416-15</b>	<b>2416-CS</b>
	<b>12-10 AWG</b>	<b>#10</b>	<b>2516-BP</b>	<b>2516-15</b>	<b>2516-16</b>



**Heat Shrink Insulated**  
Translucent, adhesive-lined polyolefin tubing allows visual inspection, prevents wire corrosion and provides a waterproof seal. Conforms to automotive manufacturers' specifications for wiring repairs, necessary for maintaining electrical warranties.

	<b>Gauge</b>	<b>Ring Size</b>	<b>5 PC</b>	<b>10 PC</b>	<b>25 PC</b>	<b>100 PC</b>
	<b>22-18 AWG</b>	<b>#6</b>	<b>5803-BP</b>		<b>5803-15</b>	<b>5803-36</b>
		<b>#8</b>	<b>5804-BP</b>		<b>5804-15</b>	<b>5804-36</b>
		<b>#10</b>	<b>5805-BP</b>		<b>5805-15</b>	<b>5805-36</b>
		<b>1/4"</b>	<b>5806-14</b>		<b>5806-15</b>	<b>5806-36</b>
		<b>3/8"</b>	<b>5809-14</b>		<b>5809-15</b>	<b>5809-36</b>
	<b>16-14 AWG</b>	<b>#6</b>	<b>5903-BP</b>		<b>5903-15</b>	<b>5903-36</b>
		<b>#8</b>	<b>5904-BP</b>		<b>5904-15</b>	<b>5904-36</b>
		<b>#10</b>	<b>5905-BP</b>		<b>5905-15</b>	<b>5905-36</b>
		<b>1/4"</b>	<b>5906-BP</b>		<b>5906-15</b>	<b>5906-36</b>
		<b>5/16"</b>	<b>5908-BP</b>		<b>5908-15</b>	<b>5908-36</b>
		<b>3/8"</b>	<b>5909-BP</b>		<b>5909-15</b>	<b>5909-36</b>
	<b>12-10 AWG</b>	<b>#8</b>	<b>6004-BP</b>		<b>6004-15</b>	<b>6004-36</b>
		<b>#10</b>	<b>6005-BP</b>		<b>6005-15</b>	<b>6005-C</b>
		<b>1/4"</b>	<b>6006-BP</b>		<b>6006-15</b>	<b>6006-C</b>
		<b>5/16"</b>	<b>6008-BP</b>		<b>6008-15</b>	<b>6008-C</b>
		<b>3/8"</b>	<b>6009-BP</b>		<b>6009-15</b>	<b>6009-C</b>
		<b>1/2"</b>	<b>6013-BP</b>		<b>6013-15</b>	<b>6013-36</b>
	<b>8 AWG</b>	<b>1/4"</b>			<b>6106-34</b>	
		<b>3/8"</b>			<b>6109-34</b>	





## High Temperature

Recommended for use in ovens, motors, light fixtures and other applications where other connectors would corrode or melt. 900°F (482°C)

Gauge	Ring Size	Mini Pack	50 PC	100 PC
22-18 AWG	#6	9103-BP 10 PC	9103-15	9103-16
	#10	9105-BP 10 PC	9105-15	9105-16
	1/4"	9106-BP 7 PC	9106-15	9106-16
16-14 AWG	#6	9203-BP 9 PC	9203-15	9203-CS
	#10	9205-BP 9 PC	9205-15	9205-CS
12-10 AWG	1/4"	9206-BP 6 PC	9206-15	9206-CS
	#6	9303-BP 6 PC	9303-15	9303-CS
	#10	9305-BP 6 PC	9305-15	9305-CS
	1/4"	9306-BP 5 PC	9306-15	9306-CS
3/8"	9309-BP 5 PC	9309-15	9309-CS	



## Non-Insulated - Brazed Seam

Gauge	Ring Size	Mini Pack	50 PC	100 PC	1000 PC
22-18 AWG	#6	2603-13 10 PC	2603-15	2603-CS	2603-39
	#8	2604-13 10 PC	2604-15	2604-CS	2604-39
	#10	2605-13 10 PC	2605-15	2605-CS	2605-39
16-14 AWG	#6	2703-BP 8 PC	2703-15	2703-CS	2703-M
	#8	2704-BP 8 PC	2704-15	2704-CS	2704-M
	#10	2705-BP 8 PC	2705-15	2705-CS	2705-M
12-10 AWG	1/4"	2706-BP 5 PC	2706-15	2706-CS	2706-39
	5/16"	2708-BP 5 PC	2708-15	2708-CS	2708-39
	3/8"	2709-BP 5 PC	2709-15	2709-CS	2709-39
	#6	2803-BP 6 PC	2803-15	2803-16	2803-39
12-10 AWG	#8	2804-BP 6 PC	2804-15	2804-16	2804-39
	#10	2805-BP 6 PC	2805-15	2805-16	2805-M
	1/4"	2806-BP 4 PC	2806-15	2806-16	2806-39
	5/16"	2808-BP 4 PC	2808-15	2808-16	2808-39
	3/8"	2809-BP 4 PC	2809-15	2809-16	2809-39
1/2"	2813-BP 3 PC	2813-15	2813-16	2813-39	



## Non-Insulated - Butted Seam

Gauge	Ring Size	Mini Pack	50 PC	100 PC	1000 PC
22-18 AWG	#6	2303-BP 16 PC	2303-15	2303-CS	2303-M
	#8	2304-BP 16 PC	2304-15	2304-CS	2304-M
	#10	2305-BP 16 PC	2305-15	2305-CS	2305-M
	1/4"	2306-BP 11 PC	2306-15	2306-CS	2306-39
	5/16"	2308-BP 11 PC	2308-15	2308-CS	2308-39
16-14 AWG	3/8"	2309-BP 11 PC	2309-15	2309-CS	2309-39
	#6	2403-BP 14 PC	2403-15	2403-CS	2403-39
	#8	2404-BP 14 PC	2404-15	2404-CS	2404-39
	#10	2405-BP 14 PC	2405-15	2405-CS	2405-M
	1/4"	2406-BP 10 PC	2406-15	2406-CS	2406-39
12-10 AWG	5/16"	2408-BP 10 PC	2408-15	2408-CS	2408-39
	3/8"	2409-BP 10 PC	2409-15	2409-CS	2409-39
	#8	2504-BP 8 PC	2504-15	2504-CS	2504-39
12-10 AWG	#10	2505-BP 8 PC	2505-15	2505-CS	2505-39
	1/4"	2506-BP 6 PC	2506-15	2506-CS	2506-39
	5/16"	2508-BP 6 PC	2508-15	2508-CS	2508-39
	3/8"	2509-BP 6 PC	2509-15	2509-CS	2509-39
	1/2"	2513-BP 5 PC	2513-15	2513-16	2513-39



## Nylon Insulated

Gauge	Ring Size	Mini Pack	50 PC	100 PC	1000 PC
26-22 AWG	#2	1401-13 9 PC	1401-15	1401-16	1401-39
	#4	1402-13 9 PC	1402-15	1402-16	1402-39
	#6	1403-13 9 PC	1403-15	1403-16	1403-39
	#8	1404-13 9 PC	1404-15	1404-16	1404-39
	#10	1405-13 9 PC	1405-15	1405-16	1405-39
22-18 AWG	#6	2903-BP 5 PC	2903-15	2903-CS	2903-39
	#8	2904-BP 5 PC	2904-15	2904-CS	2904-39
	#10	2905-BP 5 PC	2905-15	2905-CS	2905-39
	1/4"	2906-BP 4 PC	2906-15	2906-CS	2906-39
16-14 AWG	5/16"	2908-BP 4 PC	2908-15	2908-CS	2908-39
	#6	3003-BP 5 PC	3003-15	3003-CS	3003-39
	#8	3004-BP 5 PC	3004-15	3004-CS	3004-39
	#10	3005-BP 5 PC	3005-15	3005-CS	3005-39
	1/4"	3006-BP 4 PC	3006-15	3006-CS	3006-39
12-10 AWG	5/16"	3008-BP 4 PC	3008-15	3008-CS	3008-39
	3/8"	3009-BP 4 PC	3009-15	3009-CS	3009-39
	#6	3103-BP 4 PC	3103-15	3103-16	3103-39
8 AWG	#8	3104-BP 4 PC	3104-15	3104-16	3104-39
	#10	3105-BP 4 PC	3105-15	3105-16	3105-39
	1/4"	3106-BP 3 PC	3106-15	3106-16	3106-39
	5/16"	3108-BP 3 PC	3108-15	3108-16	3108-39
	3/8"	3109-BP 3 PC	3109-15	3109-16	3109-39
6 AWG	1/2"	3113-BP 3 PC	3113-15	3113-16	3113-39
	#10	4005N-12 2 PC	4005N-PK	4005N-C	10 PC
	1/4"	4006N-12 2 PC	4006N-PK	4006N-C	
	5/16"	4008N-12 2 PC	4008N-PK	4008N-C	
	3/8"	4009N-12 2 PC	4009N-PK	4009N-C	
6 AWG	1/2"	4013N-12 2 PC	4013N-PK	4013N-C	
	1/4"	4106N-12 2 PC	4106N-PK	4106N-C	
	5/16"	4108N-12 2 PC	4108N-PK	4108N-C	
6 AWG	3/8"	4109N-12 2 PC	4109N-PK	4109N-C	
	1/2"	4113N-12 2 PC	4113N-PK	4113N-C	



## Solder-Shrink

Translucent, adhesive lined polyolefin tubing allows visual inspection, prevents wire corrosion and provides a waterproof seal. Easy installation with pre-measured solder. A soldered electrical connection provides superior current flow and tensile strength.

Gauge	Ring Size	5 PC	25 PC	100 PC
20-18 AWG	#6	6703-BP	6703-15	6703-36
	#8	6704-BP	6704-15	6704-36
	#10	6705-BP	6705-15	6705-36
	1/4"	6706-BP	6706-15	6706-36
	3/8"	6709-14	6709-15	6709-36
16-14 AWG	#6	6803-14	6803-15	6803-36
	#8	6804-BP	6804-15	6804-36
	#10	6805-BP	6805-15	6805-36
12-10 AWG	1/4"	6806-BP	6806-15	6806-36
	3/8"	6809-BP	6809-15	6809-36
	1/2"	6905-BP	6905-15	6905-36
12-10 AWG	1/4"	6906-BP	6906-15	6906-36
	3/8"	6909-BP	6909-15	6909-36
	1/2"	6913-BP	6913-15	6913-36



## Ring Connectors



### Vinyl Insulated

Injection molded vinyl with a funnel entry. High quality butted seam construction, pre-insulated with a polyvinyl chloride (PVC) sleeve. Insulation is colour-coded to NEMA standards and flared for easy insertion of both stranded and solid wire. PVC insulation provides support for the wire to avoid flexing at the point of crimp.

Gauge	Ring Size	Mini Pack	50 PC	100 PC	1000 PC
22-18 AWG	#4	1702-BP 9 PC	1702-15	1702-CS	1702-39
	#6	1703-BP 9 PC	1703-15	1703-CS	1703-M
	#8	1704-BP 9 PC	1704-15	1704-CS	1704-39
	#10	1705-BP 9 PC	1705-15	1705-CS	1705-M
	1/4"	1706-BP 7 PC	1706-15	1706-CS	1706-M
16-14 AWG	5/16"	1708-BP 7 PC	1708-15	1708-CS	1708-39
	3/8"	1709-BP 7 PC	1709-15	1709-CS	1709-39
	#6	1803-BP 9 PC	1803-15	1803-CS	1803-M
	#8	1804-BP 9 PC	1804-15	1804-CS	1804-M
12-10 AWG	#10	1805-BP 9 PC	1805-15	1805-CS	1805-M
	1/4"	1806-BP 7 PC	1806-15	1806-CP	1806-39
	5/16"	1808-BP 7 PC	1808-15	1808-CP	1808-39
	3/8"	1809-BP 7 PC	1809-15	1809-CP	1809-39
	#6	1903-BP 7 PC	1903-15	1903-CP	1903-39
	#8	1904-BP 7 PC	1904-15	1904-CP	1904-39
	#10	1905-BP 7 PC	1905-15	1905-CP	1905-M
	1/4"	1906-BP 5 PC	1906-15	1906-CP	1906-39
	5/16"	1908-BP 5 PC	1908-15	1908-CP	1908-39
	3/8"	1909-BP 5 PC	1909-15	1909-CP	1909-39
	1/2"	1913-BP 4 PC	1913-15	1913-16	

## Spade Connectors



### Crimp-Solder-Seal

The forked tongue permits convenient assembly and disassembly without complete removal of the connection screw.

Gauge	Stud Size	5 PC	25 PC	100 PC
20-18 AWG	#10	3525-BP	3525-15	3525-36
16-14 AWG	#10	3625-BP	3625-15	3625-36
12-10 AWG	#10	3725-BP	3725-15	3725-36



### Flanged - Non-Insulated

The forked tongue permits convenient assembly and disassembly without complete removal of the connection screw.

Gauge	Stud Size	12 PC	50 PC	100 PC
22-18 AWG	#6	2333-13	2333-15	2333-16
	#8	2334-13	2334-15	2334-16
	#10	2335-13	2335-15	2335-16
16-14 AWG	#6	2433-13	2433-15	2433-16
	#8	2434-13	2434-15	2434-16
	#10	2435-13	2435-15	2435-16



### Flanged - Nylon Insulated

The forked tongue permits convenient assembly and disassembly without complete removal of the connection screw.

Gauge	Stud Size	4 PC	50 PC	100 PC	1000 PC
22-18 AWG	#6	2933-13	2933-15	2933-CS	
	#8	2934-13	2934-15	2934-16	2934-39
	#10	2935-13	2935-15	2935-16	2935-39
16-14 AWG	#6	3033-13	3033-15	3033-CS	3033-39
	#8	3034-13	3034-15	3034-CS	3034-39
	#10	3035-13	3035-15	3035-CS	3035-39



### Flanged - Vinyl Insulated

The forked tongue permits convenient assembly and disassembly without complete removal of the connection screw.

Gauge	Stud Size	Mini Pack	50 PC	100 PC	1000 PC
22-18 AWG	#6	1733-BP 7 PC	1733-15	1733-CS	1733-39
	#8	1734-BP 7 PC	1734-15	1734-CS	1734-39
	#10	1735-BP 7 PC	1735-15	1735-CS	1735-39
16-14 AWG	#6	1833-BP 7 PC	1833-15	1833-CS	1833-39
	#8	1834-BP 7 PC	1834-15	1834-CS	1834-39
	#10	1835-BP 7 PC	1835-15	1835-CS	1835-39
12-10 AWG	#6	1933-13 5 PC	1933-15	1933-16	1933-39
	#8	1934-13 5 PC	1934-15	1934-16	1934-39
	#10	1935-13 5 PC	1935-15	1935-16	1935-39







### Heat Shrink Insulated

The forked tongue permits convenient assembly and disassembly without complete removal of the connection screw.



Gauge	Stud Size	5 PC	25 PC	100 PC
22-18 AWG	#6	<b>5823-14</b>	<b>5823-15</b>	<b>5823-36</b>
	#8	<b>5824-14</b>	<b>5824-15</b>	<b>5824-36</b>
	#10	<b>5825-BP</b>	<b>5825-15</b>	<b>5825-C</b>
16-14 AWG	#6	<b>5923-14</b>	<b>5923-15</b>	<b>5923-36</b>
	#8	<b>5924-14</b>	<b>5924-15</b>	<b>5924-36</b>
	#10	<b>5925-BP</b>	<b>5925-15</b>	<b>5925-C</b>
12-10 AWG	#10	<b>6025-BP</b>	<b>6025-15</b>	<b>6025-36</b>



### High Temperature

Recommended for use in ovens, motors, light fixtures and other applications where other connectors would corrode or melt. The forked tongue permits convenient assembly and disassembly without complete removal of the connection screw. 900°F (482°C)



Gauge	Stud Size	Mini Pack	50 PC	100 PC
22-18 AWG	#10	<b>9125-BP 8 PC</b>	<b>9125-15</b>	<b>9125-16</b>
16-14 AWG	#10	<b>9225-BP 8 PC</b>	<b>9225-15</b>	<b>9225-CS</b>
12-10 AWG	#10	<b>9325-BP 6 PC</b>	<b>9325-15</b>	<b>9325-CS</b>



### Locking

The forked tongue permits convenient assembly and disassembly without complete removal of the connection screw.



Gauge	Stud Size	Mini Pack	50 PC	100 PC	1000 PC
22-18 AWG	#6	<b>1727-BP 9 PC</b>	<b>1727-15</b>	<b>1727-CS</b>	<b>1727-39</b>
	#8	<b>1728-BP 9 PC</b>	<b>1728-15</b>	<b>1728-CS</b>	<b>1728-39</b>
	#10	<b>1729-13 9 PC</b>	<b>1729-15</b>	<b>1729-16</b>	<b>1729-39</b>
16-14 AWG	#6	<b>1827-BP 8 PC</b>	<b>1827-15</b>	<b>1827-CS</b>	<b>1827-39</b>
	#8	<b>1828-BP 8 PC</b>	<b>1828-15</b>	<b>1828-CS</b>	<b>1828-39</b>
	#10	<b>1829-BP 7 PC</b>	<b>1829-15</b>	<b>1829-CS</b>	<b>1829-39</b>



### Non-Insulated - Brazed Seam

The forked tongue permits convenient assembly and disassembly without complete removal of the connection screw.



Gauge	Stud Size	Mini Pack	50 PC	100 PC
26-22 AWG	#4			<b>1422-16</b>
16-14 AWG	#6	<b>2723-13 5 PC</b>	<b>2723-15</b>	<b>2723-CS</b>
	#8	<b>2724-13 5 PC</b>	<b>2724-15</b>	<b>2724-CS</b>
	#10	<b>2725-13 5 PC</b>	<b>2725-15</b>	<b>2725-CS</b>
12-10 AWG	#6	<b>2823-13 4 PC</b>	<b>2823-15</b>	<b>2823-16</b>
	#8	<b>2824-13 4 PC</b>	<b>2824-15</b>	<b>2824-16</b>
	#10	<b>2825-13 4 PC</b>	<b>2825-15</b>	<b>2825-16</b>



### Non-Insulated - Butted Seam

The forked tongue permits convenient assembly and disassembly without complete removal of the connection screw.



Gauge	Stud Size	5 PC	50 PC	100 PC	1000 PC
22-18 AWG	#6	<b>2323-13</b>	<b>2323-15</b>	<b>2323-16</b>	
	#8	<b>2324-BP</b>	<b>2324-15</b>	<b>2324-CS</b>	
	#10	<b>2325-BP</b>	<b>2325-15</b>	<b>2325-CS</b>	
16-14 AWG	#6	<b>2423-13</b>	<b>2423-15</b>	<b>2423-16</b>	
	#8	<b>2424-13</b>	<b>2424-15</b>	<b>2424-CS</b>	
	#10	<b>2425-13</b>	<b>2425-15</b>	<b>2425-CS</b>	
12-10 AWG	#8	<b>2524-13</b>	<b>2524-15</b>	<b>2524-CS</b>	<b>2524-M</b>
	#10	<b>2525-13</b>	<b>2525-15</b>	<b>2525-CS</b>	<b>2525-M</b>



### Nylon Insulated

The forked tongue permits convenient assembly and disassembly without complete removal of the connection screw.



Gauge	Stud Size	Mini Pack	50 PC	100 PC	1000 PC
22-18 AWG	#6	<b>2923-13 4 PC</b>	<b>2923-15</b>	<b>2923-16</b>	
	#8	<b>2924-13 4 PC</b>	<b>2924-15</b>	<b>2924-16</b>	<b>2924-39</b>
	#10	<b>2925-13 4 PC</b>	<b>2925-15</b>	<b>2925-16</b>	<b>2925-39</b>
16-14 AWG	#6	<b>3023-BP 4 PC</b>	<b>3023-15</b>	<b>3023-CS</b>	<b>3023-M</b>
	#8	<b>3024-BP 4 PC</b>	<b>3024-15</b>	<b>3024-CS</b>	<b>3024-39</b>
	#10	<b>3025-BP 4 PC</b>	<b>3025-15</b>	<b>3025-CS</b>	<b>3025-39</b>
12-10 AWG	#6	<b>3123-BP 3 PC</b>	<b>3123-15</b>	<b>3123-16</b>	<b>3123-39</b>
	#8	<b>3124-BP 3 PC</b>	<b>3124-15</b>	<b>3124-16</b>	<b>3124-39</b>
	#10	<b>3125-BP 3 PC</b>	<b>3125-15</b>	<b>3125-16</b>	<b>3125-39</b>



### Solder-Shrink

The forked tongue permits convenient assembly and disassembly without complete removal of the connection screw.



Gauge	Stud Size	5 PC	25 PC	100 PC
20-18 AWG	#10	<b>6725-14</b>	<b>6725-15</b>	<b>6725-36</b>
16-14 AWG	#10	<b>6825-BP</b>	<b>6825-15</b>	<b>6825-36</b>
12-10 AWG	#10	<b>6925-14</b>	<b>6925-15</b>	<b>6925-36</b>



### Vinyl Insulated

The forked tongue permits convenient assembly and disassembly without complete removal of the connection screw.



Gauge	Stud Size	Mini Pack	50 PC	100 PC	1000 PC
22-18 AWG	#6	<b>1723-BP 7 PC</b>	<b>1723-15</b>	<b>1723-CS</b>	<b>1723-M</b>
	#8	<b>1724-BP 7 PC</b>	<b>1724-15</b>	<b>1724-CS</b>	<b>1724-M</b>
	#10	<b>1725-BP 7 PC</b>	<b>1725-15</b>	<b>1725-CS</b>	<b>1725-M</b>
16-14 AWG	#6	<b>1823-BP 7 PC</b>	<b>1823-15</b>	<b>1823-CS</b>	<b>1823-M</b>
	#8	<b>1824-BP 7 PC</b>	<b>1824-15</b>	<b>1824-CS</b>	<b>1824-M</b>
	#10	<b>1825-BP 7 PC</b>	<b>1825-15</b>	<b>1825-CS</b>	<b>1825-M</b>
12-10 AWG	#6	<b>1923-BP 5 PC</b>	<b>1923-15</b>	<b>1923-16</b>	
	#8	<b>1924-BP 5 PC</b>	<b>1924-15</b>	<b>1924-CP</b>	
	#10	<b>1925-BP 5 PC</b>	<b>1925-15</b>	<b>1925-CP</b>	<b>1925-M</b>



## Tap Connectors



### Dual Tap Connector 22-18 AWG

Makes tap-in line or pigtail connections without cutting or stripping. Insert hot line and tap-in line, compress metal clip and close cover.



5 PC 15 PC 100 PC 1000 PC

1558-BP 1558-CS 1558-C 1558-M



### T-Tap Connector 12-10 AWG

T-Tap quick slide. Make mid-span connections without stripping insulation. Disconnectable tap legs simplifies hook-up and enhances flexibility. Fully insulated flag quick-slide mates with most .250 male blades. Installed with pliers.



4 PC 10 PC 100 PC

1557-BP 1557-14 1557-C



### Dual Tap Connector 18-14 AWG

Makes tap-in line or pigtail connections without cutting or stripping. Insert hot line and tap-in line, compress metal clip and close cover.



2 PC 10 PC 100 PC

1561-BP 1561-14 1561-C



### Tap Connector 18-14 AWG

Makes tap-in line or pigtail connections without cutting or stripping. Insert hot line and tap-in line, compress metal clip and close cover.



5 PC 15 PC 100 PC 1000 PC

1560-BP 1560-CS 1560-C 1560-M



### T-Tap Connector 22-18 AWG

T-Tap quick slide. Make mid-span connections without stripping insulation. Disconnectable tap legs simplifies hook-up and enhances flexibility. Fully insulated flag quick-slide mates with most .250 male blades. Installed with pliers.



5 PC 10 PC 100 PC

1555-BP 1555-14 1555-C



### Tap Connector 12-10 AWG

Makes tap-in line or pigtail connections without cutting or stripping. Insert hot line and tap-in line, compress metal clip and close cover.



4 PC 10 PC 100 PC 1000 PC

1562-BP 1562-CS 1562-C 1562-M



### T-Tap Connector 16-14 AWG

T-Tap quick slide. Make mid-span connections without stripping insulation. Disconnectable tap legs simplifies hook-up and enhances flexibility. Fully insulated flag quick-slide mates with most .250 male blades. Installed with pliers.



5 PC 10 PC 100 PC

1559-BP 1559-14 1559-C



### Weatherproof Tap Connector 18-14 AWG

Makes tap-in line or pigtail connections without cutting or stripping. Insert hot line and tap-in line, compress metal clip and close cover.



2 PC 15 PC 100 PC

1565-BP 1565-CS 1565-36

## Combo Packs



**1222-91** (20 PC)  
Cool Seal Butt Connectors



**1880-BP** (8 PC)  
Vinyl Butt Connectors



**1886-91** (6 PC)  
Fully Insulated Quick Connectors



**1608-BP** (12 PC)  
Wire Caps



**1881-BP** (6 PC)  
Quick Connects



**1966-BP** (2 Pair)  
12-10 AWG Fully Ins. Quick Connectors



**1766-91** (2 Pair)  
22-18 AWG Fully Ins. Quick Connectors



**1882-13** (2 Pair)  
**1882-34** (25 Pair)  
T-Taps & Female Quick Connects



**1985-BP** (3 Pair)  
12-10 AWG .195 Bullets & Receptacles



**1785-91** (3 Pair)  
22-18 AWG .157 Bullets & Receptacles



**1883-91** (13 PC) **NEW!**  
Ring Connectors



**5890-91** (18 PC)  
Heat Shrink Butt Connectors



**1866-BP** (2 Pair)  
16-14 AWG Fully Ins. Quick Connectors



**1885-BP** (3 Pair)  
**1885-15** (15 Pair)  
16-14 AWG .157 Bullets & Receptacles



**5891-91** (6 PC) **NEW!**  
Heat Shrink Butt Connectors





### Closed End

To apply, simply insert pre-stripped wires into connector and crimp. Holds wires firmly even in vibration.



Gauge	Mini Pack	50 PC	100 PC	1000 PC
22-18 AWG	<b>1166-BP</b> 9 PC	<b>1166-15</b>	<b>1166-CS</b>	<b>1166-M</b>
16-14 AWG	<b>1266-BP</b> 9 PC	<b>1266-15</b>	<b>1266-CS</b>	<b>1266-M</b>
12-10 AWG	<b>1366-BP</b> 6 PC	<b>1366-15</b>	<b>1366-36</b>	<b>1366-M</b>
8 AWG	<b>4066-PR</b> 2 PC	<b>4066-15</b>	<b>4066-C</b>	<b>4066-M</b>



### Closed End - Sealed

In environments where corrosion and/or vibration are a problem, the closed-end connector can be used to replace wire nuts. Tubing has an active adhesive that seals between multiple wires. Makes a permanent connection. Chrysler MS-DB56 CAN 3686, Ford ESB-M97D56A1



Gauge	2 PC	5 PC	100 PC
22-14 AWG	<b>1566-12</b>	<b>1566-14</b>	<b>1566-36</b>
18-10 AWG	<b>1567-12</b>	<b>1567-14</b>	<b>1567-36</b>



### IDC Connector

Self-stripping electrical connector with sealant filling. The sealant filling helps to protect against corrosion due to moisture. No wire stripping is required. Simply insert wires and press down with pliers.



Gauge	2 PC	10 PC	100 PC
22-14 AWG	<b>1640-12</b>	<b>1640-14</b>	<b>1640-36</b>



### Lever-Nut 3 Conductor

No twist, push wire connectors for solid and stranded copper wire. They hold each wire individually, eliminating loose connections. No more twisting and taping required. Simply strip the wire, push up lever, insert wire and push down on lever.



Gauge	2 PC	10 PC	100 PC
28-12 AWG Stranded & Solid	<b>1633-12</b>	<b>1633-14</b>	<b>1633-36</b>



### Push Wire 2 Conductor

No twist, push wire connectors for solid and stranded copper wire. Clear housing means you can see the firm connection. They hold each wire individually, eliminating loose connections. No more twisting and taping required. Simply strip the wire, insert the conductor and you're finished. The integrated test port allows for continuity testing without re-insertion.



Gauge	3 PC	10 PC	100 PC
16-12 AWG Stranded / 18-12 AWG Solid	<b>1632-13</b>	<b>1632-14</b>	<b>1632-C</b>



### Push Wire 3 Conductor

No twist, push wire connectors for solid and stranded copper wire. Clear housing means you can see the firm connection. They hold each wire individually, eliminating loose connections. No more twisting and taping required. Simply strip the wire, insert the conductor and you're finished. The integrated test port allows for continuity testing without re-insertion.



Gauge	2 PC	10 PC	100 PC
14-10 AWG Stranded & Solid	<b>1639-12</b>	<b>1639-14</b>	<b>1639-36</b>



### Push Wire 4 Conductor

No twist, push wire connectors for solid and stranded copper wire. Clear housing means you can see the firm connection. They hold each wire individually, eliminating loose connections. No more twisting and taping required. Simply strip the wire, insert the conductor and you're finished. The integrated test port allows for continuity testing without re-insertion.



Gauge	3 PC	10 PC	100 PC
16-12 AWG Stranded / 18-12 AWG Solid	<b>1634-13</b>	<b>1634-14</b>	<b>1634-C</b>



### Push Wire 6 Conductor

No twist, push wire connectors for solid and stranded copper wire. Clear housing means you can see the firm connection. They hold each wire individually, eliminating loose connections. No more twisting and taping required. Simply strip the wire, insert the conductor and you're finished. The integrated test port allows for continuity testing without re-insertion.



Gauge	2 PC	10 PC	100 PC
16-12 AWG Stranded / 18-12 AWG Solid	<b>1636-13</b>	<b>1636-14</b>	<b>1636-C</b>



### Push Wire 8 Conductor

No twist, push wire connectors for solid and stranded copper wire. Clear housing means you can see the firm connection. They hold each wire individually, eliminating loose connections. No more twisting and taping required. Simply strip the wire, insert the conductor and you're finished. The integrated test port allows for continuity testing without re-insertion.



Gauge	2 PC	10 PC	100 PC
16-12 AWG Stranded / 18-12 AWG Solid	<b>1638-13</b>	<b>1638-14</b>	<b>1638-36</b>



### Push Wire Fixing Carrier

Push wire connectors not included.



<b>1 PC</b>	<b>100 PC</b>
<b>1630-11</b>	<b>1630-36</b>



### Wire Caps

Colour coded models cover common construction wire ranges. Ribbed cap provides positive grip for fast and easy installation. Narrow design allows more room in tight boxes. Deep, wide throated skirt protects against flash-over and turn back strands. Fixed square spring provides more secure gripping on conductors.



Description	Mini Pack	25 PC	50 PC	100 PC	1000 PC
300V Grey	<b>1601-BP</b> 12 PC		<b>1601-15</b>	<b>1601-CS</b>	<b>1601-M</b>
300V Blue	<b>1602-BP</b> 12 PC		<b>1602-15</b>	<b>1602-CS</b>	<b>1602-39</b>
600V Orange	<b>1603-BP</b> 10 PC	<b>1603-CS</b>	<b>1603-15</b>	<b>1603-36</b>	<b>1603-39</b>
600V Yellow	<b>1604-BP</b> 8 PC	<b>1604-CS</b>	<b>1604-15</b>	<b>1604-36</b>	<b>1604-39</b>
				<b>15 PC</b>	
600V Red	<b>1605-BP</b> 3 PC	<b>1605-CS</b>	<b>1605-15</b>	<b>1605-36</b>	<b>1605-39</b>



### Winged Wire Caps

Colour coded models cover common construction wire ranges. Winged cap provides positive grip for fast and easy installation. Narrow design allows more room in tight boxes. Deep, wide throated skirt protects against flash-over and turn back strands. Fixed square spring provides more secure gripping on conductors.



Description	Mini Pack	10 PC	100 PC	1000 PC
600V Yellow	<b>1620-13</b> 5 PC	<b>1620-14</b>	<b>1620-36</b>	<b>1620-39</b>
600V Red	<b>1621-13</b> 4 PC	<b>1621-14</b>	<b>1621-36</b>	<b>1621-39</b>
600V Blue	<b>1622-13</b> 3 PC	<b>1622-14</b>	<b>1622-36</b>	<b>1622-39</b>

## Deutsch DT Series



**2-Way Female Housing & Wedgelock**  
Deutsch No. DT04-2P, W2P



1 Set

10 Sets

7990-11

7990-34



**2-Way Male Housing & Wedgelock**  
Deutsch No. DT06-2S, W2S



1 Set

10 Sets

7991-11

7991-34



**3-Way Female Housing & Wedgelock**  
Deutsch No. DT04-3P, W3P



1 Set

10 Sets

7992-11

7992-34



**3-Way Male Housing & Wedgelock**  
Deutsch No. DT06-3S, W3S



1 Set

10 Sets

7993-11

7993-34



**4-Way Female Housing & Wedgelock**  
Deutsch No. DT04-4P, W4P



1 Set

10 Sets

7994-11

7994-34



**4-Way Male Housing & Wedgelock**  
Deutsch No. DT06-4S, W4S



1 Set

10 Sets

7995-11

7995-34



**6-Way Female Housing & Wedgelock**  
Deutsch No. DT04-6P, W6P



1 Set

10 Sets

7996-11

7996-34



**6-Way Male Housing & Wedgelock**  
Deutsch No. DT06-6S, W6S



1 Set

10 Sets

7997-11

7997-34



**8-Way Female Housing & Wedgelock**  
Deutsch No. DT04-8P, W8P



1 Set

10 Sets

7998-11

7998-34



**8-Way Male Housing & Wedgelock**  
Deutsch No. DT06-8S, W8S



1 Set

10 Sets

7999-11

7999-34



**12-Way Female Housing & Wedgelock**  
Deutsch No. DT04-12P, W12P



1 Set

**NEW!**

8000-11



**12-Way Male Housing & Wedgelock**  
Deutsch No. DT06-12S, W12S




1 Set


**NEW!**

8001-11






**2-Way Female Housing & Wedgelock**  
Deutsch No. DTM06-2S, WM-2S

 **1 Set**      **10 Sets**


**NEW!**

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7910-91      7910-34




**2-Way Male Housing & Wedgelock**  
Deutsch No. DTM04-2P, WM-2P

 **1 Set**      **10 Sets**


**NEW!**

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7930-91      7930-34




**3-Way Female Housing & Wedgelock**  
Deutsch No. DTM06-3S, WM-3S

 **1 Set**      **10 Sets**


**NEW!**

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7912-91      7912-34




**3-Way Male Housing & Wedgelock**  
Deutsch No. DTM04-3P, WM-3P

 **1 Set**      **10 Sets**


**NEW!**

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7932-91      7932-34




**4-Way Female Housing & Wedgelock**  
Deutsch No. DTM06-4S, WM-4S

 **1 Set**      **10 Sets**


**NEW!**

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7914-91      7914-34




**4-Way Male Housing & Wedgelock**  
Deutsch No. DTM04-4P, WM-4P

 **1 Set**      **10 Sets**


**NEW!**

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7934-91      7934-34




**6-Way Female Housing & Wedgelock**  
Deutsch No. DTM06-6S, WM-6S

 **1 Set**      **10 Sets**


**NEW!**

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7916-91      7916-34




**6-Way Male Housing & Wedgelock**  
Deutsch No. DTM04-6P, WM-6P

 **1 Set**      **10 Sets**


**NEW!**

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7936-91      7936-34




**8-Way Female Housing & Wedgelock**  
Deutsch No. DTM06-8S, WM-8S

 **1 Set**      **10 Sets**


**NEW!**

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7918-91      7918-34




**8-Way Male Housing & Wedgelock**  
Deutsch No. DTM04-8P, WM-8P

 **1 Set**      **10 Sets**


**NEW!**

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7938-91      7938-34



**12-Way Female Housing & Wedgelock**  
Deutsch No. DTM06-12S, WM-12S

 **1 Set**      **10 Sets**

**NEW!**

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7920-91      7920-34



**12-Way Male Housing & Wedgelock**  
Deutsch No. DTM04-12P, WM-12P

 **1 Set**      **10 Sets**

**NEW!**

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7940-91      7940-34

## Deutsch DT Series



**20-16 AWG Female Solid Barrel**  
Deutsch No. 0462-201-16141


 **10 PC**      **100 PC**  

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**7962-14**      **7962-16**



**20-16 AWG Male Solid Barrel**  
Deutsch No. 0460-202-16141


 **10 PC**      **100 PC**  

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**7963-14**      **7963-16**



**18-16 AWG Female Open Barrel**  
Deutsch No. 1062-16-0122


 **10 PC**      **100 PC**  

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**7966-14**      **7966-16**



**18-16 AWG Male Open Barrel**  
Deutsch No. 1060-16-0122

 **10 PC**      **100 PC**  

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**7967-14**      **7967-16**



**16-14 AWG Female Open Barrel**  
Deutsch No. 1062-14-0122


 **10 PC**      **100 PC**  

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**7968-14**      **7968-16**



**16-14 AWG Male Open Barrel**  
Deutsch No. 1060-14-0122


 **10 PC**      **100 PC**  

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**7969-14**      **7969-16**



**16-14 AWG Female Solid Barrel**  
Deutsch No. 0462-209-16141


 **Part No.**      **100 PC**  

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**7964-14**      **7964-16**



**16-14 AWG Male Solid Barrel**  
Deutsch No. 0460-215-16141


 **10 PC**      **100 PC**  

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**7965-14**      **7965-16**



**Empty Cavity Plug**   
Deutsch No. 114017

 **10 PC**      **100 PC**  

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**7970-14**      **7970-16**

## Deutsch DTM Series



**24-20 AWG Female Solid Barrel**   
Deutsch No. 0462-201-20141

 **10 PC**      **100 PC**  

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**7957-14**      **7957-16**



**24-20 AWG Male Solid Barrel**   
Deutsch No. 0460-202-20141

 **10 PC**      **100 PC**  

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**7956-14**      **7956-16**



**20-16 AWG Female Open Barrel**   
Deutsch No. 1062-20-0122


 **10 PC**      **100 PC**  

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**7959-14**      **7959-16**



**20-16 AWG Male Open Barrel**   
Deutsch No. 1060-20-0122

 **10 PC**      **100 PC**  

---

**7958-14**      **7958-16**



**2-Way Female Housing & Wedglock**  
Deutsch No. DTP06-2S, WP-2S



**NEW!**  
RoHS  
1 Set      10 Sets  
**7981-11      7981-34**

**2-Way Male Housing & Wedglock**  
Deutsch No. DTP04-2P, WP-2P



**NEW!**  
RoHS  
1 Set      10 Sets  
**7980-11      7980-34**

**4-Way Female Housing & Wedglock**  
Deutsch No. DTP06-4S, WP-4S



**NEW!**  
RoHS  
1 Set      10 Sets  
**7983-11      7983-34**

**4-Way Male Housing & Wedglock**  
Deutsch No. DTP04-4P, WP-4P



**NEW!**  
RoHS  
1 Set      10 Sets  
**7982-11      7982-34**

**14-12 AWG Female Open Barrel**  
Deutsch No. 1062-12-0166



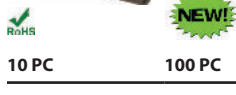
**NEW!**  
RoHS  
10 PC      100 PC  
**7952-14      7952-36**

**14-12 AWG Male Open Barrel**  
Deutsch No. 1060-12-0166



**NEW!**  
RoHS  
10 PC      100 PC  
**7953-14      7953-36**

**12-10 AWG Female Open Barrel**  
Deutsch No. 1062-12-0222



**NEW!**  
RoHS  
10 PC      100 PC  
**7954-14      7954-36**

**12-10 AWG Male Open Barrel**  
Deutsch No. 1060-12-0222



**NEW!**  
RoHS  
10 PC      100 PC  
**7955-14      7955-36**

Deutsch HD 20, HD 30, DTHD Series

**14-12 AWG Female Solid Barrel**  
Deutsch No. 0462-203-12141



RoHS  
10 PC      100 PC  
**7960-14      7960-16**

**14-12 AWG Male Solid Barrel**  
Deutsch No. 0460-204-12141



RoHS  
10 PC      100 PC  
**7961-14      7961-16**

Deutsch Tools

**Contact Removal Tools** **NEW!**  
For use with HD & HDP series.



Description	Deutsch No.	Colour	1 PC
24-20 AWG N-Seal	0411-240-2005	Red	<b>7902-31</b>
18-16 AWG E-Seal	0411-336-1605	Blue	<b>7901-31</b>
18-16 AWG N-Seal	0411-204-1605	Dark Blue	<b>7905-31</b>
18-16 AWG T-Seal	0411-310-1605	Light Blue	<b>7900-31</b>
16-14 AWG N-Seal	0411-291-1405	Green	<b>7906-31</b>

**Crimp Tool 20-14 AWG Solid Barrel** **NEW!**  
4-Way Crimp Indent



Part No.	Qty
<b>7903-31</b>	1

**Crimp Tool 22-12 AWG Solid Barrel** **NEW!**  
8-Way Crimp Indent  
Deutsch No. HDT-48-00



Part No.	Qty
<b>7904-31</b>	1



## Metri-Pack 150 Series Housing Assemblies



### 2-Way Female

TPA (Terminal Position Assurance) Lock Included.  
Use with Pico No. 608 or 611  
OEM No. 12052641, 12052634

Part No.	Qty
514-91	1 Set



### 2-Way Male

TPA (Terminal Position Assurance) Lock Included.  
Use with Pico No. 607 or 612  
OEM No. 12162000, 12052634

Part No.	Qty
515-91	1 Set



### 3-Way Female

TPA (Terminal Position Assurance) Lock Included.  
Use with Pico No. 608 or 611  
OEM No. 12110293, 12052845

Part No.	Qty
516-91	1 Set



### 3-Way Male

TPA (Terminal Position Assurance) Lock Included.  
Use with Pico No. 607 or 612  
OEM No. 12129615, 12052845

Part No.	Qty
517-91	1 Set



### 4-Way Female

TPA (Terminal Position Assurance) Lock Included.  
Use with Pico No. 608 or 611  
OEM No. 12162144, 12047948

Part No.	Qty
518-91	1 Set



### 4-Way Male

TPA (Terminal Position Assurance) Lock Included.  
Use with Pico No. 607 or 612  
OEM No. 12162102, 12047948

Part No.	Qty
519-91	1 Set

## Metri-Pack 150 Series Terminals



### 20-16 AWG Cable Seal

OEM No. 12048086, 15324973

10 PC	100 PC
604-14	604-36



### 20-18 AWG Female P25

OEM No. 12103881

10 PC	100 PC
610-14	610-36



### 20-16 AWG Female

OEM No. 12048074

10 PC	100 PC
607-14	607-36



### 20-16 AWG Male

OEM No. 12045773

10 PC	100 PC
608-14	608-36



### 20-18 AWG Female

OEM No. 12047767

10 PC	100 PC
612-14	612-36



### 20-18 AWG Male

OEM No. 12047581

10 PC	100 PC
611-14	611-36



### 18-16 AWG Female P25

OEM No. 12124075

10 PC	100 PC
609-14	609-36





## Metri-Pack 280 Series Terminals



**20-18 AWG Female**  
OEM No. 12034046

10 PC	100 PC
620-14	620-36



**20-18 AWG Male**  
OEM No. 12034047

10 PC	100 PC
621-14	621-36



**16-14 AWG Female**  
OEM No. 12066214

10 PC	100 PC
622-14	622-36



**16-14 AWG Male**  
OEM No. 12020116

10 PC	100 PC
623-14	623-36

## Metri-Pack 480 Series Terminals



**16-14 AWG Female**  
OEM No. 12124304

10 PC	100 PC
625-14	625-36



**16-14 AWG Male**  
OEM No. 12020120

10 PC	100 PC
626-14	626-36



**12-10 AWG Female**  
OEM No. 12052139

10 PC	100 PC
632-14	632-36



**12-10 AWG Male**  
OEM No. 12065197

10 PC	100 PC
633-14	633-36

## Metri-Pack 630 Series Terminals



**16-14 AWG Female**  
OEM No. 12015870

10 PC	100 PC
630-14	630-36



**16-14 AWG Male**  
OEM No. 12020126

10 PC	100 PC
631-14	631-36



**12-10 AWG Female**  
OEM No. 12052456

10 PC	100 PC
634-14	634-36



**12-10 AWG Male**  
OEM No. 12064737

10 PC	100 PC
635-14	635-36

## Weather Pack Housings



**1 Cavity Shroud**  
OEM No. 12010996



2 PC	10 PC	100 PC
156-PR	156-PK	156-C



**1 Cavity Tower**  
OEM No. 12015791



2 PC	10 PC	100 PC
157-PR	157-PK	157-C



**2 Cavity Shroud**  
OEM No. 12010973



2 PC	10 PC	100 PC
158-PR	158-PK	158-C



**2 Cavity Tower**  
OEM No. 12015792



2 PC	10 PC	100 PC
159-PR	159-PK	159-C



**3 Cavity Shroud**  
OEM No. 12010717



2 PC	10 PC	100 PC
160-PR	160-PK	160-C



**3 Cavity Tower**  
OEM No. 12015793



2 PC	10 PC	100 PC
161-PR	161-PK	161-C



**4 Cavity Shroud**  
OEM No. 12010974



2 PC	10 PC	100 PC
176-PR	176-PK	176-C



**4 Cavity Tower**  
OEM No. 12015797



2 PC	10 PC	100 PC
177-PR	177-PK	177-C



**4 Cavity Square Shroud**  
OEM No. 12015024



2 PC	10 PC
191-12	191-34



**4 Cavity Square Tower**  
OEM No. 12015798



2 PC	10 PC
190-12	190-34



**5 Cavity Shroud**  
OEM No. 12065158



2 PC	10 PC
193-12	193-34



**5 Cavity Tower**  
OEM No. 12034342



2 PC	10 PC
192-12	192-34



**6 Cavity Shroud**  
OEM No. 12010975



2 PC	10 PC	100 PC
178-PR	178-PK	178-C



**6 Cavity Tower**  
OEM No. 12015799



2 PC	10 PC	100 PC
179-PR	179-PK	179-C



## Weather Pack Terminals & Cable Seals

### Female Terminals 0.05-16.0V DC, 20 Amp

Gauge	OEM No.	10 PC	100 PC
20-18 AWG	12089188	<b>151-BP</b>	<b>151-C</b>
16-14 AWG	12124580	<b>154-BP</b>	<b>154-C</b>
12-10 AWG	12124581	<b>198-14</b>	<b>198-36</b>

### Male Terminals 0.05-16.0V DC, 20 Amp

Gauge	OEM No.	10 PC	100 PC
20-18 AWG	12089040	<b>150-BP</b>	<b>150-C</b>
16-14 AWG	12124582	<b>153-BP</b>	<b>153-C</b>
12-10 AWG	12124587	<b>197-14</b>	<b>197-36</b>

### 24-22 AWG Seal OEM No. 12015899, 15324983

10 PC	100 PC
<b>180-14</b>	<b>180-36</b>

### 16-14 AWG Seal OEM No. 12010293, 15324980

10 PC	100 PC
<b>162-BP</b>	<b>162-C</b>

### 20-18 AWG Seal OEM No. 12015323, 15324982

10 PC	100 PC
<b>152-BP</b>	<b>152-C</b>

### 12-10 AWG Seal OEM No. 12015193, 15324981

10 PC	100 PC
<b>199-14</b>	<b>199-36</b>

### Cavity Plug Plugs empty cavities in connector housings. OEM No. 12010300

10 PC	100 PC
<b>155-BP</b>	<b>155-C</b>

## Weather Pack Tools

### Extractor & Picks Contains one extractor, one narrow pick (0.05") and one wide pick (0.09"). Releases and extracts GM, Ford, Chrysler OEM terminals.

Part No.	Qty
<b>200-31</b>	1 Set

### OEM Terminal Crimp Tool Makes Precision "F" Crimps Crimps 24-14 AWG Open Barrel OEM Terminals

Part No.	Qty
<b>187-31</b>	1

### Deluxe Ratchet Crimp Tool Makes perfect crimps every time. Crimps 22-10 AWG OEM Terminals

Part No.	Qty
<b>186-31</b>	1

### OEM Terminal Crimp Tool Crimps 24-14 AWG Insulated, Non-Insulated, Open Barrel & Weather Pack OEM Terminals

Part No.	Qty
<b>188-E</b>	1



## Weather Pack Pigtails

Weather Pack is an environmentally sealed connection system that will withstand exposure to extreme temperatures, moisture, harsh engine compartment fluids and chemical with unflinching performance. Made with 10" SXL wire rated -40°C to 135°C (-40°F to 275°F). 0.05-16.0V DC, 20 Amp



### 1 Cavity Shroud



Gauge	1 PC
18 AWG	5695-BP
14 AWG	5685-11



### 1 Cavity Tower



Gauge	1 PC
18 AWG	5690-BP
14 AWG	5680-11



### 2 Cavity Shroud



Gauge	1 PC	10 PC
18 AWG	5696-BP	5696-34
14 AWG	5686-11	5686-34



### 2 Cavity Tower



Gauge	1 PC	10 PC
18 AWG	5691-BP	5691-34
14 AWG	5681-11	5681-34



### 3 Cavity Shroud



Gauge	1 PC
18 AWG	5697-BP
14 AWG	5687-11



### 3 Cavity Tower



Gauge	1 PC
18 AWG	5692-BP
14 AWG	5682-11



### 4 Cavity Shroud



Gauge	1 PC
18 AWG	5698-11
14 AWG	5688-11



### 4 Cavity Tower



Gauge	1 PC
18 AWG	5693-BP
14 AWG	5683-11



### 4 Cavity Square Shroud



Part No.	1 PC	10 PC
18 AWG	5699-11	5699-34



### 4 Cavity Square Tower



Gauge	1 PC	10 PC
18 AWG	5694-11	5694-34



### 6 Cavity Shroud



Gauge	1 PC
18 AWG	5671-11



### 6 Cavity Tower



Gauge	1 PC
18 AWG	5670-11

## Make-Your-Own Weather Pack

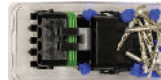
Each pack comes complete with male and female terminals, tower, shroud and cable seals. 0.05-16.0V DC, 20 Amp



### 1 Cavity Weather Pack Kit



Gauge	1 Pack
20-18 AWG	<b>2156-14</b>
16-14 AWG	<b>2157-14</b>
12-10 AWG	<b>2181-91</b>



### 4 Cavity Weather Pack Kit



Gauge	1 Pack
20-18 AWG	<b>2176-14</b>
16-14 AWG	<b>2177-14</b>
12-10 AWG	<b>2184-91</b>



### 2 Cavity Weather Pack Kit



Gauge	1 Pack
20-18 AWG	<b>2158-14</b>
16-14 AWG	<b>2159-14</b>
12-10 AWG	<b>2182-91</b>



### 6 Cavity Weather Pack Kit



Gauge	1 Pack
20-18 AWG	<b>2178-15</b>
16-14 AWG	<b>2179-15</b>
12-10 AWG	<b>2186-91</b>



### 3 Cavity Weather Pack Kit



Gauge	1 Pack
20-18 AWG	<b>2160-14</b>
16-14 AWG	<b>2161-14</b>
12-10 AWG	<b>2183-91</b>

## GM 56 Series Electronic Terminals



### 1 Way Female Housing

Use with Pico No. 138  
OEM No. 2962448

10 PC	100 PC
139-BP	139-C



### 20-18 AWG Male

Printed circuit edge board electronic control module unsealed terminal.  
OEM No. 12089507

10 PC	605-14
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### 1 Way Male Housing

GM 56 Series Unsealed Connector Housing  
Use with Pico No. 1589  
OEM No. 2962984

10 PC	137-BP
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### 18-14 AWG Female

Use with Pico No. 139  
Mates with Pico No. 1589  
OEM No. 2962447

10 PC	100 PC
138-BP	138-C



### 2 Way Female Housing

Use with Pico No. 138  
OEM No. 6294493

10 PC	140-BP
-------	--------



### 18-14 AWG Male

Use with Pico No. 137 / 1862  
Mates with Pico No. 138  
OEM No. 2962987

2 PC	10 PC	50 PC	100 PC
1589-BP	1589-14	1589-15	1589-CS

## GM Micro-Pack 100 Series Electronic Terminals



**22 AWG Male**  
OEM No. 12040902  
Mates with Pico No. 149 & 602

10 PC	100 PC
600-14	600-36



**16-14 AWG Female**  
OEM No. 12020758  
Mates with Pico No. 600

10 PC	100 PC
602-14	602-36



**20-18 AWG Female**  
OEM No. 12089649  
Mates with Pico No. 600

10 PC
149-BP

## GM Pack-Con Electronic Terminals



**Pack-Con I 20-18 AWG Female**  
OEM No. 6294511

10 PC	100 PC
143-BP	143-36



**Pack-Con I HD 12-10 AWG Male**  
OEM No. 12033817

10 PC	100 PC
145-BP	145-36



**Pack-Con I 16-14 AWG Female**  
OEM No. 12020347

10 PC	100 PC
144-BP	144-36



**Pack-Con I HD 16-14 AWG Female**  
OEM No. 8905087

10 PC	100 PC
146-BP	146-36



**Pack-Con I 16-14 AWG Male**  
OEM No. 12020320

10 PC	100 PC
141-BP	141-36



**Pack-Con II 16-14 AWG Female**  
OEM No. 12004996

10 PC	100 PC
147-BP	147-36

## Ford Electronic Terminals



**16-14 AWG**  
Fuel Sender Connector for use with Pico No. 5360

2 PC	25 PC
1270-13	1270-15



**20-18 AWG**  
Fuel Sender Connector for use with Pico No. 5360

2 PC	25 PC	100 PC
1170-13	1170-15	1170-36

## Universal 58 Series Terminals



**.250 16-14 AWG**  
Chrysler No.: 2096467  
Ford No.: C1SF-14474A  
GM No.: 2965580

10 PC	100 PC
134-BP	134-36



**.250 20-18 AWG**  
Chrysler No.: 2096466  
Ford No.: C5AB14474B  
GM No.: 2965470

10 PC	100 PC
135-BP	135-36



## Chrysler Service Repair Pigtails



**5431-BP** (1 PC)  
1 Wire Voltage Regulator  
Delco PT261, PT2067  
GM 12101870,  
89057720  
Chrysler 1965-69



**5329-BP** (1 PC)  
2 Wire Voltage Regulator  
Chrysler 2983727, Delco  
PT1916, GM 88860471  
Chrysler 1972-95



**5488-91** (1 PC) **NEW!**  
5 Wire Blower Motor  
Resistor  
Chrysler 1-05017124AC  
Durango & Dakota  
2001-04

## Chrysler Socket Assemblies

### 1 Wire



**5353-11** (1 PC)  
Socket / Board / Tail  
Bulb No. 3157 **NEW!**  
1996-04

### 2 Wire



**5414-BP** (1 PC)  
Front & Rear Side Marker  
3588314, 3588650,  
4450821, 4400147 Bulb  
No. 67, 158, 194, 194A  
1979-98



**5416-BP** (1 PC)  
Front & Rear Side Marker  
3513686, 4055028,  
4400588 Bulb No. 67,  
158, 194, 194A 1972-87



**5463-BP** (1 PC)  
Front / Rear Cornering &  
Side Marker Lamp  
3764865, 3764561,  
3764863, 4124721 Bulb  
No. 87, 93, 1073, 1141,  
1156 1974-75, 1979-92

### 2 Wire



**5465-BP** (1 PC)  
Backup / Cornering /  
Turn Lamp  
4400448, 4400741,  
4636358 Bulb No. 2456,  
3156 1991-97



**5468-BP** (1 PC)  
License Plate Lamp  
4414184 Bulb No. 194  
1989-92



**5469-BP** (1 PC)  
Rear Turn / Stop / Tail  
Double Contact  
4450815

### 3 Wire



**5464-BP** (1 PC)  
Stop / Tail / Turn Lamp  
3513558, 3747831,  
3764561, 3764863,  
3843431 Bulb No.  
1157 1975-83

### 3 Wire



**5466-BP** (1 PC)  
Park / Side Marker / Stop  
/ Tail / Turn Lamp  
3843432, 3843245,  
4163003, 4362469 Bulb  
No. 198, 1016, 1034,  
1154, 1157 1975-92



**5489-11** (1 PC)  
Rear Turn / Stop / Tail  
4399576 1980-84, 1989



**5495-11** (1 PC) **NEW!**  
4368264, 4400740  
Bulb No. 3057, 3157,  
3357, 4157, 4114K  
1986-89

## Universal Service Repair Pigtails

### 2 Wire



**5409-BP** (1 PC)  
Sealed Beam Headlamp / Flasher for Domestic & Import Vehicles with 2 Prong Headlights  
LS145, PT270, 12101879, 88860447 1957-97



**5439-BP** (1 PC)  
18GA Blower / Compressor Relay  
PT2118, 88861022  
Older Cars & Trucks



**5461-BP** (1 PC)  
18GA High Beam Halogen Bulb Headlamp  
PT168, 12101898  
Bulb No. H10, 9005, 9145 1988-04



**5462-BP** (1 PC)  
18GA Low Beam Halogen Bulb Headlamp  
PT167, 12101897  
Bulb No. 9006 1988-03



**5508-11** (1 PC)  
H7 Headlamp



**5509-11** (1 PC)  
H8/H11 Headlamp

### 2 Wire



**5510-11** (1 PC)  
H880 Headlamp



**5511-11** (1 PC)  
H9 Headlamp

### 3 Wire



**5356-BP** (1 PC)  
Dimmer Switch  
PT1949, 88860504  
1965-81



**5365-BP** (1 PC)  
16GA Sealed Beam Fiber Optic Lamp  
LS144, 88860446  
Domestic & Imports



**5370-11** (1 PC)  
Heavy Duty / Thermal / Electronic Flasher  
Cars, Trucks, Tractors, Trailers & Industrial Applications



**5407-BP** (1 PC)  
Sealed Beam / Flasher  
2 or 3 Terminal  
PT500, 12117367  
Bulb No. H4, 9003

### 3 Wire



**5435-BP** (1 PC)  
18GA Manual AC / Horn Relay  
PT549, PT2068, 2962510, 12125637, 89057721 1957-95



**5460-BP** (1 PC)  
18GA Halogen Bulb Headlamp  
4400395, 4414332, 4430976, 4439076, PT433, 12117260  
Bulb No. 9004, 9007  
GM, Ford, Chrysler



**5507-11** (1 PC)  
Sealed Beam Headlamp  
Bulb No. H4, 9003



**5513-11** (1 PC)  
H13/9008 Headlamp

## Universal Socket Assemblies

### 0 Wire



**5457-BP** (1 PC)  
Instrument Panel Cluster 1/2"  
3744750, 4124104, 4374072, LS130, C80Z-13711A, C80Z-13711B, D8HZ-13711A, E5SZ-13B765A, E89Z-13B765A, E92Z-13B765A, 12004311, 88860432  
Bulb No. 194 1973-96



**5458-BP** (1 PC)  
Instrument Panel Cluster 5/8"  
8122474, 8126900, 2496279, 8122474, 8126900, LS132, E6FZ-13B764A, 2973932, 5655006, 12004311, 88860434  
Bulb No. 194 1970-91

### 1 Wire



**5405-BP** (1 PC)  
Backup  
Bulb No. 67, 81, 1133, 1141, 1156



**5420-BP** (1 PC)  
18GA Shielded License Plate / Utility  
1-1/2" Truck Bumper Hole Mount  
LS191, 88861019



**5422-BP** (1 PC)  
18GA Socket Base  
LS187, 88861015  
Bulb No. 63, 67, 81, 89, 93, 209, 1003, 1073, 1129, 1133, 1141, 1156

### 1 Wire



**5423-BP** (1 PC)  
Socket Base with Weatherproof Boot  
LS211, 88861063  
Bulb No. 63, 67, 81, 89, 93, 209, 1003, 1073, 1129, 1133, 1141, 1156



**5442-BP** (1 PC)  
License Plate / Instrument Panel - Spring Clip Mount  
LS199, 88861050  
7/8" to 1-1/8" Hole  
Bulb No. 63, 67, 87, 89, 93, 209, 1003, 1073, 1129, 1133, 1141, 1156



**5443-BP** (1 PC)  
License Plate / Instrument Panel  
5/8" Mount Hole  
LS192, 88861020  
Bulb No. 51, 53, 55, 57, 57X





### 1 Wire



**5444-BP** (1 PC)  
Backup / Universal  
1-1/8" Mount Hole  
4486949, 4489412,  
3513162, 3780745,  
LS128, D00Z-15536A,  
2978302, 88860430  
Bulb No. 63, 67, 81, 87,  
89, 93, 97, 209, 1003,  
1073, 1129, 1133, 1141,  
1156 1970-86



**5520-11** (1 PC)  
Miniature Socket Base  
Phenolic Disc  
Bulb No. 51, 53, 55, 57,  
57X



**5521-11** (1 PC)  
16GA Socket Base  
Used on cars, trucks,  
trailers and boats for  
courtesy lamps, marker  
light, dome lights and  
taillights. Bulb No. 67,  
89, 93, 97, 1003, 1073,  
1141, 1156



**5523-11** (1 PC)  
16GA Miniature Socket  
Base  
Used for dome light,  
instrument panel, cour-  
tesy lamp, under hood  
or trunk. Bulb No. 53, 55,  
57, 1985



**5530-11** (1 PC)  
Dome / Map Light /  
Multi-Purpose  
LS125, 88860427  
Bulb No. 51, 53, 55, 57,  
1895



**5531-11** (1 PC)  
Dome / Map Light /  
Multi-Purpose  
LS186, 88861014  
Bulb No. 67, 89, 93, 97,  
1003, 1073, 1141, 1156



**5540-11** (1 PC)  
License Plate / Instru-  
ment Panel  
3/4" Snap-In Type with  
Weather Resistant Boot-  
Bulb No. 67, 89, 93, 97,  
1003, 1073, 1141, 1156

### 2 Wire



**5401-BP** (1 PC)  
Park / Stop / Tail / Turn  
7/8" to 1-1/8" Hole  
LS189, 88861017  
Bulb No. 158, 194, 198,  
1016, 1034, 1154, 1157



**5404-BP** (1 PC)  
Park / Stop / Tail / Turn  
Fits most cars with  
1-1/8" hole.  
448869478, 4486948,  
LS3, 2974309, 2983540,  
6299087, 8912698  
Bulb No. 198, 1016,  
1034, 1154, 1157  
1969-79



**5408-BP** (1 PC)  
Cornering / License /  
Side Marker  
Fits most US manu-  
factured vehicles.  
4489395, LS9, LS101,  
D0DZ-15A434-B, D7FZ-  
13410-A, D40Z-13412-E,  
D7AZ-A, E1FZ-13410A;  
D5VY-15A442A,  
6294015, 6298886,  
6298892, 6298935,  
8901283, 8901257,  
8918527, 418977C91  
Bulb No. 67, 131, 158,  
161, 168, 194, 194A  
1957-96



**5415-BP** (1 PC)  
Cornering / License /  
Park / Side Marker  
90° Mounting  
LS5, E0SZ-15A442B,  
12001470 Bulb No.  
161, 168, 194, 194A  
1976-02



**5421-BP** (1 PC)  
18GA Socket Base  
LS188, 88861016  
Bulb No. 64, 68, 82, 88,  
90, 94, 210, 1004, 1034,  
1074, 1130, 1154, 1157,  
1158, 1176



**5424-BP** (1 PC)  
Socket Base with  
Weatherproof Boot  
LS193, 88861021  
Bulb No. 64, 68, 82, 88,  
90, 94, 210, 1004, 1034,  
1074, 1130, 1154, 1157,  
1158, 1176, 1178



**5440-BP** (1 PC)  
Park / Stop / Tail / Turn  
3/4" Mount Hole  
LS190, 88861018  
Bulb No. 198, 1016,  
1034, 1154, 1157



**5522-11** (1 PC)  
Socket Base  
Bulb No. 64, 68, 82, 88,  
90, 94, 210, 1004, 1034,  
1074, 1130, 1154, 1157,  
1158, 1176

### 2 Wire



**5532-11** (1 PC)  
Dome / Map Light /  
Multi-Purpose  
Bulb No. 1034, 1154,  
1157



**5533-11** (1 PC)  
Dome / Map Light /  
Multi-Purpose  
Bulb No. 68, 90, 94, 96,  
1004, 1158, 1176, 1178



**5541-11** (1 PC)  
Park / Stop / Tail / Turn  
Includes socket adapter  
plate and neoprene  
boot. 3/4" Mount Hole  
Bulb No. 1034, 1154,  
1157



**5543-11** (1 PC)  
Directional / Parking  
Weatherproof  
Bulb No. 1016, 1034,  
1154, 1157 Parking &  
Directional Signals For  
Many Cars & Trucks

### 3 Wire



**5542-11** (1 PC)  
Park / Stop / Tail / Turn  
Includes Mounting Plate  
Bulb No. 1034, 1154,  
1157

## GM Service Repair Pigtails

### 1 Wire



**5640-BP** (1 PC)  
18GA Radiator Fan Temperature Switch Special multiple lock, multi-seal connector. PT308, 12051234, 12102621 1982-02



**5644-BP** (1 PC)  
18GA Single Pin Oil Pressure Switch PT100, 12085500, 15306358 1987-02



**5650-BP** (1 PC)  
18GA Carburetor Choke Heater PT1920, 88860475 1982-96



**5651-BP** (1 PC)  
18GA Electric Choke / Truck Release Switch PT102, 12085480  
GM without Fuel Injection 1987+



**5656-BP** (1 PC)  
90° Universal Switch & Sensor No. 8, M4 PT404, 12112171 1982-95

### 2 Wire



**5351-BP** (1 PC)  
16GA Sealed High Beam Headlamp PT1250, PT1899, 88860454, 15306087  
Mini Bulb 4701 1986+



**5352-BP** (1 PC)  
16GA Sealed Low Beam Headlamp PT1249, 15306086  
Mini Bulb 4703



**5367-11** (1 PC)  
Alternator Adapter Converts the new style (CS Series) GM alternators to be used in older GM vehicles (SI Series). Use on vehicles without alternator warning light or if vehicle has gauge. 12102921, 90196375 1988-95



**5432-BP** (1 PC)  
Alternator with Internal Voltage Regulator PT181, 624493, 12101909 1970-88

### 2 Wire



**5433-BP** (1 PC)  
Alternator with Internal Voltage Regulator 2977373, 12117384, 89057722  
Delcat 1962-76



**5434-BP** (1 PC)  
Alternator Extender For Transistorized Alternator with Internal Regulator PT2064, 6294493, 89057714 1971+



**5437-BP** (1 PC)  
18GA Alternator Extender for Alternator with External Voltage Regulator. Use to extend harness if the replacement alternator has a different clock position. 2977373 Delcat 1962-78



**5600-BP** (1 PC)  
18GA Direct Ignition Throttle Body Injection PT118, 12085496 1987-02



**5601-BP** (1 PC)  
18GA AC Compressor Clutch PT209, 12101937 1987-04



**5604-BP** (1 PC)  
18GA Sealed Type Horn Fits GM No. 1999160, 1999161, 10456327, 10456328  
PT419, PT1357, 12116958, 15306302 1988-96



**5605-BP** (1 PC)  
16GA Washer Pump / Lower Coolant Sensor PT374, 12102747 1987-04



**5608-11** (1 PC)  
20GA ABS Wheel, Speed Sensor PT768, PT2375, 12126499 1992-04



**5611-BP** (1 PC)  
Mixture Control Solenoid for 2 & 4 Barrel Rochester Varajet Carburetors PT1917, 88860472 1980-90

### 2 Wire



**5615-BP** (1 PC)  
18GA Coolant Temperature Sensor / Multi-Purpose 8983502327, PT169, PT739, 12046623, 12101899 1986-03



**5616-BP** (1 PC)  
18GA Manifold Air Temperature Sensor No. 25036751 PT307, 12046624, 12102620 1984-03



**5618-BP** (1 PC)  
18GA Coolant Temperature Sensor No. 25036628 PT110, 12085488 1983-96



**5620-BP** (1 PC)  
12GA Heater Blower / Cooling Fan Motor PT189, PT740, 12101906, 12101917, 12126470, 22048271, 22074968, 22074969 1986-04



**5621-BP** (1 PC)  
18GA Multi-Port Fuel Injector Solenoid PT113, 12085491  
Lucas & Bosch Injectors 1986-03



**5624-BP** (1 PC)  
18GA Throttle Body Injection PT285, 12102568 1986-99



**5625-BP** (1 PC)  
18GA Lucas & Bosch Fuel Injector PT2164, 88861107



**5632-BP** (1 PC)  
Ignition Coil 2-18GA Coil No. 1115315, 1115317  
PT1909, 88860464 1985-95



**5633-BP** (1 PC)  
Ignition Coil 1-18, 1-12GA PT166, 12101896 1985-98



**5638-BP** (1 PC)  
18GA Conering / Fog Lamp & Speed Sensor Halogen Bulb 881, 889, 894 PT120, 12043215, 12085498 1984-03



### 2 Wire



**5642-BP** (1 PC)  
14GA Power Window Motor  
PT186, PT407,  
12101914, 12102779  
1990-03



**5652-BP** (1 PC)  
18GA Direct Ignition / Door Lock Actuator No.  
22144362, 22144363  
PT247, 12101855  
1987-03

### 3 Wire



**5357-BP** (1 PC)  
Dimmer Switch for Floor Mounted Dimmer Switches  
PT1994, 88860549  
1957-86



**5514-11** (1 PC) **NEW!**  
Throttle Position Sensor  
PT2319, 12102748  
1989-04



**5603-BP** (1 PC)  
16GA Crankshaft / Coolant Temperature Sensor / Power Steering Pressure Switch  
PT105, PT782,  
12085483, 12167116  
1986-97



**5606-BP** (1 PC)  
Camshaft Sensor  
PT148, 12085538  
1986-90



**5607-11** (1 PC)  
Crankshaft Position Sensor / Electric Brake Module Sensor / Cooling Fan Motor Sensor / Coolant Level Switch Sensor / Various  
PT420, 12117025  
1990-04



**5609-BP** (1 PC)  
Three Pin Oil Pressure Switch  
PT121, 12085499  
1987-99



**5613-BP** (1 PC)  
18GA Manifold Absolute Pressure Sensor  
MAP Sensor 1637039  
PT123, 12085502  
1982-03

### 3 Wire



**5617-BP** (1 PC)  
18GA Throttle Position Sensor for GM Vehicles with Fuel Injection  
PT195, PT430,  
12101923, 12116257  
1989-03



**5622-BP** (1 PC)  
Alternators with Internal Voltage Regulator  
PT494, 12085525,  
12085526, 12085527,  
12085528, 12101895,  
12117361 1987-89



**5643-BP** (1 PC)  
20GA Throttle Position Sensor, Various Sensors & Switches  
Sensor No. 17112679  
PT375, PT743,  
12102748, 12126473  
1989-04

### 4 Wire



**5515-11** (1 PC)  
Blower Motor Resistor  
PT1231 **NEW!**  
1994-09



**5602-BP** (1 PC)  
18GA Distributor Module / Idle Air Control / Various  
Crank Sensor No.  
25526124, 25535481,  
25526122  
Module No. 1987466  
PT757, 12126487  
1985-96



**5612-BP** (1 PC)  
18GA Idle Air Control Valve for Vehicles with Fuel Injection  
PT127, 12085506  
1982-95



**5629-11** (1 PC) **NEW!**  
Crankshaft Position Sensor  
PT1174, 15305942  
1993-04



**5646-BP** (1 PC)  
Fan Speed Switch No.  
16015256, 16032480  
PT703, PT1936,  
12126432, 88860491  
1977+

### 4 Wire



**5647-BP** (1 PC)  
18GA Tail Lamp for vehicles with Metri-Pack  
PT1014, 15305873  
1988+



**5657-BP** (1 PC)  
Voltage Regulator Module - Internal Reg.  
PT1742, PT1929,  
1116408, 1116411,  
88860484, 88987962  
1986-95

### 5 Wire



**5649-BP** (1 PC)  
18GA MAP, Mass Airflow Sensor for GM 2.8 Engines with Sequential Fuel Injection  
PT119, 12085497  
1985-96



**5659-BP** (1 PC)  
Ignition Switch  
PT1928, 88860483  
1969-92

### 6 Wire



**5648-BP** (1 PC)  
18GA Cooling Fan Relay No. 10032082, 10038311  
PT194, 12101922  
1985-88



**5653-BP** (1 PC)  
14GA Heavy Duty Flasher / Mini Relay Thermal & Electronic w/ Variable & Fixed Loads  
Fits 4 & 5 Terminal Relays -GM & Universal



**5658-BP** (1 PC)  
Headlamp Switch No. 1995217  
PT1930, 88860485  
1968+



**5663-11** (1 PC)  
16GA Heavy Duty Flasher / Mini Relay Thermal & Electronic w/ Variable & Fixed Loads  
Fits 4 & 5 Terminal Relays -GM & Universal

## GM Service Repair Pigtails

### 7 Wire



**5666-11** (1 PC)  
Blower Motor Resistor  
PT2195, 15862656  
1997-06

### 10 Wire



**5626-BP** (1 PC)  
Ignition  
PT555, PT1964,  
12125643, 88860519  
GN CG & P Trucks  
1967-93

## GM Socket Assemblies

### 2 Wire



**5406-BP** (1 PC)  
Park / Stop / Tail / Turn  
Flush mount, snap-in.  
1-1/8" Mount Hole  
LS224, 5947900,  
8861101 Bulb No. 1034,  
1154, 1157



**5410-BP** (1 PC)  
Front / Rear / Side  
Marker  
LS32, 12037105,  
12083460 Bulb No. 194  
1982-03



**5412-BP** (1 PC)  
Backup  
90° Mounting  
LS53, 12003758  
Bulb No. 1003, 1073,  
1129, 1133, 1141, 1156  
1980-03



**5417-BP** (1 PC)  
Cornering / License /  
Side Marker  
4274100, LS51, 8912750,  
12003896 Bulb No. 161,  
168, 194, 194A 1970-92



**5418-BP** (1 PC)  
Cornering / License /  
Side Marker  
Fits most US manufac-  
tured vehicles  
6294015, 6298886,  
6298892, 6298935,  
8901283, 8901257,  
8918527 Bulb No. 67,  
131, 158, 161, 168, 194,  
194A 1957-96



**5446-BP** (1 PC)  
Backup  
LS17, 12085330 Wedge  
Bulb 3156 1990-03

### 2 Wire



**5486-11** (1 PC)  
Park / Stop / Tail / Turn  
LS2, 909527, 8904437,  
571721C91  
Bulb No. 1156  
IHC Trucks 1973-80



**5623-11** (1 PC) **NEW!**  
License / Park / Side  
Marker / Tail  
LS44, LS176  
Bulb No. 194 1992-04



**5630-BP** (1 PC)  
Cornering / Marker  
LS13, 12083007,  
12112768  
Wedge Bulb 24 1984-03

### 3 Wire



**5402-BP** (1 PC)  
Park / Stop / Tail / Turn  
LS4, 8903202, 8914822,  
571722C91 Bulb No.  
1034, 1154, 1157  
1969-91



**5403-BP** (1 PC)  
Park / Stop / Tail / Turn  
8903283, 8909517,  
8909908 Bulb No. 1034,  
1154, 1157 1970-93



**5411-BP** (1 PC)  
Backup / Stop / Tail /  
Turn 90°  
8218931, 4331051,  
LS7, 12003759 Bulb  
No. 1034, 1154, 1157  
1977-02



**5413-BP** (1 PC)  
Rear Turn / Stop / Tail  
90° Mounting  
LS6, 12003757 Bulb  
No. 1034, 1154, 1157  
1980-02

### 3 Wire



**5425-BP** (1 PC)  
Park / Turn  
LS8, 8919916, 12013813  
Bulb No. 1034, 1154,  
1157 1976-99



**5426-BP** (1 PC)  
Backup / Front Grille /  
Park / Turn  
LS11, 12083005,  
12092377 Wedge Bulb  
3057, 3157 1988-99



**5427-BP** (1 PC)  
Stop / Tail / Turn  
LS12, 12083006 Wedge  
Bulb 3057, 3157 1988-03



**5428-BP** (1 PC)  
Backup / Rear Turn /  
Stop / Tail  
12076946 Wedge Bulb  
3057, 3157 1988-03



**5429-BP** (1 PC)  
Backup / Rear Turn /  
Stop / Tail  
LS54, 12083680,  
12159662 Wedge  
Bulb 3057, 3157, 4157  
1989-96



**5445-BP** (1 PC)  
Park / Stop / Tail / Turn  
LS65, 8903203, 8914823,  
9814823 Bulb No. 1034,  
1154, 1157 1969-99



**5447-BP** (1 PC)  
Park / Stop / Tail / Turn  
LS15, 12083689 Wedge  
Bulb 3057, 3157 1990-03



### 1 Wire



**5747-BP** (1 PC)  
16GA Alternator Regulator & A/C Clutch Field  
5U2Z-14S411-TA 1994+

### 2 Wire



**5331-BP** (1 PC)  
16GA 90A Alternator  
PT2065, 89057717  
1974-94



**5713-11** (1 PC)  
16GA Ignition Coil  
Coil No. F7TZ-12029-CC  
1999+



**5714-11** (1 PC)  
Fuel Injector  
Ford 4, 6, 8, 10 Cylinder  
Cars & Trucks 1999+



**5715-11** (1 PC)  
16GA Alternator No.  
F81Z-10346-EARM  
1996+



**5721-BP** (1 PC)  
Windshield Washer  
Pump No. E3AZ-17664A,  
E0AZ-17664A 1968-94



**5722-BP** (1 PC)  
Air Charge Temperature  
Sensor E1AZ-12A697A  
Ford w/ Fuel Injection  
1981-86



**5723-BP** (1 PC)  
14GA Radiator Fan Temperature  
Control  
Ford / Mercury Cars  
w/ 2.3L Engine 1981-91



**5733-BP** (1 PC)  
18GA Ignition Coil  
PT1921, 88860476  
1977-87



**5744-BP** (1 PC)  
18GA Power Brake  
D1AZ-13410-A 1965+



**5755-BP** (1 PC)  
18GA Vehicle Speed  
/ ABS Wheel Speed  
PT1983, 88860538  
1993+

### 2 Wire



**5767-11** (1 PC)  
16GA Stop / Taillight  
Fits No. F5RZ-13K371A,  
F5RY-13K371B, F5RZ-  
13N824N  
PT2138, 88861066



**5769-11** (1 PC)  
18GA Backup Lamp  
Switch  
Fits No. C9TZ-15520-C  
PT2003, 88860558

### 3 Wire



**5702-BP** (1 PC)  
Internal Voltage Regulator  
PT1901, 88860456  
1981-90



**5711-BP** (1 PC)  
Alternator  
PT2063, 89057707  
1981-89



**5716-11** (1 PC)  
14GA Alternator, Brake  
Fluid Level Sensor  
1U2Z-14S411TA  
1996-04



**5732-BP** (1 PC)  
14GA Door Jamb / Master  
Cylinder / Power Mirror  
PT1952, 88860507  
1987-96



**5752-BP** (1 PC)  
18GA Throttle Position  
Sensor No. 9B989  
PT1965, 88860520  
1990-96



**5756-BP** (1 PC)  
Inertia Fuel Shut Off  
Switch  
PT1977, 88860532  
1990+



**5774-11** (1 PC)  
Headlamp Switch  
PT2011, 88860566  
1980-94

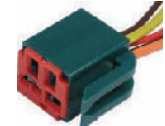
### 4 Wire



**5360-BP** (1 PC)  
Fuel Pump Sending Unit  
/ General Purpose  
PT1908, 88860463  
1985-90



**5719-BP** (1 PC)  
Fan Speed Switch No.  
E6DZ-19986-A, E9SZ-A,  
F2DZ-A, F2UZ-A, F2UZ-B  
PT1941, 88860496  
1986-93



**5725-BP** (1 PC)  
Fuel Pump Relay No.  
E3FZ-9345-B  
PT1926, 88860481  
1992-96



**5734-BP** (1 PC)  
14GA Blower Motor  
Resistor Assembly No.  
E7TZ-19A706-A  
PT1841, 89057711  
Ford Trucks 1986-94



**5737-BP** (1 PC)  
Oxygen Sensor  
PT1947, 88860502  
Ford Trucks 1989-94



**5745-BP** (1 PC)  
18GA Electronic Ignition  
Module, 3 Pin  
PT1946, 88860501  
1975-91



**5746-BP** (1 PC)  
16GA Electronic Ignition  
Module, 4 Pin  
PT1982, 88860537  
1975+



**5750-BP** (1 PC)  
Mass Airflow Sensor  
PT1953, 88860508  
1989-92



**5757-BP** (1 PC)  
Multi-Function Switch  
PT1955, 88860510



## Ford Service Repair Pigtails

### 5 Wire



**5735-BP** (1 PC)  
12GA Heater/AC Blower  
PT1942, 88860497  
1973-94



**5751-BP** (1 PC)  
EEC Relay No.  
E3AZ-12A646-A  
PT1954, 88860509  
1983-96



**5765-BP** (1 PC)  
Horn & Blower Relay No.  
FOA8-14B193  
PT1992, 88860547  
1990-97



**5771-11** (1 PC)  
Blower Motor Switch  
No. E83Z-19986A  
PT2006, 88860561  
1990-94



**5775-11** (1 PC)  
Blower Motor Resistor  
No. F1CZ-19A796-A,  
F7CZ-19A706-AA  
Escort & Tracer 1991

### 6 Wire



**5436-BP** (1 PC)  
Voltage Regulator  
PT2030, 88860585  
1965-81



**5710-BP** (1 PC)  
14GA Ignition Module  
PT1902, E8TZ12A-297A,  
88860457  
1988-91



**5764-BP** (1 PC)  
Ignition Switch  
PT1991, 88860545  
1970+

### 7 Wire



**5748-BP** (1 PC)  
Ignition Switch  
PT1934, 88860489  
1986-95



**5761-BP** (1 PC)  
Multi-Function Switch  
PT1960, 88860515



**5763-BP** (1 PC)  
Ignition Switch  
PT1989, 88860544  
1990+

### 8 Wire



**5704-BP** (1 PC)  
18GA EEC-IV Test Plug  
PT1932, 88860487  
1983-94



**5730-BP** (1 PC)  
Headlamp Switch No.  
E6DZ-11654-A, F2DZ-A  
PT1940, 88860495  
1986-95



**5768-11** (1 PC)  
16GA Backup / Daytime  
Running Lights / Lever  
Position Switch / Neutral  
Safety Switch / Trans-  
mission  
F2PZ-14A464C, F4UB-  
14A464A 1990-97



**5772-11** (1 PC)  
Manual Lever Position  
Sensor  
Used in place of con-  
nector. Supplied with  
switch for early models  
and O.E. switch for late  
models. Switch No.  
F5TZ-7A247A  
PT1996, 88860551,  
WPT-389 1984-97

### 9 Wire



**5361-BP** (1 PC)  
Headlamp Switch  
PT1931, 88860486  
Cars 1979-2000  
Trucks 1987-99



**5758-BP** (1 PC)  
16GA Turn Signal /  
Multi-Function Switch  
PT1956, 88860511  
1986-93



**5759-BP** (1 PC)  
16GA Turn Signal /  
Multi-Function Switch  
PT1957, 88860512  
1986-92

### 11 Wire



**5627-11** (1 PC)  
Headlamp Switch  
1U2Z-14S411BXA  
Explorer & Ranger  
1995-04



**5760-BP** (1 PC)  
18GA Multi-Function  
Switch  
PT1959, 88860514

### 12 Wire



**5491-11** (1 PC)  
Transmission Lever Posi-  
tion Sensor  
F7TZ-7F293-AA  
F Series 1997-2003



**5773-11** (1 PC)  
Ignition Control Module  
PT2004, 88860559  
1992-02

### 1 Wire



**5454-BP** (1 PC)  
Park / Stop / Tail / Turn  
LS226, 88861103  
Bulb No. 63, 67, 81, 87,  
89, 93, 209, 1003,  
1073, 1129, 1133, 1141,  
1156

### 2 Wire



**5441-BP** (1 PC)  
Park / Stop / Tail / Turn  
D0AZ-13410-B, D1AZ-A,  
D2AZ-B, D3AZ-A  
Bulb No. 1034, 1154,  
1157 1-1/8" Mount Hole  
1970-80



**5450-BP** (1 PC)  
Backup / Tail  
D3AZ-13410A, D80Z-  
15434A Bulb No. 1156  
1973-80



**5455-BP** (1 PC)  
Park / Stop / Tail / Turn  
LS126, 88860428  
Bulb No. 198, 1016,  
1034, 1154, 1157  
11/16" Mount Hole



**5476-BP** (1 PC)  
Front / Park / Turn  
D3AZ-13410E, D8BZ-  
13412A Bulb No. 1141  
1975-77



**5483-11** (1 PC)  
Backup  
LS151, 88860468  
Bulb No. 1156  
Trucks & Bronco 1980-90

### 3 Wire



**5449-11** (1 PC)  
Front Turn / Park & Rear  
Stop / Park / Turn **NEW!**  
F1TZ-13411A  
Bulb No. 3157 1996-04



**5451-BP** (1 PC)  
Park / Stop / Tail / Turn  
D2FZ-13410A, D3AZ-  
13410B, D5DZ,  
D5VY-13410A  
Bulb No. 1157  
Cars 1973-80



**5452-BP** (1 PC)  
Park / Stop / Tail / Turn  
D3AZ-13410D, D4OZ-  
13234A, D4OZ-13410A,  
D2AB-14A553FA  
Bulb No. 1157 1973-79



**5453-11** (1 PC) **NEW!**  
Side Marker / Stop / Tail  
/ Turn F47Z-13411  
Bulb No. 3057, 3157,  
3357, 4157, 4114K  
1996-03



**5456-11** (1 PC) **NEW!**  
Park / Turn  
F3LY-13411  
Bulb No. 3057, 3157,  
3357, 4157, 4114K  
1993-03



**5470-BP** (1 PC)  
Front Turn / Park  
D4OZ-13234A, D7FZ-  
13234A, D7FZ-13234B,  
D7FZ-13234D  
Bulb No. 1157 1974-80



**5471-BP** (1 PC)  
Park / Turn  
D3MY-13410A, D4DZ-  
13234A, D54Y-13234A  
Bulb No. 1157 1974-76

### 3 Wire



**5472-BP** (1 PC)  
Front Turn / Park  
D4ZZ-13234A  
Bulb No. 1157 1974-77  
HD Trucks 1989-92



**5475-BP** (1 PC)  
Stop / Tail / Turn  
D4LY-13410A  
Bulb No. 1157  
Lincoln 1973-79  
Mercury 1975-78



**5477-BP** (1 PC)  
Park / Turn  
D1FZ-13234A, D5UZ-  
13410A, D7FZ-13234C  
Bulb No. 1157 1973-92



**5478-BP** (1 PC)  
Rear Turn / Stop / Tail  
D70Z-13410A, E1FZ-  
13234A, E2VY-13410A,  
E25Y-13410A  
Bulb No. 1157 1970-90



**5479-BP** (1 PC)  
Marker / Park / Stop /  
Tail / Turn ESPZ-13411B  
Wedge Bulb 2458, 3057,  
3157 1983-95



**5484-BP** (1 PC)  
90° Lamp Socket Base  
PT1972 Wedge Bulb  
1991-96



**5485-BP** (1 PC)  
18GA Straight Lamp  
Socket Base  
PT1980, 88860535  
Wedge Bulb  
Windstar 1995-97

## Accessories



**9470-31** (1 PC) **NEW!**  
4 & 6 Pole Trailer Connector Bracket  
Hardware Included.



**9490-31** (1 PC) **NEW!**  
7 Pole RV Trailer Connector Bracket



**9491-31** (1 PC) **NEW!**  
7 Pole Trailer Connector Bracket



**9479A-E** (1 PC)  
7 Pole Boot for Pico No. 9479 Female Socket

## Adapters



**7706-11** (1 PC)  
4 Pole Round Male to 4 Way Flat Female



**7704-11** (1 PC)  
7 Pole Male Plug to 4 Way Flat Female



**7705-11** (1 PC)  
7 Pole RV Male Plug to 5 Way Flat Female



**7711-11** (1 PC)  
6 Pole Round Male Plug to 4 Way Flat Female



**7717-11** (1 PC)  
**7717-34** (10 PC)  
7 Pole RV Male Plug to 4 Way Flat Female



**7714-11** (1 PC)  
7 Pole RV Male Plug to 6 Way Round Pin Socket

## Converters & Kits



**7693-11** (1 PC)  
4 Way 5' Wiring Kit  
Includes 3 splice connectors.



**7700-11** (1 PC)  
18GA Trailer Light Converter with 4 Way Flat Female



**7719-11** (1 PC)  
Taillight Converter  
For vehicles with rear amber turn signals or separate bulbs for turn signals and brake lights. Weatherproof double mold design.



**7695-11** (1 PC)  
4 Way 24' Wiring Kit  
Includes 6 splice connectors.

## Vehicle to Trailer



**7745-BP** (1 PC)  
Chevrolet/GM  
1984 & Earlier



**7755-11** (1 PC)  
Canyon/Colorado  
2004+



**7827-BP** (1 PC)  
Chrysler/Dodge  
1991-2007



**7747-BP** (1 PC)  
Chevrolet/GM  
1988+



**7770-BP** (1 PC)  
Ford  
1987-1997






Plugs are polarized with colour coded wire for automotive, marine, recreational and truck applications. Rated to 105°C (221°F)


### 2 Pin Trailer Connectors



 Gauge	Length	1 PC	10 PC	100 PC
16 AWG	12"	1871-BP	1871-PK	1871-C
16 AWG	24"	1891-11	1891-34	1891-36
12 AWG	12"	1890-11	1890-34	1890-36
10 AWG	12"	1878-BP	1878-PK	1878-C


### 3 Pin Trailer Connectors



 Gauge	Length	1 PC	10 PC	100 PC
16 AWG	12"	1872-BP	1872-PK	1872-C


### 4 Pin Trailer Connectors



 Gauge	Length	1 PC	10 PC	100 PC
16 AWG	12"	1873-BP	1873-PK	1873-C
16 AWG	24"	1893-11	1893-34	1893-36


### 4 Pin Female Trailer Connectors



 Gauge	Length	1 PC	10 PC
16 AWG	6"	7694-11	7694-34


### 4 Pin Moisture Proof Trailer Connectors



 Gauge	Length	1 PC
18 AWG	12"	1874-BP


### 4 Pin Shrouded Trailer Connectors



 Gauge	Length	1 PC
18 AWG	4'	7716-11


### 4 Pin Shrouded Male Trailer Connectors



 Gauge	Length	1 PC
18 AWG	4'	7715-11


### 4 Pin Extension with Lead Wire



 Gauge	Length	1 PC
18 AWG	4'	7710-11


### 5 Pin Trailer Connectors



 Gauge	Length	1 PC	10 PC	100 PC
16 AWG	12"	1894-11	1894-34	1894-36


### 5 Pin Square Trailer Connectors



 Gauge	Length	1 PC
18 AWG	12"	1875-BP

### 6 Pin Square Trailer Connectors



 Gauge	Length	1 PC
18 AWG	12"	1879-BP

## Plugs & Sockets



### 4 Pole Socket & Plug

Spring loaded socket cover. Chrome plated die cast housing. 20 Amp

Description	1 PC	10 PC
Female Socket	<b>9473-BP</b>	<b>9473-34</b>
Male Plug	<b>9472-BP</b>	<b>9472-34</b>
Socket & Plug	<b>9471-91</b>	



### 6 Pole Socket & Plug

Spring loaded socket cover. Die cast housing. 12-24V 35 Amp

Description	1 PC	10 PC
Female Socket	<b>9477-E</b>	<b>9477-34</b>
Male Plug	<b>9475-11</b>	<b>9475-34</b>
Male Plug w/ Guard Spring	<b>9476-11</b>	<b>9476-34</b>
Socket & Plug	<b>9474-91</b>	



### Heavy Duty 4 Pole Female Socket

Spring loaded socket cover. Heavy duty die cast housing. 12-24V 35 Amp

1 PC	10 PC
<b>9473HD-BP</b>	<b>9473HD-34</b>



### Heavy Duty 4 Pole Male Plug

Heavy duty die cast housing. 12-24V 35 Amp

1 PC	10 PC
<b>9472HD-BP</b>	<b>9472HD-34</b>



### 7 Pole Female Socket

Split pin design. Die cast housing. 40 Amp

1 PC	10 PC
<b>9479-E</b>	<b>9479-34</b>



### 7 Pole Male Plug

Includes cable guard spring. Die cast housing. 40 Amp

Description	1 PC	10 PC
Plug w/ Guard Spring	<b>9478-11</b>	<b>9478-34</b>
Guard Spring	<b>9468-31</b>	



### ABS 7 Pole Female RV Socket

1 PC	10 PC
<b>9483-BP</b>	<b>9483-34</b>



### ABS 7 Pole Male RV Plug

1 PC	10 PC
<b>9482-BP</b>	<b>9482-34</b>



### Plated Steel 7 Pole Female RV Socket

40 Amp

**NEW!**

1 PC
<b>9485-31</b>



### Plated Steel 7 Pole Male RV Plug

40 Amp

**NEW!**

1 PC
<b>9484-31</b>



### 7 Pole RV/4 Way Flat 2 in 1 Female Socket

Mounting bracket and hardware included.

1 PC
<b>7712-31</b>



### 7 Pole Pre-Wired Female RV Socket

7 Pole RV Socket with 4 Way Flat Male Connector

1 PC
<b>7713-11</b>



## Battery & Ignition Tools



**681T-E** (1 PC)  
Battery Terminal Lifter  
Lifts cables off battery post eliminating post damage.



**682T-E** (1 PC)  
Battery Terminal Spreader



**655T-E** (1 PC)  
Ignition tool cuts and strips 7mm & 8mm ignition wire as well as 22-10 gauge primary wire. Crimps ignition terminals with "W" or "F" crimp.

## Cable Cutters



**650T-E** (1 PC)  
20-2/0 AWG



**651-31** (1 PC)  
10-3/0 AWG  
**NEW!** 8" Handles



**652-31** (1 PC)  
6-4/0 AWG Heavy Duty  
20" Handles  
**NEW!**

## Crimp Tools



**100T-E** (1 PC)  
22-10 Non-Insulated



**300T-E** (1 PC)  
22-10 Non-Insulated, Insulated, Ignition



**350T-E** (1 PC)  
22-10 Non-Insulated, Insulated, Ignition



**465T-31** (1 PC)  
22-10 Non-Insulated, Insulated, Ignition



**312-31** (1 PC)  
Deluxe Ratchet - 22-10 Insulated



**313T-E** (1 PC)  
Deluxe Ratchet - 22-8 Non-Insulated



**320T-E** (1 PC)  
Deluxe Ratchet - 22-14 Insulated Flag



**340-31** (1 PC)  
Deluxe Ratchet - 22-10 Closed-End, Heat Shrink



**400T-31** (1 PC)  
22-10 AWG Wire Stripper  
Hand crimper and stripper for electronic and appliance production stripping.



**643T-E** (1 PC)  
HD Bench Mount - 6-4/0 Lugs, Terminals  
Distributes equal force on all three sides, eliminating pinching and fracturing. Mounted tool helps prevent loss, damage and theft.



**642T-E** (1 PC)  
HD Compact - 6-1/0 Lugs, Terminals  
Designed for medium-heavy duty crimps. Ideal for when space is restricted.



**640T-E** (1 PC)  
HD - 6-4/0 Lugs, Terminals  
Over 50 settings that easily adjust with the two finger dial.



**365-31** (1 PC)  
HD 22-10 Non-Insulated, Insulated  
Convenient wire cutter at nose.  
**NEW!**



**644-31** (1 PC)  
HD Diamond Crimp Tool  
6GA-250MCM  
Diamond crimp completely compresses cable with 5 tons of force.  
**NEW!**



**645-31** (1 PC)  
HD Bench Mount Diamond Crimp Tool  
6GA-250MCM  
Provides added leverage for larger cable size.  
**NEW!**



**641T-E** (1 PC)  
HD Indent Crimper - 6-4/0 Lugs, Terminals  
Simply use with vice or hammer. Designed to prevent over-crimping.



**335-31** (1 PC)  
HD Ratchet - 12-2 Lugs, Terminals  
**NEW!**

## Cable Tie Tools



**803-31** (1 PC) **NEW!**  
Automatic Tension & Cutter  
18-50 lb Cable Ties



**801-31** (1 PC)  
Tension & Cutter  
18-50 lb Cable Ties  
Manual Twist Cut



**805-31** (1 PC) **NEW!**  
Tension & Cutter  
120-485 lb. Stainless Steel Cable Ties  
Manual Cut



**802-31** (1 PC)  
Cable Tie Removal Tool  
Safety guards slide behind the strap to prevent the sharp blades from contacting the bundled items.



**804-31** (1 PC) **NEW!**  
Tension & Cutter  
120-175 lb. Cable Ties  
Manual Handle Cut



### Torches & Heat Gun

Torches do not include butane.



**8257-31** (1 PC) **NEW!**  
4 in 1 Butane Torch  
Use as a torch, soldering iron, hot air blower or shrink tube tool. Includes base stand, soldering tip, torch sleeve, hot air blower sleeve and shrink tube deflector.



2400°F (1300°C)

**8244-31** (1 PC)  
Fuel Cell Torch  
Fuel cell included with torch. Piezo Electronic Ignition System, Refillable, Safety Locking Switch, Windproof Flame



2400°F (1300°C)

**8254-31** (1 PC)  
Pocket Torch  
Compact size allows it to fit easily into any first aid, survival or tool kit. Piezo Electronic Ignition System, Refillable, Windproof Flame & Ignition



**8245-E** (1 PC)  
Electric Heat Gun  
A must have for every shrink tube user. High: 1100°F (590°C) Low: 250°F (120°C)



1200°F (650°C)

**8256-31** (1 PC)  
Flameless Fuel Cell Torch  
Fuel cell and detachable heat reflector included with torch. Piezo Electronic Ignition System, Refillable, Safety Locking Switch, Flameless



2400°F (1300°C)

**8247-31** (1 PC)  
Pro-Torch™  
Butane not supplied with torch. Piezo Electronic Ignition System, Refillable, Safety Locking Switch, Windproof Flame & Ignition

### Extra Heavy Duty Utility Knives & Blades

Comfortably cuts leather, rubber, cardboard, roofing, drywall, heavy rope, linoleum, thick carpet - even plywood!



**684-31** (1 PC) **NEW!**  
Cutter  
Features ratchet wheel blade lock and anti-slip cushion handle for exceptional comfort and safety.



**685-31** (1 PC) **NEW!**  
Blades - 5 Pack



**689-31** (1 PC) **NEW!**  
Blades - 20 Pack  
**25% Sharper**  
Made for jobs that require superior sharpness.

### Heavy Duty Utility Knives & Blades

Made from the highest grade carbon tool steel. Comfortably cuts leather, rubber, cardboard, rope, paper, carpet, fiberglass, acetates, linoleum, plastic...



**687-31** (1 PC)  
Blades - 10 Pack



**683-31** (1 PC) **NEW!**  
Blades - 5 Pack  
**25% Sharper**  
Double-honed blades are up to 25% sharper than the regular blades.



**691-31** (1 PC) **NEW!**  
Cutter - Comfort Grip  
Features auto-lock, metal pick and anti-slip cushion handle.



**687T-31** (1 PC)  
Cutter  
Features ratchet wheel blade lock and a heavy gauge stainless steel blade channel to hold blades tight.



**688T-31** (1 PC)  
Cutter - Rubber Grip  
Features rubber inset high-impact handle and ratchet-wheel lock.



**694-31** (1 PC) **NEW!**  
Hook Blades - 5 Pack  
Unique snap-off hook blade.

### Light Duty Utility Knives & Blades

Comfortably cuts corrugate, wallpaper, acetates, caulking, foamboard, vinyl and wallpaper.



**686-31** (1 PC)  
Blades - 10 Pack



**686T-31** (1 PC)  
Cutter  
Features positive slide lock, built-in pocket clip and blade snapper.



**690-31** (1 PC) **NEW!**  
Cutter - Comfort Grip  
Features auto-lock, anti-slip cushion handle, pocket clip and blade snapper.



**695-31** (1 PC) **NEW!**  
Blades  
**25% Sharper**  
Made for jobs that require superior sharpness.



## Safety Utility Knives & Blades

Comfortably cuts shrinkwrap, plastic strapping and leather.



**692-31** (1 PC) **NEW!**  
 Concealed Blade Safety Cutter  
 Features blunt edge for safe handling.



**693-31** (1 PC) **NEW!**  
 Blades - 10 Pack

## Welding Compound



### Welding Compound

JB Weld is packaged in 2 tubes. One contains liquid steel/epoxy resin and the other contains hardener. When mixed together a chemical reaction occurs turning the mixture into a compound as hard and tough as steel. It can be formed, drilled, tapped, machined, filled, sanded and painted. Petroleum, chemical and acid resistant. Waterproof and non-toxic.

**1 Pack**

**6 Packs**

9035-E

9035-CT

## Wire Tester



**1582-E** (1 PC)

Professional electrical tester with insulated mini-gator clip for positive contact and a sharp pierce-point for penetrating all low voltage wiring. 6-12V  
 Bulb No. 93

## Wire Markers



### Wire Marker Dispenser

Each dispenser contains 10 rolls of tape, numbered 0-9. Each roll has 76 markers pre-cut at 1-1/4", for a total of 760 markers per dispenser. Can be hooked on a tool belt or carried in a shirt pocket. Re-usable and refillable.

**Part No.**

**Qty**

7086-E

1



### Wire Marker Tape

Each individual marker is mounted on a silicone release liner and has an acrylic adhesive, which is resistant to oil and water. The marker itself is made of Tyvek to assure durability and minimize the potential of tearing during application.

**Roll #**

**1 Roll**

**10 Rolls**

0

7087-0-11

7087-0-35

1

7087-1-11

7087-1-35

2

7087-2-11

7087-2-35

3

7087-3-11

7087-3-35

4

7087-4-11

7087-4-35

5

7087-5-11

7087-5-35

6

7087-6-11

7087-6-35

7

7087-7-11

7087-7-35

8

7087-8-11

7087-8-35

9

7087-9-11

7087-9-35

## Wire Strippers



**450T-31** (1 PC)  
 20-10 AWG Pocket Size Wire Stripper



**400T-31** (1 PC)  
 22-10 AWG Wire Stripper  
 Hand crimper and stripper for electronic and appliance production stripping.



**455T-E** (1 PC)  
 24-10 AWG Automatic Wire Stripper  
 Self-adjusting automatic wire stripper. Crimps insulated and non-insulated terminals.



**451-31** (1 PC)  
 8-4/0 AWG Wire Stripper  
 Pocket size wire stripper. Strips quickly, cleanly and easily.



**452-31** (1 PC)  
 8-4/0 AWG Wire Stripper  
 Pocket size wire stripper. Strips quickly, cleanly and easily.



**453-31** (1 PC)  
 Blade for **451** Wire Stripper



**454-31** (1 PC)  
 Blade for **452** Wire Stripper



## Loom Tools



**806-31** (1 PC)  
Wire Insertion Tool  
1/4" to 7/16"  
**NEW!**



**808-31** (1 PC)  
Wire Insertion Tool  
3/4" to 7/8"  
**NEW!**



**810-91** **NEW!**  
Wire Insertion Tool Kit  
1/4" to 1-1/4"  
(1 of Each Size)



**807-31** (1 PC)  
Wire Insertion Tool  
1/2" to 5/8"  
**NEW!**



**809-31** (1 PC)  
Wire Insertion Tool  
1" to 1-1/4"  
**NEW!**



## Tape



**33' All Weather PVC**  
33 ft. / Roll (10 m)  
Rated -10°C to 80°C, 600V  
3/4" Wide x 0.007" Thick

Colour	1 Roll	10 Rolls	300 Rolls
Black	<b>3433-0-E</b>	<b>3433-0-RL</b>	<b>3433-0-35</b>



**66' All Weather PVC**  
66 ft. / Roll (20 m)  
Rated -10°C to 80°C, 600V  
3/4" Wide x 0.007" Thick

Colour	1 Roll	10 Rolls	200 Rolls
Black	<b>3466-0-E</b>	<b>3466-0-RL</b>	<b>3466-0-35</b>
Blue	<b>3466-1-E</b>	<b>3466-1-RL</b>	<b>3466-1-35</b>
Green	<b>3466-3-E</b>	<b>3466-3-RL</b>	<b>3466-3-35</b>
Orange	<b>3466-4-E</b>	<b>3466-4-RL</b>	<b>3466-4-35</b>
Red	<b>3466-5-E</b>	<b>3466-5-RL</b>	<b>3466-5-35</b>
White	<b>3466-6-E</b>	<b>3466-6-RL</b>	<b>3466-6-35</b>
Yellow	<b>3466-7-E</b>	<b>3466-7-RL</b>	<b>3466-7-35</b>



**66' Cold Weather Flame Retardant Tape**  
66 ft. / Roll (20 m)  
Gloss surface finish.  
Rated -18°C to 105°C, 600V  
3/4" Wide x 0.0085" Thick

Colour	1 Roll	10 Rolls
Black	<b>3468-31</b>	<b>3468-37</b>



### 40' PTFE Thread Seal Tape

Made of 100% pure virgin PTFE. Easier to wrap, even in the cold. Offers a clean, quick and highly effective means of sealing threaded pipe fittings in the engineering, chemical and electrical industries. It may be used with pipes of any material and with any medium, including oils, solvents and the strongest alkalis, acids and other corrosive chemicals. Rated -190°C to 280°C  
40 ft. / Roll (12.2 m) 1/2" Thick

1 Roll	10 Rolls
<b>3467-E</b>	<b>3467-34</b>



### 22' Self-Bonding Rubber Splice Tape

Self-amalgamating, low voltage rubber tape. For use as primary insulation at no more than 600V. It easily conforms to irregular shapes and surfaces yielding a void free, electrically stable build-up. It is compatible with all extruded dielectric cable insulations. Rated 600V  
3/4" Wide x 0.030" Thick  
22 ft. / Roll (6.7 m)

1 Roll	10 Rolls	100 Rolls
<b>3465-E</b>	<b>3465-RL</b>	<b>3465-CS</b>



### Liquid Electrical Tape

Thousands of uses around the home, boat, RV as well as industrial uses. Forms a protective, waterproof, UV resistant, dielectric coating. Prevents corrosion on wires and terminals. Patented, UL® tested, fast drying formula. Dries to touch in about 10 minutes and fully cures in 24 hours.

1 Case of 6 x 4oz Cans
<b>9040-35</b>

## Weather Pack Tools



**186-31** (1 PC)  
Deluxe Ratchet Crimp  
22-10 OEM Terminals  
Makes perfect crimps every time.



**187-31** (1 PC)  
Crimps 24-14 Open Barrel OEM Terminals  
Makes Precision "F" Crimps



**188-E** (1 PC)  
Crimps 24-14 OEM Terminals



**200-31** (1 PC)  
Weather Pack Extractor & Picks  
Contains one extractor, one narrow pick (0.05") and one wide pick (0.09"). Releases and extracts GM, Ford, Chrysler OEM terminals.

**Duetsch Tools located on Page 23**





### 5-10 Amp Test Clip Assortment Pack

Contains Alligator & Mini-Gator Clips & Boots



Part No.	Qty
1584-91	1 (16 PC)



### 10 Amp Test Clip Assortment Pack

Contains Alligator Clips & Boots



Part No.	Qty
1585-91	1 (16 PC)



### 30" Pre-Assembled Alligator Test Clips

3/8" (9.5 mm) Jaw Opening  
Cadmium Plated Steel  
10 Amp, 18 AWG

1 PC	25 PC
1575-BP	1575-PK



### Alligator Boots

Use with Pico No. 1588 Alligator Clips

Description	2 Pair	5 Pair	25 PC	100 PC
Pair	1569-14	1569-34		
Positive			1570-PK	1570-C
Negative			1571-PK	1571-C



### Alligator Clips

3/8" (9.5 mm) Jaw Opening  
Cadmium Plated Steel  
10 Amp

Description	1 Pair	2 PC	25 PC	100 PC
Insulated Pair	1568-12			
Insulated Positive		1572-BP	1572-PK	1572-C
Insulated Negative		1573-BP	1573-PK	1573-C
Non-Insulated		1588-BP	1588-PK	1588-C



### Mini-Gator Clips

3/16" (4.76 mm) Jaw Opening  
Cadmium Plated Steel  
5 Amp

Description	1 Pair	2 PC	25 PC	100 PC
Insulated Pair	1574-BP			
Insulated Negative		1574-0-BP	1574-0-PK	
Insulated Positive		1574-5-BP	1574-5-PK	
Non-Insulated		1587-BP	1587-PK	1587-C



### Test Clips

Interlocking necks prevent jaw offset. Copper shunt gives spring complete protection and a long life. Cadmium Plated Steel

Amp	1 PC	10 PC	100 PC
10	835-BP	835-PK	835-C
25	836-BP	836-34	836-C
50	837-E	837-34	837-C

## Battery Bolts, Adapters & Accessories



### Battery Nut & Bolt

5/16"-18 x 1 1/4"

2 PC	25 PC	100 PC
895-BP	895-PK	895-C



### Group 31 Nut

Stainless Steel Sintered Metal  
3/8" Stud (16 UNC), 9/16" Hex Head

1 PC	5 PC
5296-11	5296-PK



### Flag to Post Adapter

Designed to convert most group U-1 flag terminal batteries to post terminal applications.

Part No.	Qty
883-11	1

## Battery Bolts, Adapters & Accessories



### Lead Shim

Universal lead shim slips over worn posts.

2 PC	5 PC
<b>877-12</b>	<b>877-34</b>



### Lead Spacer

Allows more cable adjustment.  
3/8" Stud

Part No.	Qty
<b>876-11</b>	1



### Military Battery Post Adapters

Description	1 PC	5 PC
Negative	<b>881N-11</b>	<b>881N-34</b>
Positive	<b>881P-11</b>	<b>881P-34</b>



### OEM Side Post Replacement Bolts

Zinc Plated Steel  
3/8" Stud

Description	1 PC	5 PC
Short	<b>5297-11</b>	<b>5297-PK</b>
Long	<b>5299-11</b>	<b>5299-PK</b>
Extra Long	<b>5298-11</b>	<b>5298-PK</b>



### Post & Terminal Metal Brush

Compact metal brush contains two wire brushes for post and terminal cleaning.

Part No.	Qty
<b>9033-11</b>	1



### Side Post Adapters

Converts top post terminal battery for use with side post cables.

Description	1 PC	5 PC
Pair	<b>878-BP</b>	
Negative	<b>878N-BP</b>	<b>878N-PK</b>
Positive	<b>878P-BP</b>	<b>878P-PK</b>



### Side Post Brass Bolt Extender

Truck battery side post adapter. Accessory bolt provides extra power site for double stacked side post cables.  
1-13/16" Long, 3/8" Stud

1 PC	5 PC
<b>6194-11</b>	<b>6194-34</b>



### Side Post Brass Bolt Extender

Accessory Bolt  
1 3/4" Long, 3/8" Stud  
Threading: 24 (left), 16 (right)

1 PC	5 PC
<b>6195-11</b>	<b>6195-34</b>



### Top Post Brass Bolt Extender

Accessory Bolt  
2" Long, 3/8" & 5/16" Stud  
Threading: 16 (left), 18 (right)

1 PC	5 PC
<b>6196-11</b>	<b>6196-34</b>



### Top Post Brass Bolt Extender

Accessory Bolt for Most Import Vehicles  
2 1/4" Long, 3/8" & 1/4" Stud  
Threading: 16 (left), 20 (right)

1 PC	5 PC
<b>6197-11</b>	<b>6197-34</b>



### Side Post Charging Adapters

Threaded stud to screw into side post batteries for easy charging with conventional charging equipment.  
3/8" Stud

Description	1 PC	5 PC
Pair	<b>879-BP</b>	
Negative	<b>879N-11</b>	<b>879N-PK</b>
Positive	<b>879P-11</b>	<b>879P-PK</b>



### Stud To Top Post Adapters

Threaded lead used as an adapter for group hook-up batteries or to convert stud type commercial batteries for use with post type battery cables. 3/8" Stud

Description	1 PC	5 PC
Pair	<b>879F-BP</b>	
Negative	<b>879NF-11</b>	<b>879NF-PK</b>
Positive	<b>879PF-11</b>	<b>879PF-PK</b>



### Washers

Washers inhibit corrosion and prevents escape of acid fumes from battery post seals.

1 Pair	50 Pair
<b>868-12</b>	<b>868-36</b>





Made of 100% copper conductor with gravity cast antimonial lead universal terminals. Full-gauge stranded copper core is flexible for easy installation and allows maximum current for quick starting. Copper core extends to the end of the plated lug to give a one-piece solid connection. Wire meets SAE standards.



### 2-Battery Stud to Power Harnesses

2/0 AWG, 7"

Description	1 PC
Negative	<b>6307-31</b>
Positive	<b>6308-31</b>



### 3-Battery Stud to Power Harnesses

2/0 AWG, 14"

Description	1 PC
Negative	<b>6314-31</b>
Positive	<b>6315-31</b>



### Battery Harness Assemblies 2/0 AWG

Make your own harness system with the stud battery harness. Designed to link Group 31 batteries in series and parallel layouts. Meets or exceeds OEM quality. Pre-assembled harnesses save time and cost of building cables from component parts. Connect array to your existing cables. Use heavy duty battery cables. Length is measured stud-center to stud-center.

Standard Lug	1 PC	10 PC
8-1/2" Negative	<b>850N-31</b>	<b>850N-34</b>
8-1/2" Positive	<b>850P-31</b>	<b>850P-34</b>
17" Negative	<b>851N-31</b>	<b>851N-34</b>
17" Positive	<b>851P-31</b>	<b>851P-34</b>
Stackable Lug	1 PC	10 PC
8-1/2" Negative	<b>855N-E</b>	<b>855N-34</b>
8-1/2" Positive	<b>855P-E</b>	<b>855P-34</b>
17" Negative	<b>856N-E</b>	<b>856N-34</b>
17" Positive	<b>856P-E</b>	<b>856P-34</b>



### Battery to Battery

For series hook-up.

Description	1 PC	10 PC
4 AWG 8"	<b>6248-BP</b>	
4 AWG 15"	<b>6250-BP</b>	
1 AWG 12"	<b>6244-BP</b>	
2/0 AWG 10"	<b>6247-31</b>	<b>6247-34</b>



### Ford F Series Diesel 2/0 AWG

Designed for a dual battery system. Features heavy duty lead die cast terminal ends, protective terminal insulator guards and self-extinguishing cable loom.

Description	1 PC
9.6 feet	<b>6149-31</b>



### OE Style Quick Connect Cable Splice

For fast convenient replacement of hard to reach cables. Replaces corroded portion, not the entire cable. Ideal for automotive, truck, farm and industrial applications.

Part No.	Description	Qty
<b>6186-11</b>	Side Post	1



### OE Style Quick Connect Cable Splice

For fast convenient replacement of hard to reach cables. Replaces corroded portion, not the entire cable. Ideal for automotive, truck, farm and industrial applications.

Part No.	Description	Qty
<b>6185-11</b>	Top Post	1



### OE Style Quick Connect Cable Splice

For fast convenient replacement of hard to reach cables. Replaces corroded portion, not the entire cable. Ideal for automotive, truck, farm and industrial applications.

Part No.	Description	Qty
<b>6184-11</b>	Dual Top Post	1



### Offset Jumpers

For series hook-up.

Description	1 PC
1 AWG 8"	<b>6138-31</b>
1 AWG 12"	<b>6139-31</b>
1 AWG 15"	<b>6140-31</b>
2/0 AWG 8"	<b>6142-31</b>
2/0 AWG 12"	<b>6143-31</b>

## Battery Cables

Made of 100% copper conductor with gravity cast antimonial lead universal terminals. Full-gauge stranded copper core is flexible for easy installation and allows maximum current for quick starting. Copper core extends to the end of the plated lug to give a one-piece solid connection. Wire meets SAE standards.



### Side Post 4 AWG

Black	Length	Red
6227-0-11	20"	6227-BP
6230-0-11	25"	6230-BP
6231-0-11	30"	6231-BP
6232-0-11	35"	6232-BP
6233-0-11	40"	6233-BP
6234-0-11	45"	6234-BP
6235-0-11	50"	6235-BP
6236-0-11	55"	6236-BP
6228-0-11	65"	6228-BP



### Side Post 2 AWG

Black	Length
6150-11	20"
6151-11	25"
6153-11	35"
6155-11	45"
6158-11	65"
6159-11	75"



### Top Post 4 AWG

Black	Length	Red
6200-0-BP	10"	6200-5-BP
6201-0-BP	12"	6201-5-BP
6202-0-BP	15"	6202-5-BP
6203-0-BP	20"	6203-5-BP
6204-0-BP	25"	6204-5-BP
6205-0-BP	32"	6205-5-BP
6206-0-BP	38"	6206-5-BP
6207-0-BP	43"	6207-5-BP
6208-0-BP	48"	6208-5-BP
6209-0-BP	53"	6209-5-BP
6210-0-BP	65"	6210-5-BP
6272-0-BP	72"	6272-5-BP
6278-0-BP	78"	6278-5-BP



### Top Post 1 AWG

Black	Length	Red
6211-0-BP	12"	6211-5-BP
6212-0-BP	16"	6212-5-BP
6213-0-BP	20"	6213-5-BP
6214-0-BP	27"	6214-5-BP
6215-0-BP	34"	6215-5-BP
6216-0-BP	41"	6216-5-BP
6219-0-BP	48"	6219-5-BP
6217-0-BP	58"	6217-5-BP
6218-0-BP	64"	6218-5-BP
6220-0-BP	72"	6220-5-BP
6221-0-BP	78"	6221-5-BP



### Top Post w/ Lead 4 AWG

Description	1 PC	10 PC
12" Red	6261-BP	
24" Red	6258-BP	
32" Red	6259-BP	6259-34
48" Red	6260-BP	6260-34
65" Red	6262-BP	
78" Red	6263-11	



### Top Post 2/0 AWG

Part No.	Description	Qty
6570-31	12" Black	1
6571-31	24" Black	1
6572-31	36" Black	1
6573-31	48" Black	1
6574-31	60" Black	1
6575-31	72" Black	1



## Battery Cables

Made of 100% copper conductor with gravity cast antimonial lead universal terminals. Full-gauge stranded copper core is flexible for easy installation and allows maximum current for quick starting. Copper core extends to the end of the plated lug to give a one-piece solid connection. Wire meets SAE standards.



### Switch to Starter 4 AWG

Black	Length	Red
<b>6406-0-11</b>	6"	
<b>6410-11</b>	10"	
<b>6237-0-BP</b>	16"	<b>6237-5-BP</b>
<b>6238-0-BP</b>	24"	<b>6238-5-BP</b>
<b>6242-0-11</b>	32"	
<b>6239-0-BP</b>	36"	<b>6239-5-BP</b>
<b>6240-0-BP</b>	40"	<b>6240-5-BP</b>
<b>6241-0-BP</b>	49"	<b>6241-5-BP</b>
<b>6243-0-11</b>	60"	<b>6243-5-11</b>



### Switch to Starter 1 AWG

Description	1 PC	10 PC
15" Black	<b>6290-0-11</b>	<b>6290-0-34</b>
19" Black	<b>6289-0-11</b>	<b>6289-0-34</b>
27" Black	<b>6291-0-11</b>	
35" Black	<b>6292-0-11</b>	
46" Black	<b>6293-0-11</b>	

## Battery Terminal Protector Boots

Keeps terminal protected from inadvertent, accidental contact. Identifies polarity.



### Flag

Description	1 PC	5 PC
2-1 AWG Negative	<b>763N-11</b>	<b>763N-34</b>
2-1 AWG Positive	<b>763P-11</b>	<b>763P-34</b>
1/0-2/0 AWG Negative	<b>773N-11</b>	<b>773N-34</b>
1/0-2/0 AWG Positive	<b>773P-11</b>	<b>773P-34</b>



### Left Elbow

Description	1 PC	5 PC
2-1 AWG Negative	<b>762N-11</b>	<b>762N-34</b>
2-1 AWG Positive	<b>762P-11</b>	<b>762P-34</b>
1/0-2/0 AWG Negative	<b>772N-11</b>	<b>772N-34</b>
1/0-2/0 AWG Positive	<b>772P-11</b>	<b>772P-34</b>



### Straight

Description	1 PC	5 PC
6-4/0 AWG Pair	<b>760-12</b>	
6-4/0 AWG Negative	<b>760N-11</b>	<b>760N-34</b>
6-4/0 AWG Positive	<b>760P-11</b>	<b>760P-34</b>



### Right Elbow

Description	1 PC	5 PC
2-1 AWG Negative	<b>761N-11</b>	<b>761N-34</b>
2-1 AWG Positive	<b>761P-11</b>	<b>761P-34</b>
1/0-2/0 AWG Negative	<b>771N-11</b>	<b>771N-34</b>
1/0-2/0 AWG Positive	<b>771P-11</b>	<b>771P-34</b>

## Battery Terminals - Automotive



### 3-Way Fleet

<b>Description</b>	<b>1 PC</b>
Pair	<b>880M-12</b>
Negative	<b>880MN-11</b>
Positive	<b>880MP-11</b>



### Accessory Capable Right Angle (Flag)

Material: Copper  
Crimp or Solder

<b>Description</b>	<b>1 PC</b>
2/0 AWG	<b>5248-11</b>



### Accessory Capable Straight Barrel

Material: Copper  
Crimp or Solder

<b>Description</b>	<b>1 PC</b>
2/0 AWG	<b>5249-11</b>



### Accessory Capable Stud Top

Material: Copper  
Crimp or Solder

<b>Description</b>	<b>1 PC</b>
2/0 AWG	<b>5250-11</b>



### Bright Tooled Brass

<b>Description</b>	<b>1 PC</b>
6-1 AWG Negative	<b>890N-11</b>
6-1 AWG Positive	<b>890P-11</b>
1/0-3/0 AWG Negative	<b>892N-11</b>
1/0-3/0 AWG Positive	<b>892P-11</b>



### Bright Tooled Brass w/ Accessory Capability

<b>Description</b>	<b>1 PC</b>
6-1 AWG Negative	<b>891N-11</b>
6-1 AWG Positive	<b>891P-11</b>
1/0-3/0 AWG Negative	<b>893N-11</b>
1/0-3/0 AWG Positive	<b>893P-11</b>



### Compression 3/8" Stud Top

Installation: 1. Strip 7/8" of insulation from end of cable. 2. Insert bare wire into the compression nut. 3. Thread terminal on compression nut. 4. Grip compression nut with wrench and turn the terminal until compression nut seals.

<b>Description</b>	<b>1 PC</b>
4 AWG	<b>712-BP</b>
2-1 AWG	<b>713-BP</b>
1/0 AWG	<b>714-BP</b>
2/0 AWG	<b>715-BP</b>
3/0 AWG	<b>716-BP</b>
4/0 AWG	<b>717-BP</b>



### Compression Top Post

Installation: 1. Strip 7/8" of insulation from end of cable. 2. Insert bare wire into the compression nut. 3. Thread terminal on compression nut. 4. Grip compression nut with wrench and turn the terminal until compression nut seals.

<b>Description</b>	<b>1 PC</b>
4 AWG	<b>702-BP</b>
2-1 AWG	<b>703-BP</b>
1/0 AWG	<b>704-BP</b>
2/0 AWG	<b>705-BP</b>
3/0 AWG	<b>706-BP</b>
4/0 AWG	<b>707-BP</b>



### Epoxy

<b>Description</b>	<b>1 PC</b>
Pair	<b>880E-12</b>
Negative	<b>880EN-11</b>
Positive	<b>880EP-11</b>



### Universal

Fits negative and positive posts. Removable plate for easy assembly.

<b>1 PC</b>	<b>2 PC</b>	<b>5 PC</b>	<b>10 PC</b>	<b>100 PC</b>
<b>880-11</b>	<b>880-BP</b>	<b>880-PK</b>	<b>880-34</b>	<b>880-C</b>
<b>880-31</b>			<b>880-L</b>	



### Universal - Heavy Duty

Fits negative and positive posts. Removable plate for easy assembly.

<b>1 PC</b>	<b>5 PC</b>	<b>7 PC</b>	<b>10 PC</b>	<b>100 PC</b>
<b>880HD-31</b>	<b>880HD-PK</b>	<b>880HD-34</b>	<b>880HD-L</b>	<b>880HD-C</b>
<b>880HD-BP</b>				





**Lead-Free**  
Zinc Plated Copper



Part No.	Qty
886-11	1



**Lead-Free**  
Tin Plated Brass **NEW!**  
Includes two studs that allow straight or angled hook-up to cable.



Part No.	Qty
896-11	1



**Quick Battery Disconnect - Brass** **NEW!**  
For use in passenger cars, light-duty trucks, farm equipment, marine, RVs, and ATVs. Disconnects with a 1/4 turn of the knob.

Part No.	Qty
887-11	1



**Quick Battery Disconnect - Lead**  
For use in passenger cars, light-duty trucks, farm equipment, marine, RVs, and ATVs. The cable easily detaches from the battery for anti-theft protection and to prevent electrical drain.

Part No.	Qty
882-11	1



**Quick Battery Disconnect - Side Post**  
Disconnects with a 1/4 turn of the knob.



Part No.	Qty
847-11	1



**Side Post Universal**  
Removable plate for easy assembly.

1 PC	2 PC	5 PC	7 PC	100 PC
880ST-11	880ST-BP	880ST-PK	880ST-34	880ST-C
880ST-31			880ST-L	



**Split Barrel**  
Each battery terminal comes with a nut and bolt giving tight connections to battery post for solid electrical contact. Material: Brass  
Wire Application: Solder  
2/0 - 3/0 AWG

Description	1 Pair	1 PC	5 PC
Pair	<b>888-PR</b>		
Negative		<b>888N-11</b>	<b>888N-PK</b>
Positive		<b>888P-11</b>	<b>888P-PK</b>



**Straight Barrel**  
Material: Brass  
Wire Application: Solder

Description	1 Pair	1 PC	5 PC
1-1/0 AWG Universal	<b>884-PR</b>	<b>884-11</b>	<b>884-PK</b>
2/0-3/0 AWG Pair	<b>885-PR</b>		
2/0-3/0 AWG Negative		<b>885N-11</b>	<b>885N-PK</b>
2/0-3/0 AWG Positive		<b>885P-11</b>	<b>885P-PK</b>



**Stud Top**  
Material: Copper  
Wire Application: Crimp or Solder



Single Splice	1 PC	5 PC
4 AWG	<b>5262-11</b>	<b>5262-PK</b>
2 AWG	<b>5267-11</b>	<b>5267-PK</b>
1/0 AWG	<b>5269-11</b>	<b>5269-PK</b>
2/0 AWG	<b>5271-11</b>	<b>5271-PK</b>
3/0 AWG	<b>5273-11</b>	<b>5273-PK</b>
4/0 AWG	<b>5275-11</b>	<b>5275-34</b>
Double Splice	1 PC	5 PC
1/0 AWG	<b>5289-11</b>	<b>5289-PK</b>
2/0 AWG	<b>5291-11</b>	<b>5291-PK</b>
3/0 AWG	<b>5293-11</b>	<b>5293-34</b>
4/0 AWG	<b>5295-11</b>	<b>5295-34</b>

## Battery Terminals - Automotive



### Left Elbow

C11000 ETP (Electrolytic Tough Pitch) copper battery terminals provide the highest conductivity rating compared to any competing copper design. Colour coded, die coded for crimp settings. Manufactured with the highest quality C11000 ETP copper and is completely lead free.

Description	1 PC	5 PC
2/0 AWG Negative	<b>5251-11</b>	<b>5251-PK</b>
2/0 AWG Positive	<b>5252-11</b>	<b>5252-PK</b>
3/0 AWG Negative	<b>5253-11</b>	<b>5253-34</b>
3/0 AWG Positive	<b>5254-11</b>	<b>5254-34</b>
4/0 AWG Negative	<b>5255-11</b>	<b>5255-34</b>
4/0 AWG Positive	<b>5256-11</b>	<b>5256-34</b>



### Right Elbow

C11000 ETP (Electrolytic Tough Pitch) copper battery terminals provide the highest conductivity rating compared to any competing copper design. Colour coded, die coded for crimp settings. Manufactured with the highest quality C11000 ETP copper and is completely lead free.

Description	1 PC	5 PC
2/0 AWG Negative	<b>5241-11</b>	<b>5241-PK</b>
2/0 AWG Positive	<b>5242-11</b>	<b>5242-PK</b>
3/0 AWG Negative	<b>5243-11</b>	<b>5243-PK</b>
3/0 AWG Positive	<b>5244-11</b>	<b>5244-PK</b>
4/0 AWG Negative	<b>5245-11</b>	<b>5245-34</b>
4/0 AWG Positive	<b>5246-11</b>	<b>5246-34</b>



### Straight Barrel

C11000 ETP (Electrolytic Tough Pitch) copper battery terminals provide the highest conductivity rating compared to any competing copper design. Colour coded, die coded for crimp settings. Manufactured with the highest quality C11000 ETP copper and is completely lead free.

Description	1 PC	5 PC
4 AWG Universal	<b>5202-11</b>	<b>5202-34</b>
4 AWG Negative	<b>5203-11</b>	<b>5203-PK</b>
4 AWG Positive	<b>5204-11</b>	<b>5204-PK</b>
2-1 AWG Negative	<b>5207-11</b>	<b>5207-PK</b>
2-1 AWG Positive	<b>5208-11</b>	<b>5208-PK</b>
1/0 AWG Negative	<b>5209-11</b>	<b>5209-PK</b>
1/0 AWG Positive	<b>5210-11</b>	<b>5210-PK</b>
2/0 AWG Negative	<b>5211-11</b>	<b>5211-PK</b>
2/0 AWG Positive	<b>5212-11</b>	<b>5212-PK</b>
3/0 AWG Negative	<b>5213-11</b>	<b>5213-PK</b>
3/0 AWG Positive	<b>5214-11</b>	<b>5214-PK</b>
4/0 AWG Negative	<b>5215-11</b>	<b>5215-PK</b>
4/0 AWG Positive	<b>5216-11</b>	<b>5216-PK</b>



### Right Angle (Flag)

C11000 ETP (Electrolytic Tough Pitch) copper battery terminals provide the highest conductivity rating compared to any competing copper design. Colour coded, die coded for crimp settings. Manufactured with the highest quality C11000 ETP copper and is completely lead free.

Description	1 PC	5 PC
1/0 AWG Negative	<b>5229-11</b>	<b>5229-PK</b>
1/0 AWG Positive	<b>5230-11</b>	<b>5230-PK</b>
2/0 AWG Negative	<b>5231-11</b>	<b>5231-PK</b>
2/0 AWG Positive	<b>5232-11</b>	<b>5232-PK</b>
3/0 AWG Negative	<b>5233-11</b>	<b>5233-PK</b>
3/0 AWG Positive	<b>5234-11</b>	<b>5234-PK</b>
4/0 AWG Negative	<b>5235-11</b>	<b>5235-PK</b>
4/0 AWG Positive	<b>5236-11</b>	<b>5236-PK</b>



### Solder Slugs

Colour coded pre-measured solder slugs/pellets for fast, convenient solder of battery lugs and terminals.

Gauge	2 PC	10 PC
4 AWG	<b>6160-12</b>	<b>6160-14</b>
2 AWG	<b>6161-12</b>	<b>6161-14</b>
1 AWG	<b>6162-12</b>	<b>6162-14</b>
1/0 AWG	<b>6163-12</b>	<b>6163-14</b>
2/0 AWG	<b>6164-12</b>	<b>6164-14</b>
3/0 AWG	<b>6165-12</b>	<b>6165-14</b>
4/0 AWG	<b>6166-12</b>	<b>6166-14</b>



### Solder & Seal Packs

Includes Battery Terminal, Solder Pellet and 1½" piece of Shrink Tube.

Negative	Description	Positive
<b>7203-91</b>	4 AWG	<b>7204-91</b>
<b>7207-91</b>	2-1 AWG	<b>7208-91</b>
<b>7209-91</b>	1/0 AWG	<b>7210-91</b>
<b>7211-91</b>	2/0 AWG	<b>7212-91</b>
<b>7213-91</b>	3/0 AWG	<b>7214-91</b>
<b>7215-91</b>	4/0 AWG	<b>7216-91</b>



## Battery Terminals - Marine



### Brass

Clamp type wing nut. Terminal converts standard post battery to marine or other special uses.

Description	1 PC
Negative	<b>894N-11</b>
Positive	<b>894P-11</b>



### Epoxy

Clamp type wing nut. Terminal converts standard post battery to marine or other special uses.

Description	1 PC
Pair	<b>898E-12</b>
Negative	<b>898EN-11</b>
Positive	<b>899EP-11</b>



### Lead Alloy

Clamp type brass plated wing nut. Terminal converts standard post battery to marine or other special uses.

Description	1 Pair	1 PC	5 PC
Pair	<b>898-PR</b>		
Negative		<b>898N-BP</b>	<b>898N-PK</b>
Positive		<b>899P-BP</b>	<b>899P-PK</b>



### Lead Plated Brass

Clamp type wing nut. Terminal converts standard post battery to marine or other special uses.

Description	1 Pair	1 PC	5 PC
Pair	<b>889-PR</b>		
Negative		<b>889N-11</b>	<b>889N-PK</b>
Positive		<b>889P-11</b>	<b>889P-PK</b>

## Ground Straps



### Clamp-Lug Ground Straps

Solves electrical problems by grounding charging systems. Maximum protection against corrosion for farm, commercial vehicles, and off-road applications.

Description	1 PC
2 AWG 9"	<b>6254-BP</b>
2 AWG 14"	<b>6255-BP</b>
2 AWG 19"	<b>6283-11</b>



### Lug-Lug Ground Straps

Solves electrical problems by grounding charging systems. Maximum protection against corrosion for farm, commercial vehicles, and off-road applications.

Description	1 PC	10 PC
11 AWG 8"	<b>6170-11</b>	<b>6170-34</b>
11 AWG 20"	<b>6171-11</b>	
4 AWG 9"	<b>6256-BP</b>	
4 AWG 12"	<b>6257-BP</b>	<b>6257-34</b>
4 AWG 24"	<b>6284-BP</b>	



### Ground Strap Cable

Solves electrical problems by grounding charging systems. Maximum protection against corrosion for farm, commercial vehicles, and off-road applications.

Description	25 FT	100 FT
10 AWG	<b>8070-24</b>	<b>8070-26</b>
4 AWG	<b>8071-24</b>	
2 AWG	<b>8072-24</b>	

## Isolator Guard & Utility Cable Kit



### Battery Isolator Guard

Enhance your alternator performance for efficient charging, maximum power, longer battery life and safer operation. Protects main starting battery from auxiliary drain. Regulates current for multi-battery system. Ideal for automotive, marine and RV applications.



Description	1 PC
95 Amp	<b>996-31</b>
120 Amp	<b>997-31</b>



### Utility Battery Cable Kit

Suited for garden tractors, snowmobiles and ATV's. Includes: 2 x Butts, 2 x #10 Rings, 5 x 1/4" Rings, 14' x 8 AWG Cable

Description	1 Pack
Black Wire	<b>8108B-0-91</b>
Red Wire	<b>8108B-5-91</b>



## Hold Downs & Trays



### Battery Adapter Brackets & Bolts

Adapter brackets and bolts to replace OE General Motors side mounted trays.

Part No.	Qty
<b>867-31</b>	1 Set



### Battery Boxes

Polypropylene box protects battery in marine and commercial applications. Vented for safety. Includes all hardware for installation.

Description	RoHS		
	1 PC	5 PC	12 PC
Group U1	<b>730-31</b>		<b>730-34</b>
Marine 24	<b>731-31</b>		<b>731-34</b>
Marine 27/31	<b>732-31</b>	<b>732-34</b>	



### Crossbar Type Battery Hold Down

Part No.	Qty
<b>860-E</b>	1



### GM Style Universal Base Clamp

Universal End Mount Batteries Group 22F, Side Mount Batteries Group 22F & 24C

Part No.	Qty
<b>859-11</b>	1



### Hold Down Bolts with Washers & Nuts

Heavy tempered steel bolts with wing nuts for quick and easy assembly. Washers included.

Description	1 Pair
6" x 1/4" J Style	<b>870-PR</b>
10" x 1/4" J Style	<b>871-PR</b>
10" x 1/4" L Style	<b>872-PR</b>
12" x 1/4" J Style	<b>873-PR</b>
12" x 5/16" J Style	<b>875-PR</b>



### Universal Battery Hold Down

Part No.	Qty
<b>861-E</b>	1



### Universal Battery Trays

Made with durable rust and corrosion resistant polypropylene.

Description	Size	1 PC
Group 24	11-1/2" x 8-1/2"	<b>865-E</b>
Group 27/31	14" x 7-7/8"	<b>866-E</b>



### Universal Cross-Bars

Adjustable and lockable fiberglass reinforced polypropylene is rust and corrosion proof. Non-conductive material eliminates the hold down as a source of shorts. Ideal for all applications. Cars, trucks, bus, marine and recreational installations.

Description	Size	1 PC
Group U1	4" to 6-1/8" Offset	<b>862-E</b>
Group 27/31	8-5/8" to 14-3/4" Flush	<b>863-E</b>
Group 24	5-1/2" to 9" Offset	<b>864-E</b>





## Heavy Duty Stackable Ring Connectors

Locks in numerous positions. The exceptional lock ensures terminals will adhere to one another to resist vibration.



**Double Barrel**  
3/8" Stud

Gauge	1 PC	5 PC
1/0 AWG	<b>3811-11</b>	<b>3811-34</b>
2/0 AWG	<b>3821-11</b>	<b>3821-34</b>
3/0 AWG	<b>3831-11</b>	<b>3831-34</b>
4/0 AWG	<b>3841-11</b>	<b>3841-34</b>



**Single Barrel**  
3/8" Stud

Gauge	1 PC	5 PC
2-1 AWG	<b>3801-11</b>	<b>3801-34</b>
4 AWG	<b>3804-11</b>	<b>3804-34</b>
1/0 AWG	<b>3810-11</b>	<b>3810-34</b>
2/0 AWG	<b>3820-11</b>	<b>3820-34</b>
3/0 AWG	<b>3830-11</b>	<b>3830-34</b>
4/0 AWG	<b>3840-11</b>	<b>3840-34</b>

## Heavy Duty Starter / Battery Lug Connectors

Highest conductivity and greatest crank force. Heavier wall thickness and wider pads for greater heat sink. Longer barrels for more crimping area. Electro-Tin plated for reducing corrosion. Colour coded to identify correct die and number of crimps.



**Butt Splices**

Gauge	Colour	1 PC	5 PC	100 PC
4 AWG	Grey	<b>5300-11</b>	<b>5300-PK</b>	<b>5300-36</b>
2-1 AWG	Pink	<b>5308-11</b>	<b>5308-PK</b>	<b>5308-36</b>
1/0 AWG	Black	<b>5313-11</b>	<b>5313-PK</b>	<b>5313-36</b>
2/0 AWG	Orange	<b>5316-11</b>	<b>5316-PK</b>	<b>5316-36</b>
3/0 AWG	Purple	<b>5319-11</b>	<b>5319-PK</b>	<b>5319-36</b>
4/0 AWG	Yellow	<b>5322-11</b>	<b>5322-PK</b>	<b>5322-36</b>



**Rings**

Gauge	Colour	Qty	1/4"	5/16"	3/8"	1/2"
4 AWG	Grey	1	<b>5301-11</b>	<b>5302-11</b>	<b>5303-11</b>	
		5	<b>5301-PK</b>	<b>5302-PK</b>	<b>5303-PK</b>	
		100	<b>5301-36</b>	<b>5302-36</b>	<b>5303-36</b>	
2-1 AWG	Pink	1	<b>5309-11</b>	<b>5310-11</b>	<b>5311-11</b>	<b>5312-11</b>
		5	<b>5309-PK</b>	<b>5310-PK</b>	<b>5311-PK</b>	<b>5312-PK</b>
		100	<b>5309-36</b>	<b>5310-36</b>	<b>5311-36</b>	<b>5312-36</b>
1/0 AWG	Black	1		<b>3909-11</b>	<b>5314-11</b>	<b>5315-11</b>
		5		<b>3909-34</b>	<b>5314-PK</b>	<b>5315-PK</b>
		100		<b>3909-36</b>	<b>5314-36</b>	<b>5315-36</b>
2/0 AWG	Orange	1		<b>3919-11</b>	<b>5317-11</b>	<b>5318-11</b>
		5		<b>3919-34</b>	<b>5317-PK</b>	<b>5318-PK</b>
		100		<b>3919-36</b>	<b>5317-36</b>	<b>5318-36</b>
3/0 AWG	Purple	1			<b>5320-11</b>	<b>5321-11</b>
		5			<b>5320-PK</b>	<b>5321-PK</b>
		100			<b>5320-36</b>	<b>5321-36</b>
4/0 AWG	Yellow	1			<b>5323-11</b>	<b>5324-11</b>
		5			<b>5323-PK</b>	<b>5324-PK</b>
		100			<b>5323-36</b>	<b>5324-36</b>



## Tubular Lug Rings



### Plated

Electro-Tin Plated Copper with Tubular Stock  
Used for heavy duty wiring.  
Solder or Crimp  
Tin Melting Point: 232°C



Gauge	Qty	#10	1/4"	5/16"	3/8"	1/2"
8 AWG	2	4035-PR	4036-PR	4038-PR	4039-PR	4043-PR
	25	4035-PK	4036-PK	4038-PK	4039-PK	4043-PK
	100	4035-C	4036-C	4038-C	4039-C	4043-C
6 AWG	2	4135-PR	4136-PR	4138-PR	4139-PR	4143-PR
	25	4135-PK	4136-PK	4138-PK	4139-PK	4143-PK
	100	4135-C	4136-C	4138-C	4139-C	4143-C
4 AWG	2	4235-PR	4236-PR	4238-PR	4239-PR	4243-PR
	10	4235-PK	4236-PK	4238-PK	4239-PK	4243-PK
	100	4235-C	4236-C	4238-C	4239-C	4243-C
2 AWG	2		4336-PR	4338-PR	4339-PR	4343-PR
	10		4336-PK	4338-PK	4339-PK	4343-PK
	100		4336-C	4338-C	4339-C	4343-C
1 AWG	2		4836-PR	4838-PR	4839-PR	4843-PR
	10		4836-PK	4838-PK	4839-PK	4843-PK
	100		4836-C	4838-C	4839-C	4843-C
1/0 AWG	2		4438-PR	4439-PR	4443-PR	
	10		4438-PK	4439-PK	4443-PK	
	100		4438-C	4439-C	4443-C	
2/0 AWG	2		4538-PR	4539-PR	4543-PR	
	5		4538-PK	4539-PK	4543-PK	
	100		4538-C	4539-C	4543-C	
3/0 AWG	2		4638-PR	4639-PR	4643-PR	
	5		4638-PK	4639-PK	4643-PK	
	100		4638-C	4639-C	4643-C	
4/0 AWG	2		4738-PR	4739-PR	4743-PR	
	5		4738-PK	4739-PK	4743-PK	
	100		4738-C	4739-C	4743-C	



### Non-Plated

Non-Plated Copper with Tubular Stock  
Used for heavy duty wiring.  
Solder or Crimp  
Copper Melting Point: 1083°C



Gauge	Qty	#10	5/16"	3/8"	1/2"
8 AWG	25			4039U-PK	4043U-PK
	100			4039U-C	4043U-C
6 AWG	25			4139U-PK	4143U-PK
	100			4139U-C	4143U-C
4 AWG	10			4239U-PK	4243U-PK
	100			4239U-C	4243U-C
2 AWG	10			4339U-PK	4343U-PK
	100			4339U-C	4343U-C
1 AWG	10			4839U-PK	4843U-PK
	100			4839U-C	4843U-C
1/0 AWG	10			4439U-PK	4443U-PK
	100			4439U-C	4443U-C
2/0 AWG	5			4539U-PK	4543U-PK
	100			4539U-C	4543U-C
3/0 AWG	5		4638U-34	4639U-PK	4643U-PK
	100		4638U-36	4639U-C	4643U-C
4/0 AWG	5		4738U-PK	4739U-PK	4743U-PK
	100		4738U-C	4739U-C	4743U-C



## Brazed Lug Rings

## Solid Barrel Lug Connectors



### Plated

Electro-Tin Plated Copper with Brazed Seam Solder or Crimp



Gauge	Qty	#10	1/4"	5/16"	3/8"	1/2"	5/8"
8 AWG	2	4005-PR	4006-PR	4008-PR	4009-PR	4013-PR	
	25	4005-PK	4006-PK	4008-PK	4009-PK	4013-PK	
	100	4005-C	4006-C	4008-C	4009-C	4013-C	
6 AWG	2	4105-PR	4106-PR	4108-PR	4109-PR	4113-PR	
	25	4105-PK	4106-PK	4108-PK	4109-PK	4113-PK	
	100	4105-C	4106-C	4108-C	4109-C	4113-36	
4 AWG	2	4205-PR	4206-PR	4208-PR	4209-PR	4213-PR	4215-PR
	10	4205-PK	4206-PK	4208-PK	4209-PK	4213-PK	4215-PK
	100	4205-C	4206-C	4208-C	4209-C	4213-C	4215-C
2 AWG	2	4305-PR	4306-PR	4308-PR	4309-PR	4313-PR	4315-PR
	10	4305-PK	4306-PK	4308-PK	4309-PK	4313-PK	4315-PK
	100	4305-C	4306-C	4308-C	4309-C	4313-C	4315-C
1/0 AWG	2		4406-PR	4408-PR	4409-PR	4413-PR	
	10		4406-PK	4408-PK	4409-PK	4413-PK	
	100		4406-C	4408-C	4409-C	4413-36	
2/0 AWG	2			4508-PR	4509-PR	4513-PR	
	5			4508-PK	4509-PK	4513-PK	
	100			4508-C	4509-C	4513-C	
3/0 AWG	2				4609-PR	4613-PR	
	5				4609-PK	4613-PK	
	100				4609-C	4613-C	
4/0 AWG	2				4709-PR	4713-PR	
	5				4709-PK	4713-PK	
	100				4709-C	4713-36	



### Insulated

Electro-Tin Plated Copper Alloy 110 Nylon Insulated



Gauge	2 PC	25 PC	100 PC
8 AWG	4000N-12	4000N-PK	4000N-C
6 AWG	4100N-12	4100N-PK	4100N-C



### Non-Insulated

Electro-Tin Plated Copper Alloy 110



Gauge	Qty	Part No.
8 AWG	2	4000-PR
	25	4000-PK
	100	4000-C
6 AWG	2	4100-PR
	25	4100-PK
	100	4100-C
4 AWG	2	4200-PR
	10	4200-PK
	100	4200-C
2 AWG	2	4300-PR
	10	4300-PK
	100	4300-C
1/0 AWG	2	4400-PR
	10	4400-PK
	100	4400-C
2/0 AWG	2	4500-PR
	5	4500-PK
	100	4500-C
3/0 AWG	2	4600-PR
	5	4600-PK
4/0 AWG	2	4700-PR
	5	4700-PK



## Booster Cables

100% Pure copper conductors for maximum conductivity. Parallel bonded cables resist tangling and remain flexible in cold weather up to -40°C (-40°F)



### 10 Gauge 150 Amp

Each booster cable comes in its own handy nylon carrying case with instruction sheet.

Length	1 PC
8'	<b>8162-E</b>



### 8 Gauge 200 Amp

Each booster cable comes in its own handy nylon carrying case with instruction sheet.

Length	1 PC
12'	<b>8163-E</b>



### 6 Gauge 400 Amp

Each booster cable comes in its own handy nylon carrying case with instruction sheet.

Length	Qty
12'	<b>8164-E</b>
16'	<b>8164J-E</b>



### 4 Gauge 400 Amp

Each booster cable comes in its own handy vinyl carrying case with instruction sheet.

Length	1 PC
12'	<b>8165H-E</b>
16'	<b>8165J-E</b>
20'	<b>8165K-E</b>
24'	<b>8165F-E</b>



### 2 Gauge 500 Amp

Each booster cable comes in its own handy vinyl carrying case with instruction sheet.

Length	1 PC
12'	<b>8179H-E</b>
16'	<b>8179J-E</b>
20'	<b>8179K-E</b>
24'	<b>8179F-E</b>



### 1 Gauge 800 Amp

Length	1 PC
12'	<b>8180H-E</b>
16'	<b>8180J-E</b>
20'	<b>8180K-E</b>
24'	<b>8180F-E</b>
30'	<b>8180D-E</b>
35'	<b>8180C-E</b>
40'	<b>8180B-E</b>

## Specialty Booster Cables

100% Pure copper conductors for maximum conductivity. Parallel bonded cables resist tangling and remain flexible in cold weather up to -60°C (-76°F)



### Super Flex 800 Amp

**NEW!**

Professional service booster cables with welding cable high stranding and an EPDM jacket for maximum cold weather performance. The tougher jacket also offers excellent abrasion resistance. Each set includes its own convenient carrying case.

Gauge	Length	1 PC
4	20'	<b>8731-31</b>
2	20'	<b>8741-31</b>
1	20'	<b>8751-31</b>
1/0	20'	<b>8761-31</b>

Modular Connector Cables located on Page 64



## Clamps

Clamps for battery charges, tune-ups and test equipment.



50 Amp

Description	1 Pair	1 PC	25 PC	100 PC
Pair	<b>839-BP</b>			
Positive		<b>840-11</b>	<b>840-PK</b>	<b>840-C</b>
Negative		<b>841-11</b>	<b>841-PK</b>	<b>841-C</b>



500 Amp

Description	1 Pair	1 PC	5 PC
Pair	<b>8177-32</b>		
Negative		<b>8177N-E</b>	<b>8177N-34</b>
Positive		<b>8177P-E</b>	<b>8177P-34</b>



100 Amp

1 Pair	5 Pair
<b>843-32</b>	<b>843-34</b>



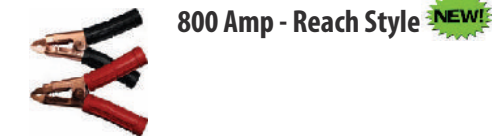
800 Amp

Description	1 Pair	1 PC	5 PC
Pair	<b>8180-32</b>		
Negative		<b>8180N-E</b>	<b>8180N-34</b>
Positive		<b>8180P-E</b>	<b>8180P-34</b>



200 Amp

1 Pair	5 Pair
<b>842-32</b>	<b>842-34</b>



800 Amp - Reach Style **NEW!**

Description	1 Pair	1 PC
Pair	<b>8729-91</b>	
Negative		<b>8729N-31</b>
Positive		<b>8729P-31</b>



400 Amp

Description	1 Pair	1 PC	5 PC
Pair	<b>8167-32</b>		
Negative		<b>8167N-E</b>	<b>8167N-34</b>
Positive		<b>8167P-E</b>	<b>8167P-34</b>

## Weatherproof Double Pole Modular Connectors

Ideal for solar power and green energy. Waterproof per IEC 60529. Ingress Protection: IP67



Blue Housings **NEW!**

Each Kit Includes: 1 Male Sealed Housing, 1 Female Sealed Housing, 2 Bracket Sets, 4 Contacts & 4 Seals

Description	1 Pack
6 AWG 80A Blue	<b>35201-91</b>
4 AWG 100A Blue	<b>35211-91</b>
2 AWG 120A Blue	<b>35221-91</b>



Black Housings **NEW!**

Each Kit Includes: 1 Male Sealed Housing, 1 Female Sealed Housing, 2 Bracket Sets, 4 Contacts & 4 Seals

Description	1 Pack
2/0 AWG 250A Black	<b>35770-91</b>
3/0 AWG 275A Black	<b>35780-91</b>
4/0 AWG 300A Black	<b>35790-91</b>



## Modular Contacts



Description	5 PC	25 PC	100 PC
20-16 AWG 12-18 AMP	<b>3200-14</b>	<b>3200-15</b>	<b>3200-16</b>
16-12 AWG 18-35 AMP	<b>3201-14</b>	<b>3201-15</b>	<b>3201-16</b>
14-10 AWG 30-45 AMP*	<b>3202-14</b>	<b>3202-15</b>	

\*Open Barrel



Description	2 PC	10 PC
4 AWG 125 AMP	<b>3254-12</b>	<b>3254-14</b>
2 AWG 170 AMP	<b>3255-12</b>	<b>3255-14</b>
1/0 AWG 230 AMP	<b>3256-12</b>	<b>3256-14</b>



Description	2 PC	10 PC
12-10 AWG 35-50 AMP	<b>3250-12</b>	<b>3250-14</b>
8 AWG 70 AMP	<b>3251-12</b>	<b>3251-14</b>
6 AWG 95 AMP	<b>3252-12</b>	<b>3252-14</b>



Description	2 PC	10 PC
2/0 AWG 265 AMP	<b>3257-12</b>	<b>3257-14</b>
3/0 AWG 310 AMP	<b>3258-12</b>	<b>3258-14</b>
4/0 AWG 350 AMP	<b>3259-12</b>	<b>3259-14</b>



Description	2 PC	10 PC
6 AWG 95 AMP	<b>3203-12</b>	<b>3203-14</b>
4 AWG 125 AMP	<b>3204-12</b>	<b>3204-14</b>
2 AWG 170 AMP	<b>3205-12</b>	<b>3205-14</b>

## Double Pole Modular Housings



Description	1 PC	5 PC
Blue	<b>3260-11</b>	<b>3260-34</b>
Red	<b>3261-11</b>	<b>3261-34</b>
Yellow	<b>3262-11</b>	<b>3262-34</b>
Grey	<b>3264-11</b>	<b>3264-34</b>



Description	1 PC	5 PC
Blue	<b>3280-11</b>	<b>3280-34</b>
Red	<b>3281-11</b>	<b>3281-34</b>
Yellow	<b>3282-11</b>	<b>3282-34</b>
Grey	<b>3284-11</b>	<b>3284-34</b>



Description	1 PC	5 PC
Blue	<b>3270-11</b>	<b>3270-34</b>
Red	<b>3271-11</b>	<b>3271-34</b>
Yellow	<b>3272-11</b>	<b>3272-34</b>
Grey	<b>3274-11</b>	<b>3274-34</b>

See page 64 for Single Pole Housings



## Double Pole Modular Combo Packs

Terminals are silver plated copper. Connectors offer optimal conductivity. Contacts have flared barrel openings for easy wire entry. Housings are available in several different colours to avoid mating of different voltages. Impact and vibration resistant. Housings made of polycarbonate.



### 50 Amp Series

Each pack includes 1 Housing and 2 Contacts.

Gauge	Amp	Colour	1 Pack
12-10	35-50	Red	<b>32501-91</b>
12-10	35-50	Yellow	<b>32502-91</b>
12-10	35-50	Grey	<b>32504-91</b>
8	70	Red	<b>32511-91</b>
8	70	Yellow	<b>32512-91</b>
8	70	Grey	<b>32514-91</b>
6	95	Red	<b>32521-91</b>
6	95	Yellow	<b>32522-91</b>
6	95	Grey	<b>32524-91</b>



### 175 Amp Series

Each pack includes 1 Housing and 2 Contacts.

Gauge	Amp	Colour	1 Pack
4	125	Blue	<b>32540-91</b>
4	125	Red	<b>32541-91</b>
4	125	Grey	<b>32544-91</b>
2	170	Blue	<b>32550-91</b>
2	170	Red	<b>32551-91</b>
2	170	Grey	<b>32554-91</b>
1/0	230	Blue	<b>32560-91</b>
1/0	230	Red	<b>32561-91</b>
1/0	230	Grey	<b>32564-91</b>



### 350 Amp Series


Each pack includes 1 Housing and 2 Contacts.

Gauge	Amp	Colour	1 Pack
2/0	265	Grey	<b>32574-91</b>
3/0	310	Grey	<b>32584-91</b>
4/0	350	Grey	<b>32594-91</b>

### Industry Recommended Voltage & Colour Chart

Housing Colour	Voltage
Yellow	12
Red	24
Grey	36
Blue	48


## Double Pole Modular Accessories



### Modular Housing Caps

Made of tough, high temperature PVC to protect contacts from dirt, dust, water, salt, oil, gas and other harsh contaminants.

Description	1 PC	5 PC
50A Series	<b>3290-11</b>	<b>3290-34</b>
175A Series	<b>3291-11</b>	<b>3291-34</b>
350A Series	<b>3292-11</b>	<b>3292-34</b>



### Modular Housing Handles

Each handle comes complete with hardware to install.

Description	1 PC
50A Series	<b>3295-31</b>
175A Series	<b>3296-31</b>
350A Series	<b>3297-31</b>

## Single Pole Modular Housings

Stainless steel springs. Polycarbonate housings (UL94-V0).



### 15-30-45A Series Modular Housings

Description	5 PC	25 PC	100 PC
Black	3210-14	3210-15	3210-36
Green	3213-14	3213-15	3213-36
Red	3215-14	3215-15	3215-36
White	3216-14	3216-15	3216-36



### 120A Series Modular Housings

Description	2 PC	10 PC
Black	3230-12	3230-34
Red	3235-12	3235-34



### 75A Series Modular Housings

Description	2 PC	10 PC
Black	3220-12	3220-34
Red	3225-12	3225-34



### 180A Series Modular Housings

Description	2 PC	10 PC
180A Series Black	3240-32	3240-34
180A Series Red	3245-32	3245-34

See page 62 for Modular Contacts

## Modular Connector Booster Cables

100% Pure copper conductors for maximum conductivity. Parallel bonded cables resist tangling and remain flexible in cold weather. Perfect for equipping service vehicles and tow trucks.



### Clamp To Plug

Description	15'	25'
4 AWG 400A	8715-31	8716-31
2 AWG 500A	8717-31	8718-31
1 AWG 800A		8719-31



### Plug To Lug

Description	5'
4 AWG	8705-31
2 AWG	8706-31
1 AWG	8707-31



### Complete Plug-In Kits

Includes Clamp-to-Plug & Plug-to-Lug.

Description	20'	30'
4 AWG 400A	8722-31	8723-31
2 AWG 500A	8724-31	8725-31
1 AWG 800A		8726-31



### Plug To Plug

Description	12'
4 AWG	8710-31
2 AWG	8711-31
1 AWG	8712-31

Standard Booster Cables located on Page 60





## Automotive Grey Jacketed Wire Rated -30°C to 105°C 60V

Heavy duty PVC jacket with colour coded conductors. Recommended for trucks, buses, tractors, light duty boats and general service. Conductors meet SAE J1128 specifications.

### 2 Conductor

Black - White



Gauge	O.D.	Stranding	50'	100'	1000'
10/2 AWG	.257 x .434	19/23	<b>8145-B</b>	<b>8145-C</b>	<b>8145-M</b>
12/2 AWG	.225 x .370	19/25	<b>8149-B</b>	<b>8149-C</b>	<b>8149-M</b>
14/2 AWG	.200 x .320	19/27	<b>8148-B</b>	<b>8148-C</b>	<b>8148-M</b>
16/2 AWG	.185 x .290	19/29	<b>8147-B</b>	<b>8147-C</b>	<b>8147-M</b>
18/2 AWG	.178 x .276	16/30	<b>8146-B</b>	<b>8146-C</b>	<b>8146-M</b>

### 4 Conductor

Black - Green - Red - White



Gauge	O.D.	Stranding	50'	100'	1000'
12/4 AWG	.225 x .660	19/25	<b>8131-B</b>	<b>8131-C</b>	<b>8131-29</b>
14/4 AWG	.200 x .560	19/27	<b>8128-B</b>	<b>8128-C</b>	<b>8128-29</b>
16/4 AWG	.185 x .500	19/29	<b>8136-25</b>	<b>8136-26</b>	<b>8136-29</b>

### 3 Conductor

Black - Green - White



Gauge	O.D.	Stranding	50'	100'	1000'
12/3 AWG	.225 x .515	19/25	<b>8130-B</b>	<b>8130-C</b>	<b>8130-29</b>
14/3 AWG	.200 x .440	19/27	<b>8129-B</b>	<b>8129-C</b>	<b>8129-29</b>
16/3 AWG	.185 x .395	19/29	<b>8137-B</b>	<b>8137-C</b>	<b>8137-29</b>

## Trailer Cable Rated -65°C to 80°C

PVC insulated jacket that is both chemical and abrasion resistant. Conductor colour-coded for circuit identification. Conductors meet SAE J1128 specs.

### ABS Trailer Cable

Ensures sufficient power to anti-lock braking systems (ABS). Consists of one 8 gauge ground wire, two 10 gauge stop-lamp & constant-power circuit wires, and four 12 gauge circuit wires for powering other lamps. All copper strand core. Meets SAE J1128 specifications for ABS systems.



Gauge	Colours	Stranding	O.D.	50'	100'	250'
12/4 - 10/2 - 8/1	Red/Wht/Blk/Brn/Grn/Yel/Blu	65/30 - 105/30 - 168/30	.690	<b>8157-B</b>	<b>8157-C</b>	<b>8157-RL</b>

### Trailer Cable 60V



Gauge	Colours	Stranding	O.D.	50'	100'	250'
12/6 - 10/1	Red/Wht/Blk/Brn/Grn/Yel/Blu	19/25 - 19/23	.600	<b>8150-B</b>	<b>8150-C</b>	<b>8150-27</b>
14/6 - 12/1	Red/Grn/Brn/Blk/Yel/Blu/Wht	19/27 - 19/25	.520	<b>8153-25</b>	<b>8153-26</b>	<b>8153-27</b>
14/7	Red/Wht/Brn/Grn/Yel/Blu/Blk	19/27	.500	<b>8156-B</b>	<b>8156-C</b>	<b>8156-RL</b>
14/6	Red/Wht/Blk/Brn/Grn/Yel	19/27	.500	<b>8151-B</b>	<b>8151-C</b>	<b>8151-RL</b>
14/4	Red/Wht/Blk/Brn	19/27	.410	<b>8152-B</b>	<b>8152-C</b>	<b>8152-RL</b>
14/4	Brn/Grn/Wht/Yel	19/27	.410	<b>8154-25</b>	<b>8154-26</b>	<b>8154-27</b>
14/4	Brn/Grn/Red/Yel	19/27	.410	<b>8160-25</b>	<b>8160-26</b>	<b>8160-27</b>
16/6	Red/Wht/Blk/Brn/Grn/Yel	19/29	.425	<b>8155-B</b>	<b>8155-C</b>	<b>8155-27</b>
16/4	Red/Yel/Grn/Brn	19/29	.360	<b>8159-25</b>	<b>8159-26</b>	<b>8159-27</b>
<b>RV Trailer Cable</b>						
14/4 - 10/2 - 12/1	Red/Wht/Blk/Brn/Grn/Yel/Blu	19/27 - 19/25 - 19/23	.560	<b>8158-B</b>	<b>8158-C</b>	<b>8158-RL</b>

**NEW!**



## Boat Cable Rated 105°C Dry / 75°C Wet 600V

Electro-tinned, copper strands increase corrosion protection. UL listed 1426, meets DOT & Coast Guard specifications for electrical systems.  
Flame retardant PVC insulation.



4/0 AWG .735 OD / 19 x 111/30 Stranding			3/0 AWG .670 OD / 19 x 88/30 Stranding			2/0 AWG .655 OD / 19 x 70/30 Stranding		
Colour	25'	100'	Colour	25'	100'	Colour	25'	100'
Black	9041-0-24	9041-0-26	Black	9030-0-24	9030-0-26	Black	9020-0-24	9020-0-26
Red	9041-5-24	9041-5-26	Red	9030-5-24	9030-5-26	Red	9020-5-24	9020-5-26
Yellow	9041-7-24	9041-7-26	Yellow	9030-7-24	9030-7-26	Yellow	9020-7-24	9020-7-26

1/0 AWG .565 OD / 19 x 56/30 Stranding			1 AWG .520 OD / 19 x 44/30 Stranding			2 AWG .472 OD / 7 x 95/30 Stranding		
Length	25'	100'	Colour	25'	100'	Colour	25'	100'
Black	9011-0-24	9011-0-26	Black	9001-0-24	9001-0-26	Black	9002-0-24	9002-0-26
Red	9011-5-24	9011-5-26	Red	9001-5-24	9001-5-26	Red	9002-5-24	9002-5-26
Yellow	9011-7-24	9011-7-26	Yellow	9001-7-24	9001-7-26	Yellow	9002-7-24	9002-7-26

4 AWG .405 OD / 7 x 60/30 Stranding				6 AWG .340 OD / 7 x 37/30 Stranding				8 AWG .270 OD / 7 x 24/30 Stranding			
Colour	25'	100'		Colour	25'	100'	1000'	Colour	25'	100'	1000'
Black	9004-0-24	9004-0-26		Black	9006-0-24	9006-0-26	9006-0-29	Black	9008-0-24	9008-0-26	9008-0-29
Red	9004-5-24	9004-5-26		Green	9006-3-24	9006-3-26	9006-3-29	Green	9008-3-24	9008-3-26	9008-3-29
Yellow	9004-7-24	9004-7-26		Red	9006-5-24	9006-5-26	9006-5-29	Red	9008-5-24	9008-5-26	9008-5-29
				White	9006-6-24	9006-6-26	9006-6-29	White	9008-6-24	9008-6-26	9008-6-29
				Yellow	9006-7-24	9006-7-26	9006-7-29	Yellow	9008-7-24	9008-7-26	9008-7-29

10 AWG .190 Outside Diameter / 105/30 Stranding			
Colour	10'	100'	1000'
Black	9010-0-44	9010-0-26	9010-0-29
Blue	9010-1-44	9010-1-26	9010-1-29
Dark Blue	9010-D1-44	9010-D1-26	
Brown	9010-2-44	9010-2-26	9010-2-29
Tan	9010-L2-44	9010-L2-26	9010-L2-29
Green	9010-3-44	9010-3-26	9010-3-29
Dark Green	9010-D3-44	9010-D3-26	
Orange	9010-4-44	9010-4-26	9010-4-29
Red	9010-5-44	9010-5-26	9010-5-29
White	9010-6-44	9010-6-26	9010-6-29
Yellow	9010-7-44	9010-7-26	9010-7-29
Grey	9010-8-44	9010-8-26	9010-8-29
Purple	9010-9-44	9010-9-26	9010-9-29
Pink	9010-44	9010-26	9010-29

12 AWG .162 Outside Diameter / 65/30 Stranding			
Colour	10'	100'	1000'
Black	9012-0-44	9012-0-26	9012-0-29
Blue	9012-1-44	9012-1-26	9012-1-29
Dark Blue	9012-D1-44	9012-D1-26	
Brown	9012-2-44	9012-2-26	9012-2-29
Tan	9012-L2-44	9012-L2-26	9012-L2-29
Green	9012-3-44	9012-3-26	9012-3-29
Dark Green	9012-D3-44	9012-D3-26	
Orange	9012-4-44	9012-4-26	9012-4-29
Red	9012-5-44	9012-5-26	9012-5-29
White	9012-6-44	9012-6-26	9012-6-29
Yellow	9012-7-44	9012-7-26	9012-7-29
Grey	9012-8-44	9012-8-26	9012-8-29
Purple	9012-9-44	9012-9-26	9012-9-29
Pink	9012-44	9012-26	9012-29

14 AWG .138 Outside Diameter / 41/30 Stranding			
Colour	25'	100'	1000'
Black	9014-0-44	9014-0-26	9014-0-29
Blue	9014-1-44	9014-1-26	9014-1-29
Dark Blue	9014-D1-44	9014-D1-26	
Brown	9014-2-44	9014-2-26	9014-2-29
Tan	9014-L2-44	9014-L2-26	9014-L2-29
Green	9014-3-44	9014-3-26	9014-3-29
Dark Green	9014-D3-44	9014-D3-26	
Orange	9014-4-44	9014-4-26	9014-4-29
Red	9014-5-44	9014-5-26	9014-5-29
White	9014-6-44	9014-6-26	9014-6-29
Yellow	9014-7-44	9014-7-26	9014-7-29
Grey	9014-8-44	9014-8-26	9014-8-29
Purple	9014-9-44	9014-9-26	9014-9-29
Pink	9014-44	9014-26	9014-29

16 AWG .122 Outside Diameter / 26/30 Stranding			
Colour	25'	100'	1000'
Black	9016-0-44	9016-0-26	9016-0-29
Blue	9016-1-44	9016-1-26	9016-1-29
Dark Blue	9016-D1-44	9016-D1-26	
Brown	9016-2-44	9016-2-26	9016-2-29
Tan	9016-L2-44	9016-L2-26	9016-L2-29
Green	9016-3-44	9016-3-26	9016-3-29
Dark Green	9016-D3-44	9016-D3-26	
Orange	9016-4-44	9016-4-26	9016-4-29
Red	9016-5-44	9016-5-26	9016-5-29
White	9016-6-44	9016-6-26	9016-6-29
Yellow	9016-7-44	9016-7-26	9016-7-29
Grey	9016-8-44	9016-8-26	9016-8-29
Purple	9016-9-44	9016-9-26	9016-9-29
Pink	9016-44	9016-26	9016-29



## Boat Cable Rated 105°C Dry / 75°C Wet 600V

Electro-tinned, copper strands increase corrosion protection. UL listed 1426, meets DOT & Coast Guard specifications for electrical systems. Flame retardant PVC insulation.



**2 Conductor** **NEW!**  
Black - Red

Gauge	O.D.	Stranding	100'	500'	1000'
10/2 AWG	.273 x .466	105/30	<b>8034-26</b>	<b>8034-28</b>	<b>8034-29</b>
12/2 AWG	.245 x .410	65/30	<b>8053-26</b>	<b>8053-28</b>	<b>8053-29</b>
14/2 AWG	.221 x .362	41/30	<b>8052-26</b>	<b>8052-28</b>	<b>8052-29</b>
16/2 AWG	.205 x .328	26/30	<b>8051-26</b>	<b>8051-28</b>	<b>8051-29</b>



**2 Conductor** **NEW!**  
Red - Yellow

Gauge	O.D.	Stranding	100'	500'	1000'
10/2 AWG	.273 x .466	105/30	<b>8033-26</b>	<b>8033-28</b>	<b>8033-29</b>
12/2 AWG	.245 x .410	65/30	<b>8032-26</b>	<b>8032-28</b>	<b>8033-29</b>
14/2 AWG	.221 x .362	41/30	<b>8031-26</b>	<b>8031-28</b>	<b>8031-29</b>
16/2 AWG	.205 x .328	26/30	<b>8030-26</b>	<b>8030-28</b>	<b>8030-29</b>



**2 Conductor**  
Black - White

Gauge	O.D.	Stranding	100'	1000'
10/2 AWG	.273 x .466	105/30	<b>8035-26</b>	<b>8035-29</b>
12/2 AWG	.245 x .410	65/30	<b>8050-26</b>	<b>8050-29</b>
14/2 AWG	.221 x .362	41/30	<b>8049-26</b>	<b>8049-29</b>
16/2 AWG	.205 x .328	26/30	<b>8048-26</b>	<b>8048-29</b>



**3 Conductor** **NEW!**  
Black - Green - White

Gauge	O.D.	Stranding	100'	500'	1000'
10/3 AWG	.273 x .659	105/30	<b>8056-26</b>	<b>8056-28</b>	<b>8056-29</b>
12/3 AWG	.245 x .575	65/30	<b>8055-26</b>	<b>8055-28</b>	<b>8055-29</b>
14/3 AWG	.221 x .503	41/30	<b>8054-26</b>	<b>8054-28</b>	<b>8054-29</b>
16/3 AWG	.205 x .450	26/30	<b>8046-26</b>	<b>8046-28</b>	<b>8046-29</b>



**3 Conductor** **NEW!**  
Black - Red - White

Gauge	O.D.	Stranding	100'	500'	1000'
12/3 AWG	.245 x .575	65/30	<b>8044-26</b>	<b>8044-28</b>	<b>8044-29</b>



**3 Conductor** **NEW!**  
Blue - Green - White

Gauge	O.D.	Stranding	100'	500'	1000'
12/3 AWG	.245 x .575	65/30	<b>8045-26</b>	<b>8045-28</b>	<b>8045-29</b>

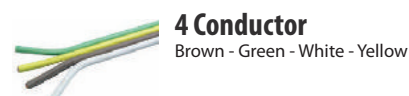
## Bonded Parallel Wire Rated 80°C 60V

All copper strand core. Designed especially for RVs, boats and utility trailers. Conductors meet SAE J1128 specifications.



**2 Conductor**  
Black - Red

Gauge	O.D.	Stranding	25'	100'	1000'
14/2 AWG	.117 x .234	19/27	<b>8139-PK</b>	<b>8139-C</b>	<b>8139-M</b>
16/2 AWG	.102 x .204	19/29	<b>8138-PK</b>	<b>8138-C</b>	<b>8138-29</b>
18/2 AWG	.095 x .190	16/30	<b>8144-PK</b>	<b>8144-C</b>	<b>8144-M</b>



**4 Conductor**  
Brown - Green - White - Yellow

Gauge	O.D.	Stranding	25'	100'	1000'
14/4 AWG	.117 x .468	19/27	<b>8141-PK</b>	<b>8141-C</b>	<b>8141-29</b>
16/4 AWG	.102 x .408	19/29	<b>8143-PK</b>	<b>8143-C</b>	<b>8143-29</b>



**3 Conductor**  
Brown - Green - Yellow

Gauge	O.D.	Stranding	25'	100'	1000'
14/3 AWG	.117 x .351	19/27	<b>8140-PK</b>	<b>8140-C</b>	<b>8140-29</b>
16/3 AWG	.102 x .306	19/29	<b>8142-PK</b>	<b>8142-C</b>	<b>8142-29</b>



**5 Conductor** **NEW!**  
Blue - Brown - Green - White - Yellow

Gauge	O.D.	Stranding	100'
16/5 AWG	.102 x .510	19/29	<b>8135-26</b>



## Primary / Hook Up Wire Rated 105°C 300V

Tinned copper conductors per ASTM B-33, B-8 or B-174. Listed in accordance with UL-758 & CSA C22.2 No. 127 or 210.



### Primary / Hook Up

PVC Insulated



20 AWG .068 Outside Diameter 10/30 Stranding										
Length	Black	Blue	Brown	Green	Orange	Red	White	Yellow	Grey	Purple
25'	8820-0-PK	8820-1-PK	8820-2-PK	8820-3-PK	8820-4-PK	8820-5-PK	8820-6-PK	8820-7-PK	8820-8-PK	8820-9-PK
100'	8820-0-C	8820-1-C	8820-2-C	8820-3-C	8820-4-C	8820-5-C	8820-6-C	8820-7-C	8820-8-C	8820-9-C
1000'	8820-0-M	8820-1-M	8820-2-M	8820-3-M	8820-4-M	8820-5-M	8820-6-M	8820-7-M	8820-8-M	8820-9-M

22 AWG .062 Outside Diameter 7/30 Stranding										
Length	Black	Blue	Brown	Green	Orange	Red	White	Yellow	Grey	Purple
25'	8822-0-PK	8822-1-PK	8822-2-PK	8822-3-PK	8822-4-PK	8822-5-PK	8822-6-PK	8822-7-PK	8822-8-PK	8822-9-PK
100'	8822-0-C	8822-1-C	8822-2-C	8822-3-C	8822-4-C	8822-5-C	8822-6-C	8822-7-C	8822-8-C	8822-9-C
1000'	8822-0-M	8822-1-M	8822-2-M	8822-3-M	8822-4-M	8822-5-M	8822-6-M	8822-7-M	8822-8-M	8822-9-M

24 AWG .056 Outside Diameter 7/32 Stranding										
Length	Black	Blue	Brown	Green	Orange	Red	White	Yellow	Grey	Purple
25'	8824-0-PK	8824-1-PK	8824-2-PK	8824-3-PK	8824-4-PK	8824-5-PK	8824-6-PK	8824-7-PK	8824-8-PK	8824-9-PK
100'	8824-0-C	8824-1-C	8824-2-C	8824-3-C	8824-4-C	8824-5-C	8824-6-C	8824-7-C	8824-8-C	8824-9-C
1000'	8824-0-M	8824-1-M	8824-2-M	8824-3-M	8824-4-M	8824-5-M	8824-6-M	8824-7-M	8824-8-M	8824-9-M

26 AWG .051 Outside Diameter 7/34 Stranding										
Length	Black	Blue	Brown	Green	Orange	Red	White	Yellow	Grey	Purple
25'	8826-0-44	8826-1-44	8826-2-44	8826-3-44	8826-4-44	8826-5-44	8826-6-44	8826-7-44	8826-8-44	8826-9-44
100'	8826-0-26	8826-1-26	8826-2-26	8826-3-26	8826-4-26	8826-5-26	8826-6-26	8826-7-26	8826-8-26	8826-9-26
1000'	8826-0-29	8826-1-29	8826-2-29	8826-3-29	8826-4-29	8826-5-29	8826-6-29	8826-7-29	8826-8-29	8826-9-29

28 AWG .047 Outside Diameter 7/36 Stranding										
Length	Black	Blue	Brown	Green	Orange	Red	White	Yellow	Grey	Purple
25'	8828-0-44	8828-1-44	8828-2-44	8828-3-44	8828-4-44	8828-5-44	8828-6-44	8828-7-44	8828-8-44	8828-9-44
100'	8828-0-26	8828-1-26	8828-2-26	8828-3-26	8828-4-26	8828-5-26	8828-6-26	8828-7-26	8828-8-26	8828-9-26
1000'	8828-0-29	8828-1-29	8828-2-29	8828-3-29	8828-4-29	8828-5-29	8828-6-29	8828-7-29	8828-8-29	8828-9-29

## Ignition Cable



### 7mm Distributor Resistance Core

Graphite impregnated glass fiber core. High dielectric rubber compound insulation with glass fiber braid. Tough EPDM rubber outer jacket.

25'	100'
8040-24	8040-26



### 7mm Silicone Copper Core

Tinned copper conductor silicone. High dielectric rubber compound insulation with fiberglass fishnet. 260°C (500°F) Black silicone outer jacket - high performance.

25'	100'
8043-24	8043-26



### 7mm Metallic Conductor

Tinned copper wire core. High dielectric rubber compound insulation.

25'	100'
8041-24	8041-26



### 8mm Silicone Suppressor

Fiberglass stranded core. High dielectric rubber compound insulation with fiberglass fishnet. 260°C (500°F) Grey silicone outer jacket.

25'	100'
8042-24	8042-26

Ignition Terminals located on Page 73



## Primary Wire Rated 80°C 60V

Stranded annealed, single conductor copper wire. General purpose thermoplastic insulation. Recommended for trucks, tractors, cars & general service. Meets SAE J1128 specifications.



### Primary Wire GPT Insulated



8 AWG .215 Outside Diameter 19/21 Stranding					
Length	Black	Green	Red	White	
10' Package	8108-0-PK	8108-3-PK	8108-5-PK	8108-6-PK	
20' Package	8108-0-47	8108-3-47	8108-5-47	8108-6-47	
50'	8108-0-B	8108-3-B	8108-5-B	8108-6-B	
100'	8108-0-C	8108-3-C	8108-5-C	8108-6-C	
1000'	8108-0-M	8108-3-29	8108-5-M	8108-6-29	

10 AWG .174 Outside Diameter 19/23 Stranding											
Length	Black	Blue	Brown	Green	Orange	Red	White	Yellow	Grey	Purple	Pink
8' Minispool	8110-0-MS	8110-1-MS	8110-2-MS	8110-3-MS	8110-4-MS	8110-5-MS	8110-6-MS	8110-7-MS			
10' Package	8110-0-PK	8110-1-PK	8110-2-PK	8110-3-PK	8110-4-PK	8110-5-PK	8110-6-PK	8110-7-PK			
20' Package	8110-0-47	8110-1-47	8110-2-47	8110-3-47	8110-4-47	8110-5-47	8110-6-47	8110-7-47			
50'	8110-0-B	8110-1-B	8110-2-B	8110-3-B	8110-4-B	8110-5-B	8110-6-B	8110-7-B	8110-8-B	8110-9-B	
100'	8110-0-C	8110-1-C	8110-2-C	8110-3-C	8110-4-C	8110-5-C	8110-6-C	8110-7-C	8110-8-C	8110-9-C	8110-C
1000'	8110-0-M	8110-1-M	8110-2-M		8110-4-M	8110-5-M	8110-6-M	8110-7-M			

12 AWG .142 Outside Diameter 19/25 Stranding											
Length	Black	Blue	Brown	Green	Orange	Red	White	Yellow	Grey	Purple	Pink
10' Minispool	8112-0-MS	8112-1-MS	8112-2-MS	8112-3-MS	8112-4-MS	8112-5-MS	8112-6-MS	8112-7-MS			
10' Package	8112-0-PK	8112-1-PK	8112-2-PK	8112-3-PK	8112-4-PK	8112-5-PK	8112-6-PK	8112-7-PK			
20' Package	8112-0-47	8112-1-47	8112-2-47	8112-3-47	8112-4-47	8112-5-47	8112-6-47	8112-7-47			
50'	8112-0-B	8112-1-B	8112-2-B	8112-3-B	8112-4-B	8112-5-B	8112-6-B	8112-7-B	8112-8-B	8112-9-B	
100'	8112-0-C	8112-1-C	8112-2-C	8112-3-C	8112-4-C	8112-5-C	8112-6-C	8112-7-C	8112-8-C	8112-9-C	8112-C
1000'	8112-0-M	8112-1-M	8112-2-M	8112-3-M	8112-4-M	8112-5-M	8112-6-M	8112-7-M			

14 AWG .117 Outside Diameter 19/27 Stranding											
Length	Black	Blue	Brown	Green	Orange	Red	White	Yellow	Grey	Purple	Pink
20' Minispool	8114-0-MS	8114-1-MS	8114-2-MS	8114-3-MS	8114-4-MS	8114-5-MS	8114-6-MS	8114-7-MS			
25' Package	8114-0-PK	8114-1-PK	8114-2-PK	8114-3-PK	8114-4-PK	8114-5-PK	8114-6-PK	8114-7-PK			
100'	8114-0-C	8114-1-C	8114-2-C	8114-3-C	8114-4-C	8114-5-C	8114-6-C	8114-7-C	8114-8-C	8114-9-C	8114-C
1000'	8114-0-M	8114-1-M	8114-2-M	8114-3-M	8114-4-M	8114-5-M	8114-6-M	8114-7-M	8114-8-M	8114-9-M	8114-M

16 AWG .102 Outside Diameter 19/29 Stranding											
Length	Black	Blue	Brown	Green	Orange	Red	White	Yellow	Grey	Purple	Pink
25' Minispool	8116-0-MS	8116-1-MS	8116-2-MS	8116-3-MS	8116-4-MS	8116-5-MS	8116-6-MS	8116-7-MS			
25' Package	8116-0-PK	8116-1-PK	8116-2-PK	8116-3-PK	8116-4-PK	8116-5-PK	8116-6-PK	8116-7-PK			
100'	8116-0-C	8116-1-C	8116-2-C	8116-3-C	8116-4-C	8116-5-C	8116-6-C	8116-7-C	8116-8-C	8116-9-C	8116-C
1000'	8116-0-M	8116-1-M	8116-2-M	8116-3-M	8116-4-M	8116-5-M	8116-6-M	8116-7-M	8116-8-M	8116-9-M	8116-M

18 AWG .095 Outside Diameter 16/30 Stranding											
Length	Black	Blue	Brown	Green	Orange	Red	White	Yellow	Grey	Purple	Pink
25' Package	8118-0-PK	8118-1-PK	8118-2-PK	8118-3-PK	8118-4-PK	8118-5-PK	8118-6-PK	8118-7-PK			
35' Minispool	8118-0-MS	8118-1-MS	8118-2-MS	8118-3-MS	8118-4-MS	8118-5-MS	8118-6-MS	8118-7-MS			
100'	8118-0-C	8118-1-C	8118-2-C	8118-3-C	8118-4-C	8118-5-C	8118-6-C	8118-7-C	8118-8-C	8118-9-C	8118-C
1000'	8118-0-M	8118-1-M	8118-2-M	8118-3-M	8118-4-M	8118-5-M	8118-6-M	8118-7-M	8118-8-M	8118-9-M	8118-M

20 AWG .085 Outside Diameter 10/30 Stranding							
Length	Black	Blue	Brown	Green	Red	White	Yellow
25' Package	8120-0-44	8120-1-44	8120-2-44	8120-3-44	8120-5-44	8120-6-44	8120-7-44
100'	8120-0-26	8120-1-26	8120-2-26	8120-3-26	8120-5-26	8120-6-26	8120-7-26
1000'	8120-0-29	8120-1-29	8120-2-29	8120-3-29	8120-5-29	8120-6-29	8120-7-29



## Rubber Cord Type SJ00W -40°C to 90°C & Electrical Plugs

Extra flexible EPDM rubber insulation and CPE jacket. CSA/UL certified for indoor and outdoor use in dry locations. Ideal for flex applications in harsh environments where the highest degree for oil resistant and extended service life are essential. Meets CSA FT-2. Meets or exceeds all applicable requirements of UL-62, CSA Standard 22.2 No. 49, MSHA flame resistance for mining applications. Complies with military spec JC-580B, NEC article 400, OSHA acceptable.



**2 Conductor**  
Black - White



Gauge	Stranding	50'	100'	250'
14/2 AWG	41/30	<b>8902-B</b>	<b>8902-C</b>	<b>8902-27</b>
16/2 AWG	23/30	<b>8901-B</b>	<b>8901-C</b>	<b>8901-27</b>
18/2 AWG	16/30	<b>8900-B</b>	<b>8900-C</b>	<b>8900-27</b>



**3 Conductor**  
Black - Green - White



Gauge	Stranding	50'	100'	250'
10/3 AWG	104/30	<b>8907-25</b>	<b>8907-26</b>	<b>8907-27</b>
12/3 AWG	65/30	<b>8906-25</b>	<b>8906-26</b>	<b>8906-27</b>
14/3 AWG	41/30	<b>8905-B</b>	<b>8905-C</b>	<b>8905-27</b>
16/3 AWG	23/30	<b>8904-B</b>	<b>8904-C</b>	<b>8904-27</b>
18/3 AWG	16/30	<b>8903-B</b>	<b>8903-C</b>	<b>8903-27</b>



**Industrial Grade Electrical Plugs**  
S-15R NEMA configuration.

Description	1 PC	10 PC
Female	<b>8956-11</b>	<b>8956-34</b>
Male	<b>8957-11</b>	<b>8957-34</b>
Pair	<b>8958-91</b>	



**Hippo Hinge Electrical Plugs**

Description	1 PC	10 PC
Female	<b>8952-11</b>	<b>8952-34</b>
Male	<b>8953-11</b>	<b>8953-34</b>

## SXL Cross-Linked Polyethylene Wire Rated 125°C 60V DC/25V AC

Special purpose automotive wire for circuit wiring where higher heat resistance is a requirement. Meets SAE J1128, Ford ESB-MIL 123A and Chrysler MS-5919 specifications.



**SXL Wire**



<b>10 AWG</b>		.191 Outside Diameter		19/23 Stranding			
Length	Black	Green	Red	White			
100'	<b>8510-0-C</b>	<b>8510-3-C</b>	<b>8510-5-C</b>	<b>8510-6-C</b>			

<b>12 AWG</b>		.161 Outside Diameter		19/25 Stranding			
Length	Black	Blue	Brown	Green	Red	White	Yellow
100'	<b>8512-0-C</b>	<b>8512-1-C</b>	<b>8512-2-C</b>	<b>8512-3-C</b>	<b>8512-5-C</b>	<b>8512-6-C</b>	<b>8512-7-C</b>

<b>14 AWG</b>		.138 Outside Diameter		19/27 Stranding			
Length	Black	Blue	Brown	Green	Red	White	Yellow
100'	<b>8514-0-C</b>	<b>8514-1-C</b>	<b>8514-2-C</b>	<b>8514-3-C</b>	<b>8514-5-C</b>	<b>8514-6-C</b>	<b>8514-7-C</b>
1000'	<b>8514-0-29</b>	<b>8514-1-29</b>	<b>8514-2-29</b>	<b>8514-3-29</b>	<b>8514-5-29</b>	<b>8514-6-29</b>	<b>8514-7-29</b>

<b>16 AWG</b>		.119 Outside Diameter		19/29 Stranding			
Length	Black	Blue	Brown	Green	Red	White	Yellow
100'	<b>8516-0-C</b>	<b>8516-1-C</b>	<b>8516-2-C</b>	<b>8516-3-C</b>	<b>8516-5-C</b>	<b>8516-6-C</b>	<b>8516-7-C</b>
1000'	<b>8516-0-29</b>	<b>8516-1-29</b>	<b>8516-2-29</b>	<b>8516-3-29</b>	<b>8516-5-29</b>	<b>8516-6-29</b>	<b>8516-7-29</b>

<b>18 AWG</b>		.107 Outside Diameter		16/30 Stranding			
Length	Black	Blue	Green	Red	White		
100'	<b>8518-0-C</b>	<b>8518-1-C</b>	<b>8518-3-C</b>	<b>8518-5-C</b>	<b>8518-6-C</b>		
1000'	<b>8518-0-29</b>	<b>8518-1-29</b>	<b>8518-3-29</b>	<b>8518-5-29</b>	<b>8518-6-29</b>		



## TEW Wire Rated 105°C 600V

Meets UL, CSA, MTW, TEW, TW, AWM, 1015/1230/1345 specifications. UL/CSA PVC insulated single conductor wire. Multi-rated for internal wiring of appliances and equipment. Bare copper construction.



### TEW Wire



10 AWG .180 Outside Diameter 105/30 Stranding					
Length	Black	Blue	Green	Red	White
100'	8010-0-C	8010-1-C	8010-3-C	8010-5-C	8010-6-C
1000'	8010-0-M	8010-1-M	8010-3-M	8010-5-M	8010-6-M

12 AWG .156 Outside Diameter 65/30 Stranding					
Length	Black	Blue	Green	Red	White
100'	8012-0-C	8012-1-C	8012-3-C	8012-5-C	8012-6-C
1000'	8012-0-M	8012-1-M	8012-3-M	8012-5-M	8012-6-M

14 AWG .138 Outside Diameter 41/30 Stranding								
Length	Black	Blue	Brown	Green	Orange	Red	White	Yellow
25'	8014-0-44	8014-1-44		8014-3-44	8014-4-44	8014-5-44	8014-6-44	8014-7-44
100'	8014-0-C	8014-1-C	8014-2-C	8014-3-C	8014-4-C	8014-5-C	8014-6-C	8014-7-C
1000'	8014-0-M	8014-1-M	8014-2-M	8014-3-M	8014-4-M	8014-5-M	8014-6-M	8014-7-M

16 AWG .123 Outside Diameter 26/30 Stranding								
Length	Black	Blue	Brown	Green	Orange	Red	White	Yellow
25'	8016-0-44	8016-1-44		8016-3-44	8016-4-44	8016-5-44	8016-6-44	8016-7-44
100'	8016-0-C	8016-1-C	8016-2-C	8016-3-C	8016-4-C	8016-5-C	8016-6-C	8016-7-C
1000'	8016-0-M	8016-1-M	8016-2-M	8016-3-M	8016-4-M	8016-5-M	8016-6-M	8016-7-M

18 AWG .112 Outside Diameter 16/30 Stranding								
Length	Black	Blue	Brown	Green	Orange	Red	White	Yellow
25'	8018-0-44	8018-1-44		8018-3-44	8018-4-44	8018-5-44	8018-6-44	8018-7-44
100'	8018-0-C	8018-1-C	8018-2-C	8018-3-C	8018-4-C	8018-5-C	8018-6-C	8018-7-C
1000'	8018-0-M	8018-1-M	8018-2-M	8018-3-M	8018-4-M	8018-5-M	8018-6-M	8018-7-M

## GTF Wire Rated 125°C 600V



### GTF Fixture Wire

Thermoplastic and lacquered glass braid insulation. CSA specification C22-2 No. 127-1981.



Gauge	O.D.	Stranding	Colour	10'	100'
12 AWG	.187	65/30	Black	8132-0-PK	8132-0-C
			Red	8132-5-PK	8132-5-C
			White	8132-6-PK	8132-6-C
14 AWG	.137	41/30	Black	8134-0-PK	8134-0-C
			Red	8134-5-PK	8134-5-C
			White	8134-6-PK	8134-6-C

## Mechanics Wire



### 18GA Mechanics Wire

General purpose soft annealed mechanics stove pipe tie-wire. Also known as baling wire. Used in an agricultural setting and industrial setting for everything from mending fences to manually binding square bales of hay, straw, or cut grass.

50'	75'	330'
8122-13	8122-PK	8122-RL

## Speaker Wire



### Speaker Wire

Top grade copper wire. PVC insulated clear coat with tracer. ISO 3808:2002, Class E, Type 3B. SAE J2031, Class E, Type 3

Description	Small Pack	50'	100'
12/2 AWG	8121-24 25'	8121-25	8121-C
18/2 AWG	8127-24 15'	8127-25	8127-C



## Fusible Link Wire

Fusible links are not rated in amps like fuses because each installation is unique & designed to meet specific circuit protection. Opens circuit when extreme overload occurs. Used to repair factory installed fusible links. Original length & gauge must match exactly. Fusible link should be 4 gauges smaller than circuit. CAUTION: DO NOT substitute ordinary wire for fusible links. DO NOT replace fuses with fusible link wire.

Highly technical calculations are required to determine the correct length and gauge of fusible links.



### Install Packs

Each pack includes:  
12" Fusible Link  
2 Butt Connectors  
1 Ring Connector

12 AWG	14 AWG	16 AWG	18 AWG
8612-BP	8614-BP	8616-BP	8618-BP



### Spools

Gauge	Stranding	10'	15'
12 AWG	19/27	8612-RL	
14 AWG	19/29		8614-RL
16 AWG	16/30		8616-RL
18 AWG	10/30		8618-RL

## Battery-Starter Cable 60V



### PVC Insulated

Tough, high temperature PVC insulation that is both abrasion and chemical resistant. Full gauge copper conductor. Recommended for connecting battery to switch, starter and ground. Meets or exceeds SAE J1127 specifications.  
Rated -50°C to 105°C



Black					Red				
25'	50'	100'	Gauge	O.D.	Stranding	25'	50'	100'	
<b>NEW!</b> 8097-0-24	8097-0-25	8097-0-26	4/0 AWG	.706	19 x 108/30	8097-5-24	8097-5-25	8097-5-26	
8098-PK	8098-B	8098-C	3/0 AWG	.695	259/22	8098-5-24	8098-5-25	8098-5-26	
8099-PK	8099-B	8099-C	2/0 AWG	.604	133/20	8099-5-PK	8099-5-B	8099-5-C	
8100-PK	8100-B	8100-C	1/0 AWG	.550	133/21	8100-5-PK	8100-5-B	8100-5-C	
8101-PK	8101-B	8101-C	1 AWG	.490	133/22	8101-5-PK	8101-5-B	8101-5-C	
8102-PK	8102-B	8102-C	2 AWG	.450	133/23	8102-5-PK	8102-5-B	8102-5-C	
8104-PK	8104-B	8104-C	4 AWG	.380	70/22.5	8104-5-PK	8104-5-B	8104-5-C	
8105-PK	8105-B	8105-C	6 AWG	.330	49/22.2	8105-5-PK	8105-5-B	8105-5-C	



### EPR Insulated

Stranded bare copper with rubber jacket. Recommended for connecting battery to switch, starter and ground. Meets or exceeds SAE J1127 specifications.  
0.080" Insulated Thickness  
Rated 90°C



Black					
25'	50'	100'	Gauge	O.D.	Stranding
8097N-24	8097N-25	8097N-26	4/0 AWG	.760	1026

## Welding Cable Rated -50°C to 105°C 600V

Vulcanized EPDM jacket that is oil, flame, abrasion, water and grease resistant. Fully annealed soft-drawn copper. Meets or exceeds ASTM B-172.



### Welding Cable



Black					Red				
25'	50'	100'	Gauge	O.D.	Stranding	25'	50'	100'	
8058-PK	8058-B	8058-C	4/0 AWG	.740	2035	8058-5-PK	8058-5-B	8058-5-C	
8057-PK	8057-B	8057-C	3/0 AWG	.690	1666	8057-5-PK	8057-5-B	8057-5-C	
8059-PK	8059-B	8059-C	2/0 AWG	.615	1323	8059-5-PK	8059-5-B	8059-5-C	
8060-PK	8060-B	8060-C	1/0 AWG	.580	1064	8060-5-PK	8060-5-B	8060-5-C	
8061-PK	8061-B	8061-C	1 AWG	.530	836	8061-5-PK	8061-5-B	8061-5-C	
8062-PK	8062-B	8062-C	2 AWG	.440	666	8062-5-PK	8062-5-B	8062-5-C	
8064-PK	8064-B	8064-C	4 AWG	.380	420	8064-5-PK	8064-5-B	8064-5-C	







**7mm Distributor Clip with Short Spike**

10 PC	100 PC
7050-14	7050-16



**7-8mm Angle Ignition Terminal2**  
2 Piece Spring Lock

4 PC	10 PC	100 PC
7053-13	7053-14	7053-36



**7mm Distributor Terminal**

7 PC	10 PC	100 PC
7045-13	7045-14	7045-C



**7-8mm Straight Ignition Terminal**  
2 Piece Spring Lock

2 PC	10 PC
7046-13	7046-14



**7mm Right Angle Ignition Terminal**

10 PC	100 PC
7051-14	7051-36



**Spark Plug Boot Insulating Sleeve**  
 Installs in minutes... Protects for years. Insulating sleeves are completely non-conductive, resist all engine chemicals and will provide an easy, economical solution to the challenge of wire protection in the cramped, high temperature environment of any high performance engine compartment. Installs easily over most standard plug/boot/cable combinations, even molded or right angle boots. Can even rest directly on hot exhaust headers with no effect. Protects your expensive and delicate spark plug cable set from engine temperatures up to 650°C (1200°F).

2 PC	4 PC
7034-0-12	7034-0-14



**7mm Spark Plug Protector**

2 PC	10 PC
7040-13	7040-34



**7mm Straight Ignition Terminal**

10 PC	100 PC
7052-14	7052-36

**Ignition Wire located on Page 68**



**7-8mm Angle Ignition Terminal**  
Bendable up to 90°

10 PC	50 PC
7047-14	7047-34



## Economy Cable Ties



### Economy Cable Ties



Description	Bundle	Tensile	100 PC	1000 PC
4" Natural	0.805"	18 lb.	<b>7063K-36</b>	<b>7063K-39</b>
4" UV Black	0.805"	18 lb.	<b>7063K0-36</b>	<b>7063K0-39</b>
6" Natural	1.42"	40 lb.	<b>7065K-36</b>	<b>7065K-39</b>
6" UV Black	1.42"	40 lb.	<b>7065K0-36</b>	<b>7065K0-39</b>
7.5" Natural	2"	50 lb.	<b>7066K-36</b>	<b>7066K-39</b>
7.5" UV Black	2"	50 lb.	<b>7066K0-36</b>	<b>7066K0-39</b>
11" Natural	2.94"	50 lb.	<b>7067K-36</b>	<b>7067K-39</b>
11" UV Black	2.94"	50 lb.	<b>7067K0-36</b>	<b>7067K0-39</b>
14" Natural	3.93"	50 lb.	<b>7068K-36</b>	<b>7068K-39</b>
14" UV Black	3.93"	50 lb.	<b>7068K0-36</b>	<b>7068K0-39</b>
15" Natural	4.25"	120 lb.	<b>7068HDK-36</b>	<b>7068HDK-39</b>
15" UV Black	4.25"	120 lb.	<b>7068HK0-36</b>	<b>7068HK0-39</b>
24" Natural	7.15"	175 lb.	<b>7069K-36</b>	<b>7069K-39</b>
24" UV Black	7.15"	175 lb.	<b>7069K0-36</b>	<b>7069K0-39</b>
36" Natural	11"	175 lb.	<b>7150K-36</b>	<b>7150K-39</b>
36" UV Black	11"	175 lb.	<b>7150K0-36</b>	<b>7150K0-39</b>



### Economy Mount Tab Cable Ties



Description	Bundle	Tensile	Mount	100 PC	1000 PC
5.9" Natural	1.4"	40 lb.	#8	<b>7071K-36</b>	<b>7071K-39</b>
5.9" Black	1.4"	40 lb.	#8	<b>7071K0-36</b>	<b>7071K0-39</b>
8" Natural	2"	50 lb.	#10	<b>7072K-36</b>	<b>7072K-39</b>
8" Black	2"	50 lb.	#10	<b>7072K0-36</b>	<b>7072K0-39</b>
11.8" Natural	3"	50 lb.	#10	<b>7075K-36</b>	<b>7075K-39</b>
11.8" Black	3"	50 lb.	#10	<b>7075K0-36</b>	<b>7075K0-39</b>
14.5" Natural	4.3"	50 lb.	#10	<b>7076K-36</b>	<b>7076K-39</b>
14.5" Black	4.3"	50 lb.	#10	<b>7076K0-36</b>	<b>7076K0-39</b>
14.5" Natural	3.9"	120 lb.	1/4"	<b>7077K-36</b>	<b>7077K-39</b>
14.5" Black	3.9"	120 lb.	1/4"	<b>7077K0-36</b>	<b>7077K0-39</b>

## Nylon Mounts



### Pads

Patented stay-n-place tab keeps cable tie head from sliding down behind bundle during vertical applications and maintains placement during horizontal applications. Easy insertion of cable ties patented lead-n-feature funnels cable ties into position and counter sunk screw hole allows cable tie to easily pass over screw head. Saves positioning time with the four side entry and center screw hole.

Adhesive	Colour	Screw	Ties	25 PC	100 PC
None	Natural	#6	50 lb.	<b>7080-PK</b>	<b>7080-C</b>
None	UV Black	#6	50 lb.	<b>7080-0-34</b>	<b>7080-0-36</b>
Rubber	Natural	#6	50 lb.	<b>7081-PK</b>	<b>7081-C</b>
Rubber	UV Black	#6	50 lb.	<b>7081-0-34</b>	<b>7081-0-36</b>
Rubber	Natural	#4	50 lb.	<b>7082-PK</b>	<b>7082-C</b>
Rubber	UV Black	#4	50 lb.	<b>7082-0-34</b>	<b>7082-0-36</b>
Acrylic	Natural	#6	50 lb.	<b>7085-34</b>	<b>7085-36</b>
Acrylic	UV Black	#6	50 lb.	<b>7085-0-34</b>	<b>7085-0-36</b>



### Screw

Secure support deep cradle design provides maximum support for larger bundles and tubing. Easy insertion of cable ties. Deep recessed screw hole allows cable ties to pass over screw head.

Screw	Colour	Ties	25 PC	100 PC
#6	Natural	50 lb.	<b>7084-34</b>	<b>7084-36</b>
#6	UV Black	50 lb.	<b>7084-0-34</b>	<b>7084-0-36</b>
#8	Natural	50 lb.	<b>7183-6-34</b>	<b>7183-6-36</b>
#8	UV Black	50 lb.	<b>7183-0-34</b>	<b>7183-0-36</b>
1/4"	Natural	120 lb.	<b>7083-34</b>	<b>7083-36</b>
1/4"	UV Black	120 lb.	<b>7083-0-34</b>	<b>7083-0-36</b>



## Standard Cable Ties

One piece self-locking cable ties. No metal barb. Tie locks in place automatically. Snip off excess tail. General purpose nylon 6-6 is a weather resistant grade suitable for use in most practical applications at a continuous temperature up to 150°F. Rated UL94-V2, MIL-M-20693B



**4" Miniature 18 lb.**  
 Bundle Diameter: 0.805"  
 Thickness: .040"  
 Width: 0.095"



Colour	25 PC	100 PC	1000 PC
Natural	<b>7063-PK</b>	<b>7063-C</b>	<b>7063-M</b>
UV Black	<b>7063-0-PK</b>	<b>7063-0-C</b>	<b>7063-0-M</b>



**8" Intermediate 40 lb.**  
 Bundle Diameter: 2.375"  
 Thickness: 0.049"  
 Width: 0.140"



Colour	Military Spec.	25 PC	100 PC	1000 PC
Natural	MS 3367-5-9	<b>7066L-PK</b>	<b>7066L-C</b>	<b>7066L-M</b>
UV Black	MS 3367-5-0	<b>7066L0-PK</b>	<b>7066L0-C</b>	<b>7066L0-M</b>



**5.8" Intermediate 40 lb.**  
 Bundle Diameter: 1.25"  
 Thickness: 0.05"  
 Width: 0.142"



Colour	Military Spec.	25 PC	100 PC	1000 PC
Natural	MS 3367-5-9	<b>7065-PK</b>	<b>7065-C</b>	<b>7065-M</b>
UV Black	MS 3367-5-0	<b>7065-0-PK</b>	<b>7065-0-C</b>	<b>7065-0-M</b>



**11" Standard 50 lb.**  
 Bundle Diameter: 3.0"  
 Thickness: 0.054"  
 Width: 0.142"



Colour	Military Spec.	25 PC	100 PC	1000 PC
Natural	MS 3367-7-9	<b>7067-PK</b>	<b>7067-C</b>	<b>7067-M</b>
UV Black	MS 3367-7-0	<b>7067-0-PK</b>	<b>7067-0-C</b>	<b>7067-0-M</b>



**7.5" Standard 50 lb.**  
 Bundle Diameter: 2.0"  
 Thickness: 0.054"  
 Width: 0.142"



Colour	Military Spec.	25 PC	100 PC	1000 PC
Natural	MS 3367-1-9	<b>7066-PK</b>	<b>7066-C</b>	<b>7066-M</b>
UV Black	MS 3367-1-0	<b>7066-0-PK</b>	<b>7066-0-C</b>	<b>7066-0-M</b>



**11" Coloured 50 lb.**  
 Bundle Diameter: 3.062"  
 Thickness: 0.052"  
 Width: 0.180"

Colour	Military Spec.	25 PC	100 PC
Blue	MS 3367-7-6	<b>7067-1-PK</b>	<b>7067-1-C</b>
Brown	MS 3367-7-1	<b>7067-2-PK</b>	<b>7067-2-C</b>
Green	MS 3367-7-5	<b>7067-3-PK</b>	<b>7067-3-C</b>
Orange	MS 3367-7-3	<b>7067-4-PK</b>	<b>7067-4-C</b>
Red	MS 3367-7-2	<b>7067-5-PK</b>	<b>7067-5-C</b>
Yellow	MS 3367-7-4	<b>7067-7-PK</b>	<b>7067-7-C</b>
Grey	MS 3367-7-8	<b>7067-8-PK</b>	<b>7067-8-C</b>
Purple	MS 3367-7-7	<b>7067-9-PK</b>	<b>7067-9-C</b>



**7.5" Coloured 50 lb.**  
 Bundle Diameter: 1.875"  
 Thickness: 0.052"  
 Width: 0.180"



Colour	Military Spec.	25 PC	100 PC	1000 PC
Blue	MS 3367-1-6	<b>7066-1-PK</b>	<b>7066-1-C</b>	<b>7066-1-M</b>
Brown	MS 3367-1-1	<b>7066-2-PK</b>	<b>7066-2-C</b>	<b>7066-2-M</b>
Green	MS 3367-1-5	<b>7066-3-PK</b>	<b>7066-3-C</b>	<b>7066-3-M</b>
Orange	MS 3367-1-3	<b>7066-4-PK</b>	<b>7066-4-C</b>	<b>7066-4-M</b>
Red	MS 3367-1-2	<b>7066-5-PK</b>	<b>7066-5-C</b>	<b>7066-5-M</b>
Yellow	MS 3367-1-4	<b>7066-7-PK</b>	<b>7066-7-C</b>	<b>7066-7-M</b>
Grey	MS 3367-1-8	<b>7066-8-PK</b>	<b>7066-8-C</b>	<b>7066-8-M</b>
Purple	MS 3367-1-7	<b>7066-9-PK</b>	<b>7066-9-C</b>	<b>7066-9-M</b>
Neon Blue		<b>7066-N1-PK</b>	<b>7066-N1-C</b>	
Neon Green		<b>7066-N3-PK</b>	<b>7066-N3-C</b>	
Neon Orange		<b>7066-N4-PK</b>	<b>7066-N4-C</b>	
Neon Yellow		<b>7066-N7-PK</b>	<b>7066-N7-C</b>	
Neon Pink		<b>7066-N9-PK</b>	<b>7066-N9-C</b>	



**14" Standard 50 lb.**  
 Bundle Diameter: 4.0"  
 Thickness: 0.054"  
 Width: 0.142"



Colour	25 PC	100 PC	1000 PC
Natural	<b>7068-PK</b>	<b>7068-C</b>	<b>7068-M</b>
UV Black	<b>7068-0-PK</b>	<b>7068-0-C</b>	<b>7068-0-M</b>

## Assortments



### Assortment Pack

Contains 4", 6" and 7.5" Standard Cable Ties.

Description	Qty	1 Pack
Natural	25	<b>7166-PK</b>
UV Black & Natural	60	<b>7160-PK</b>



### Assortment Kit

Contains 4", 7.5" and 11" Standard Cable Ties



Description	Qty	1 Kit
Natural	400	<b>20-CS</b>
UV Black	400	<b>21-CS</b>



### 7.5" Coloured Assortment Pack **NEW!**

Contains 25 each of blue, green, orange, red, yellow and purple cable ties.

Qty	1 Pack
150	<b>7165-91</b>



### 11" Coloured Assortment Pack **NEW!**

Contains 25 each of blue, green, orange, red, yellow and purple cable ties.

Qty	1 Pack
150	<b>7167-91</b>

## Specialty Cable Ties



### Clamp

Clamp tie has triangular shaped tabs extending beneath the head, allowing for optimal surface contact and complete circumferential compression to 360 degrees. Recommended for soft rubber hose applications including fuel, water and air vacuum lines. UL94-V2

Description	Bundle	Tensile	25 PC	100 PC	1000 PC
4" UV Black	0.5"	20 lb.	<b>7164-0-PK</b>	<b>7164-0-C</b>	<b>7164-0-M</b>
8" UV Black	1.77"	60 lb.	<b>7168-0-PK</b>	<b>7168-0-C</b>	



### Cold Weather **NEW!**

Enhanced flexibility and strength for severe cold temperature applications. Material rated at -40°C (-40°F) per ISO180. Tested for application performance at -20°C (-4°F).

Description	Bundle	Tensile	25 PC	100 PC
7.5" UV Black	1.875"	50 lb.	<b>7295-34</b>	<b>7295-36</b>
11" UV Black	3.062"	50 lb.	<b>7296-34</b>	<b>7296-36</b>
14" UV Black	4"	50 lb.	<b>7297-34</b>	<b>7297-36</b>
14" UV Black	4.06"	120 lb.	<b>7298-34</b>	<b>7298-36</b>



### Heat Stabilized



Description	Bundle	Tensile	100 PC	1000 PC
7.5" UV Black	1.675"	50 lb.	<b>7266-36</b>	<b>7266-39</b>
11.2" UV Black	3.062"	50 lb.	<b>7267-36</b>	<b>7267-39</b>



### Low Profile

Reduced head height compared to standard head designs. Increased safety, eliminates snags, cuts & abrasions to cables, hoses, products and users. No sharp tail cutoffs. Remaining tail slips back into head of the tie leaving no exposed sharp edges. Quick and safe removal; simply cut and pry top crossbar to release cable tie, eliminating damage to wires, tubing, etc. Flexible head design allows the head to easily flex around the total circumference of tubing or bundled wires. Tamper proof pawl located under the tie's head, makes it inaccessible when bundled. Easy handling finger grips on the tail provides a no slip grip during insertion and tensioning.

Description	Bundle	Tensile	25 PC	100 PC
7.5" Natural	1.75"	50 lb.	<b>7176-PK</b>	<b>7176-C</b>
7.5" UV Black	1.75"	50 lb.	<b>7176-0-PK</b>	<b>7176-0-C</b>
11" Natural	3.06"	50 lb.	<b>7177-34</b>	<b>7177-36</b>
11" UV Black	3.06"	50 lb.	<b>7177-0-34</b>	<b>7177-0-36</b>
14" Natural	4.06"	50 lb.	<b>7179-34</b>	<b>7179-36</b>
14" UV Black	4.06"	50 lb.	<b>7179-0-34</b>	<b>7179-0-36</b>
14" Natural	4.06"	120 lb.	<b>7178-34</b>	<b>7178-36</b>
14" UV Black	4.06"	120 lb.	<b>7178-0-34</b>	<b>7178-0-36</b>



### Metal Pawl



Description	Bundle	Tensile	25 PC	100 PC
7.5" UV Black	1.93"	50 lb.	<b>7256-34</b>	<b>7256-36</b>
11" UV Black	3.09"	50 lb.	<b>7257-34</b>	<b>7257-36</b>
14" UV Black	4.05"	50 lb.	<b>7258-34</b>	<b>7258-36</b>
15" UV Black	4.25"	120 lb.	<b>7259-34</b>	<b>7259-36</b>



**Heavy Duty 120 lb.**



Description	Bundle	25 PC	100 PC	1000 PC
8" Natural	2"	7066HD-PK	7066HD-C	7066HD-M
8" UV Black	2"	7066HD0-PK	7066HD0-C	7066HD0-M
15" Natural	4.06"	7068HD-PK	7068HD-C	7068HD-M
15" UV Black	4.06"	7068HD0-PK	7068HD0-C	7068HD0-M
18" UV Black	5.25"	7291-34	7291-36	
24" UV Black	7"	7293-34	7293-36	
30" Natural	8"	7070-PK	7070-C	
30" UV Black	8"	7070-0-PK	7070-0-C	

**Heavy Duty 175 lb.**



Description	Bundle	25 PC	100 PC	1000 PC
25.2" Natural	7.18"	7069-PK	7069-C	7069-M
25.2" UV Black	7.18"	7069-0-PK	7069-0-C	7069-0-M
37.2" Natural	11"	7150HD-PK	7150HD-C	
37.2" UV Black	11"	7150HD0-PK	7150HD0-C	
48.5" Natural	14.5"	7152HD-PK	7152HD-C	
48.5" UV Black	14.5"	7152HD0-PK	7152HD0-C	

**Heavy Duty 250 lb.**



Description	Bundle	25 PC	100 PC
9" Natural	2.17"	7140HD-PK	7140HD-C
22" UV Black	5.7"	7141HD0-PK	7141HD0-C

**Stainless Steel** NEW!

These non-flammable ties are ideal for harsh, corrosive and salt water environments, chemical and radiation exposure, food processing and vibrating equipment.

Length	Bundle	Tensile	25 PC	100 PC	1000 PC
8"	2"	120 lb.	7271-34	7271-36	7271-39
14"	4"	120 lb.	7272-34	7272-36	
20"	6"	120 lb.	7273-34	7273-36	
27"	8"	120 lb.	7274-34	7274-36	
14"	4"	485 lb.	7282-34		
20"	6"	485 lb.	7283-34		
27"	8"	485 lb.	7284-34		

**Mount Tab - 30 lb.**  
#8 Mounting Hole



Description	Bundle	25 PC	100 PC	1000 PC
5.8" Natural	1.25"	7071-PK	7071-C	7071-M
5.8" UV Black	1.25"	7071-0-PK	7071-0-C	7071-0-39

**Mount Tab - 50 lb.**  
#10 Mounting Hole



Description	Bundle	25 PC	100 PC	1000 PC
8" Natural	1.75"	7072-PK	7072-C	7072-M
8" UV Black	1.75"	7072-0-PK	7072-0-C	7072-0-M
11.5" Natural	3"	7075-PK	7075-C	7075-M
11.5" UV Black	3"	7075-0-PK	7075-0-C	7075-0-M
14.5" Natural	4"	7076-PK	7076-C	7076-M
14.5" UV Black	4"	7076-0-PK	7076-0-C	7076-0-M

**Mount Tab - 120 lb.**  
1/4" Mounting Hole



Description	Bundle	25 PC	100 PC
15.7" Natural	4.06"	7077-PK	7077-C
15.7" UV Black	4.06"	7077-0-PK	7077-0-C
22" UV Black	6"	7078-0-PK	7078-0-C

**Push Mount Fir Tree**



Fir tree grips to inside of hole. Can be used with metal, wood, plastic or cast iron. Heat stabilized.



Description	Bundle	Tensile	25 PC	100 PC
8" UV Black	2"	50 lb.	7250-34	7250-36

**Releasable**



Temporary or permanent bundling allows for quick addition or removal of wires or items. Strap finger release latch allows easy access.

Description	Bundle	Tensile	25 PC	100 PC
5.9" Natural	1.37"	50 lb.	7092-PK	7092-C
7.6" Natural	2.0"	50 lb.	7093-PK	7093-C
11.8" Natural	3.15"	50 lb.	7094-PK	7094-C

## Clips, Vacuum Caps & Grommets

## Nylon Cable Clamps



### Chassis Clips

Spring steel, push-on clips, finished in black enamel. Spring tension holds the clip in place while it secures the wires to panel surfaces.

Size	3 PC	25 PC	100 PC	1000 PC
3/16"	<b>7060-BP</b>	<b>7060-PK</b>	<b>7060-C</b>	<b>7060-M</b>
1/4"	<b>7061-13</b>	<b>7061-PK</b>	<b>7061-C</b>	<b>7061-39</b>
3/8"	<b>7062-13</b>	<b>7062-PK</b>	<b>7062-C</b>	<b>7062-39</b>



### Clips with Nails

Plastic round clips. The hardened steel pins are made from a high carbon steel, heat-treated and then electro zinc plated. Suitable eye protection must be worn during installation.

Size	Colour	Mini Pack	100 PC	1000 PC
3.5 mm	White	<b>7601-BP</b> 20 PC	<b>7601-C</b>	
5 mm	White	<b>7603-BP</b> 18 PC	<b>7603-C</b>	
6 mm	White	<b>7604-BP</b> 16 PC	<b>7604-C</b>	<b>7604-39</b>
	Black	<b>7604-0-BP</b> 16 PC	<b>7604-0-C</b>	<b>7604-0-39</b>
7 mm	White	<b>7605-BP</b> 12 PC	<b>7605-C</b>	<b>7605-39</b>
	Black	<b>7605-0-BP</b> 12 PC	<b>7605-0-C</b>	<b>7605-0-39</b>
8 mm	White	<b>7606-BP</b> 10 PC	<b>7606-C</b>	<b>7606-39</b>
	Black	<b>7606-0-BP</b> 10 PC	<b>7606-0-C</b>	<b>7606-0-39</b>
9 mm	White	<b>7607-BP</b> 8 PC	<b>7607-C</b>	<b>7607-39</b>
10 mm	White	<b>7608-BP</b> 8 PC	<b>7608-C</b>	<b>7608-39</b>



### Vacuum Caps

Flexible vinyl tips.

Size	Colour	25 PC	100 PC	1000 PC
1/8"	Black	<b>7020-BP</b>	<b>7020-C</b>	<b>7020-39</b>
3/16"	White	<b>7021-BP</b>	<b>7021-C</b>	<b>7021-39</b>
1/4"	Red	<b>7022-BP</b>	<b>7022-C</b>	<b>7022-39</b>
5/16"	Blue	<b>7023-BP</b>	<b>7023-C</b>	<b>7023-39</b>
3/8"	Yellow	<b>7024-BP</b>	<b>7024-C</b>	<b>7024-39</b>
		<b>9 PC</b>	<b>19 PC</b>	<b>40 PC</b>
1/8" to 1/4"	Assortment	<b>7025-BP</b>	<b>7025-14</b>	<b>7025-B</b>
1/4" to 3/8"	Assortment	<b>7026-BP</b>	<b>7026-14</b>	<b>7026-B</b>



### Vinyl Grommets

Flexible oil resistant vinyl grommets. Insert into pre-drilled holes to guard against cut or frayed wires.

A	B	C	Mini Pack	25 PC	100 PC	1000 PC
1/8"	1/16"	1/4"	<b>6115-BP</b> 9 PC	<b>6115-PK</b>	<b>6115-C</b>	<b>6115-M</b>
3/16"	1/16"	5/16"	<b>6116-BP</b> 7 PC	<b>6116-PK</b>	<b>6116-C</b>	<b>6116-M</b>
1/4"	1/16"	3/8"	<b>6117-BP</b> 6 PC	<b>6117-PK</b>	<b>6117-C</b>	<b>6117-M</b>
5/16"	1/16"	7/16"	<b>6118-BP</b> 5 PC	<b>6118-PK</b>	<b>6118-C</b>	<b>6118-M</b>
3/8"	1/16"	1/2"	<b>6119-BP</b> 5 PC	<b>6119-PK</b>	<b>6119-C</b>	<b>6119-M</b>
25/64"	1/8"	21/32"	<b>6121-BP</b> 2 PC	<b>6121-PK</b>	<b>6121-C</b>	<b>6121-M</b>
1/2"	1/16"	5/8"	<b>6120-BP</b> 3 PC	<b>6120-PK</b>	<b>6120-C</b>	<b>6120-M</b>
1/2"	1/4"	13/16"	<b>6125-BP</b> 1 PC	<b>6125-PK</b>	<b>6125-C</b>	<b>6125-M</b>
5/8"	1/16"	7/8"	<b>6122-BP</b> 2 PC	<b>6122-PK</b>	<b>6122-C</b>	<b>6122-M</b>
11/16"	1/16"	1"	<b>6123-BP</b> 2 PC	<b>6123-PK</b>	<b>6123-C</b>	<b>6123-M</b>
3/4"	1/8"	1-1/16"	<b>6124-BP</b> 1 PC	<b>6124-PK</b>	<b>6124-C</b>	<b>6124-M</b>
1"	1/8"	1-3/8"	<b>6127-13</b> 1 PC	<b>6127-34</b>	<b>6127-36</b>	



### Light Duty Natural Nylon Cable Clamps

Mount Hole: 5.2 mm (.205")  
Thickness: 1.3 mm (.051")  
Width: 9.5 mm (.374")  
UL94-V2



Temperature Rating: 85°C (185°F)

Diameter	Closed	Mini Pack	100 PC	1000 PC
1/8"	.115"	<b>7118LN-BP</b> 18 PC	<b>7118LN-C</b>	<b>7118LN-39</b>
3/16"	.172"	<b>7119LN-BP</b> 15 PC	<b>7119LN-C</b>	<b>7119LN-M</b>
1/4"	.234"	<b>7120LN-BP</b> 14 PC	<b>7120LN-C</b>	<b>7120LN-M</b>
5/16"	.297"	<b>7121LN-BP</b> 14 PC	<b>7121LN-C</b>	<b>7121LN-39</b>
3/8"	.359"	<b>7122LN-BP</b> 14 PC	<b>7122LN-C</b>	<b>7122LN-M</b>
7/16"	.422"	<b>7123LN-BP</b> 14 PC	<b>7123LN-C</b>	<b>7123LN-M</b>
1/2"	.484"	<b>7124LN-BP</b> 14 PC	<b>7124LN-C</b>	<b>7124LN-M</b>



### Heavy Duty Black Nylon Cable Clamps

Mount Hole: 5.2 mm (.205")  
Thickness: 1.5 mm (.059")  
Width: 12.7 mm (.500")  
UL94-V2



Temperature Rating: 85°C (185°F)

Diameter	Closed	25 PC	100 PC	1000 PC
3/16"	.172"	<b>7119HN-34</b>	<b>7119HN-36</b>	<b>7119HN-39</b>
1/4"	.234"	<b>7120HN-34</b>	<b>7120HN-36</b>	<b>7120HN-39</b>
3/8"	.359"	<b>7122HN-34</b>	<b>7122HN-36</b>	<b>7122HN-39</b>
1/2"	.484"	<b>7124HN-34</b>	<b>7124HN-36</b>	<b>7124HN-39</b>



### Heavy Duty Natural Nylon Cable Clamps

Mount Hole: 5.2 mm (.205")  
Thickness: 1.5 mm (.059")  
Width: 12.7 mm (.500")  
UL94-V2



Temperature Rating: 85°C (185°F)

Diameter	Closed	25 PC	100 PC	1000 PC
1/8"	.115"	<b>7118HN-PK</b>	<b>7118HN-C</b>	<b>7118HN-39</b>
3/16"	.172"	<b>7119HN-PK</b>	<b>7119HN-C</b>	<b>7119HN-M</b>
1/4"	.234"	<b>7120HN-PK</b>	<b>7120HN-C</b>	<b>7120HN-M</b>
5/16"	.297"	<b>7121HN-PK</b>	<b>7121HN-C</b>	<b>7121HN-M</b>
3/8"	.359"	<b>7122HN-PK</b>	<b>7122HN-C</b>	<b>7122HN-M</b>
7/16"	.422"	<b>7123HN-PK</b>	<b>7123HN-C</b>	<b>7123HN-M</b>
1/2"	.484"	<b>7124HN-PK</b>	<b>7124HN-C</b>	<b>7124HN-M</b>
9/16"	.547"	<b>7125HN-PK</b>	<b>7125HN-C</b>	<b>7125HN-39</b>
5/8"	.609"	<b>7126HN-PK</b>	<b>7126HN-C</b>	<b>7126HN-M</b>
3/4"	.734"	<b>7128HN-PK</b>	<b>7128HN-C</b>	<b>7128HN-M</b>
7/8"	.859"	<b>7129HN-PK</b>	<b>7129HN-C</b>	<b>7129HN-M</b>
1"	.984"	<b>7130HN-PK</b>	<b>7130HN-C</b>	<b>7130HN-M</b>
1-1/8"	1.10"	<b>7131HN-PK</b>	<b>7131HN-C</b>	<b>7131HN-39</b>
1-3/16"	1.16"	<b>7132HN-PK</b>	<b>7132HN-C</b>	<b>7132HN-39</b>
1-1/4"	1.23"	<b>7133HN-PK</b>	<b>7133HN-C</b>	<b>7133HN-M</b>
1-1/2"	1.48"	<b>7135HN-PK</b>	<b>7135HN-C</b>	<b>7135HN-M</b>



## Rubber Insulated & Vinyl Dipped Clamps

Secures all types of wiring to the body or frame of all mobile equipment. Flexible neoprene cushion holds lines firmly while protecting them from shock, abrasion and vibration.



### Rubber Insulated Aluminum

Metal Width: 1/2"  
Mount Hole: 1/4"

I.D.	2 PC	Mini Pack	100 PC	1000 PC
1/4"	<b>7314-BP</b>	<b>7314-PK</b> 20 PC	<b>7314-C</b>	<b>7314-M</b>
3/8"	<b>7315-BP</b>	<b>7315-PK</b> 20 PC	<b>7315-C</b>	<b>7315-M</b>
1/2"	<b>7316-BP</b>	<b>7316-PK</b> 20 PC	<b>7316-C</b>	<b>7316-M</b>
5/8"	<b>7317-BP</b>	<b>7317-PK</b> 20 PC	<b>7317-C</b>	<b>7317-M</b>
3/4"	<b>7318-12</b>	<b>7318-PK</b> 20 PC	<b>7318-C</b>	<b>7318-M</b>
7/8"	<b>7319-12</b>	<b>7319-PK</b> 17 PC	<b>7319-C</b>	<b>7319-M</b>
1"	<b>7320-12</b>	<b>7320-PK</b> 13 PC	<b>7320-C</b>	<b>7320-M</b>
1-1/8"	<b>7321-12</b>	<b>7321-PK</b> 10 PC	<b>7321-C</b>	<b>7321-39</b>
1-1/4"	<b>7322-12</b>	<b>7322-PK</b> 10 PC	<b>7322-C</b>	<b>7322-M</b>
1-3/8"	<b>7323-12</b>	<b>7323-PK</b> 7 PC	<b>7323-C</b>	<b>7323-39</b>
1-1/2"		<b>7324-PK</b> 5 PC	<b>7324-C</b>	<b>7324-M</b>
1-5/8"		<b>7325-PK</b> 5 PC	<b>7325-C</b>	<b>7325-39</b>
1-3/4"		<b>7326-PK</b> 5 PC	<b>7326-C</b>	<b>7326-39</b>
2"		<b>7327-PK</b> 5 PC	<b>7327-C</b>	<b>7327-39</b>
2-1/2"		<b>7328-PK</b> 3 PC	<b>7328-C</b>	<b>7328-39</b>
3"		<b>7329-PK</b> 3 PC	<b>7329-C</b>	<b>7329-39</b>



### Rubber Insulated Zinc Plated Steel

Metal Width: 5/8"  
Mount Hole: 3/8"

I.D.	Mini Pack	100 PC	1000 PC
1/4"	<b>7514-PK</b> 20 PC	<b>7514-C</b>	<b>7514-39</b>
3/8"	<b>7515-PK</b> 20 PC	<b>7515-C</b>	<b>7515-39</b>
1/2"	<b>7516-PK</b> 20 PC	<b>7516-C</b>	<b>7516-39</b>
5/8"	<b>7517-PK</b> 20 PC	<b>7517-C</b>	<b>7517-39</b>
3/4"	<b>7518-PK</b> 20 PC	<b>7518-C</b>	<b>7518-39</b>
7/8"	<b>7519-PK</b> 17 PC	<b>7519-C</b>	<b>7519-39</b>
1"	<b>7520-PK</b> 13 PC	<b>7520-C</b>	<b>7520-39</b>
1-1/4"	<b>7522-PK</b> 10 PC	<b>7522-C</b>	<b>7522-39</b>
1-1/2"	<b>7524-PK</b> 5 PC	<b>7524-C</b>	<b>7524-39</b>
1-3/4"	<b>7526-PK</b> 5 PC	<b>7526-C</b>	<b>7526-39</b>
2"	<b>7527-PK</b> 5 PC	<b>7527-C</b>	<b>7527-39</b>
2-1/2"	<b>7528-PK</b> 3 PC	<b>7528-C</b>	<b>7528-39</b>



### Rubber Insulated Stainless Steel

Metal Width: 1/2"  
Mount Hole: 1/4"

I.D.	Mini Pack	100 PC
1/4"	<b>7414-34</b> 20 PC	<b>7414-36</b>
3/8"	<b>7415-34</b> 20 PC	<b>7415-36</b>
1/2"	<b>7416-34</b> 20 PC	<b>7416-36</b>
3/4"	<b>7418-34</b> 20 PC	<b>7418-36</b>
1"	<b>7420-34</b> 13 PC	<b>7420-36</b>



### Vinyl Dipped Zinc Plated Steel

Metal Width: 1/2"  
Mount Hole: 1/4"

I.D.	Mini Pack	100 PC
1/4"	<b>7614-34</b> 20 PC	<b>7614-36</b>
3/8"	<b>7615-34</b> 20 PC	<b>7615-36</b>
1/2"	<b>7616-34</b> 20 PC	<b>7616-36</b>
3/4"	<b>7618-34</b> 20 PC	<b>7618-36</b>
1"	<b>7620-34</b> 13 PC	<b>7620-36</b>
1-1/4"	<b>7622-34</b> 10 PC	<b>7622-36</b>
1-1/2"	<b>7624-34</b> 5 PC	<b>7624-36</b>
2"	<b>7627-34</b> 5 PC	<b>7627-36</b>

## Assortment Packs



### Vinyl Grommets

1/8" - 1/2" Inside Diameter



Qty	Pico No.
15 Pcs	<b>6114-91</b>



### Light & Heavy Duty Nylon Cable Clamps

Mount Hole: 5.2 mm (.205")  
UL94-V2  
Temperature Rating: 85°C (185°F)  
1/8" - 1" Inside Diameter



Qty	Pico No.
17 Pcs	<b>7117-91</b>



## Single Wall 2:1 Heat Shrink Tubing

Flame retardant multi-purpose heat shrink tubing.



### Single Wall 2:1

Continuous Operating Temperature: -55°C to 135°C

Shrink Temperature: 110°C

Meets SAE-AMS-DTL -23053/5 Class 1 and 3



### Shrink Tube Dimensions

I.D.	I.D. (mm)	I.D. as supplied (mm)	Max I.D. After Recovery (mm)	Wall Thickness After Recovery (mm)
3/64"	0.8	1.2	0.6	0.41 ± 0.08
1/16"	1.0	1.6	0.8	0.43 ± 0.08
3/32"	2.0	2.4	1.2	0.51 ± 0.08
1/8"	3.0	3.2	1.6	0.51 ± 0.08
3/16"	4.5	4.8	2.4	0.51 ± 0.08
1/4"	6.0	6.4	3.2	0.64 ± 0.08
3/8"	9.0	9.5	4.8	0.64 ± 0.08
1/2"	12	12.7	6.4	0.64 ± 0.08
3/4"	18	19.1	9.5	0.76 ± 0.08
1"	25	25.4	12.7	0.89 ± 0.12
1-1/2"	40	38.1	19.1	1.02 ± 0.12
2"	50	50.8	25.4	1.14 ± 0.12
3"	80	76.2	38.1	1.27 ± 0.12
4"	100	101.6	50.8	1.40 ± 0.20

### 4' Individual

I.D.	Black	Blue	Green	Red	White	Yellow	Clear
3/64"	8316-E			8316-5-E	8316-6-E		8316C-E
1/16"	8317-E	8317-1-E	8317-3-E	8317-5-E	8317-6-E	8317-7-E	8317C-E
3/32"	8318-E	8318-1-E	8318-3-E	8318-5-E	8318-6-E	8318-7-E	8318C-E
1/8"	8319-E	8319-1-E	8319-3-E	8319-5-E	8319-6-E	8319-7-E	8319C-E
3/16"	8320-E	8320-1-E	8320-3-E	8320-5-E	8320-6-E	8320-7-E	8320C-E
1/4"	8321-E	8321-1-E	8321-3-E	8321-5-E	8321-6-E	8321-7-E	8321C-E
3/8"	8322-E	8322-1-E	8322-3-E	8322-5-E	8322-6-E	8322-7-E	8322C-E
1/2"	8323-E	8323-1-E	8323-3-E	8323-5-E	8323-6-E	8323-7-E	8323C-E
3/4"	8324-E	8324-1-E	8324-3-E	8324-5-E	8324-6-E	8324-7-E	8324C-E
1"	8325-E	8325-1-E	8325-3-E	8325-5-E	8325-6-E	8325-7-E	8325C-E
1-1/2"	8326-41			8326-5-41	8326-6-41	8326-7-41	8326C-41
2"	8327-41			8327-5-41			8327C-41
3"	8328-41			8328-5-41			
4"	8315-41						8315C-41

### 4' Bulk Packs 25 x 4' (100' Total)

I.D.	Black	Blue	Green	Red	White	Yellow	Clear
3/64"	8316-C			8316-5-C	8316-6-C		8316C-C
1/16"	8317-C	8317-1-C	8317-3-C	8317-5-C	8317-6-C	8317-7-C	8317C-C
3/32"	8318-C	8318-1-C	8318-3-C	8318-5-C	8318-6-C	8318-7-C	8318C-C
1/8"	8319-C	8319-1-C	8319-3-C	8319-5-C	8319-6-C	8319-7-C	8319C-C
3/16"	8320-C	8320-1-C	8320-3-C	8320-5-C	8320-6-C	8320-7-C	8320C-C
1/4"	8321-C	8321-1-C	8321-3-C	8321-5-C	8321-6-C	8321-7-C	8321C-C
3/8"	8322-C	8322-1-C	8322-3-C	8322-5-C	8322-6-C	8322-7-C	8322C-C
1/2"	8323-C	8323-1-C	8323-3-C	8323-5-C	8323-6-C	8323-7-C	8323C-C
3/4"	8324-C	8324-1-C	8324-3-C	8324-5-C	8324-6-C	8324-7-C	8324C-C
1"	8325-C	8325-1-C	8325-3-C	8325-5-C	8325-6-C	8325-7-C	8325C-C

### Small Packs

I.D.	Black 2" Mini Packs	Black 25 x 2" Packs	Red 25 x 2" Packs	Black 6 x 6" Packs
1/16"		8317-15	8317-5-15	
1/8"	8319-13 10 PC	8319-BP	8319-5-15	8319-43
3/16"	8320-13 8 PC	8320-BP	8320-5-15	8320-43
1/4"	8321-13 7 PC	8321-BP	8321-5-15	8321-43
3/8"	8322-13 6 PC	8322-BP	8322-5-15	8322-43
1/2"		8323-BP	8323-5-15	8323-43
3/4"		8324-BP	8324-5-15	8324-43
1"				8325-43



For more information visit our website





## Single Wall 2:1

Continuous Operating Temperature: -55°C to 135°C  
 Shrink Temperature: 110°C  
 Meets SAE-AMS-DTL -23053/5 Class 1 and 3



				Mini Spools	
I.D.	Length	Black	Red	Yellow	
1/16"	25'	<b>8317-23</b>			
3/32"	25'	<b>8318-23</b>			
1/8"	25'	<b>8319-23</b>	<b>8319-5-23</b>		
3/16"	25'	<b>8320-23</b>	<b>8320-5-23</b>		
1/4"	15'	<b>8321-23</b>	<b>8321-5-23</b>	<b>8321-7-23</b>	
3/8"	10'	<b>8322-23</b>	<b>8322-5-23</b>		
1/2"	10'	<b>8323-23</b>	<b>8323-5-23</b>		
3/4"	10'	<b>8324-23</b>			

				100' Spools	
I.D.	Length	Black	Red	White	
1/16"	100'	<b>8317-26</b>			
3/32"	100'	<b>8318-26</b>			
1/8"	100'	<b>8319-26</b>			
3/16"	100'	<b>8320-26</b>	<b>8320-5-26</b>		
1/4"	100'	<b>8321-26</b>	<b>8321-5-26</b>	<b>8321-6-26</b>	

								Master Spools	
I.D.	Length	Black	Blue	Green	Red	White	Yellow	Clear	
1/16"	656'	<b>8317-27</b>							
3/32"	656'	<b>8318-27</b>				<b>8318-6-27</b>		<b>8318C-27</b>	
1/8"	656'	<b>8319-27</b>		<b>8319-3-27</b>	<b>8319-5-27</b>	<b>8319-6-27</b>	<b>8319-7-27</b>	<b>8319C-27</b>	
3/16"	328'	<b>8320-27</b>	<b>8320-1-27</b>	<b>8320-3-27</b>	<b>8320-5-27</b>	<b>8320-6-27</b>	<b>8320-7-27</b>	<b>8320C-27</b>	
1/4"	328'	<b>8321-27</b>	<b>8321-1-27</b>	<b>8321-3-27</b>	<b>8321-5-27</b>	<b>8321-6-27</b>	<b>8321-7-27</b>	<b>8321C-27</b>	
3/8"	328'	<b>8322-27</b>	<b>8322-1-27</b>	<b>8322-3-27</b>	<b>8322-5-27</b>	<b>8322-6-27</b>	<b>8322-7-27</b>	<b>8322C-27</b>	
1/2"	164'	<b>8323-27</b>	<b>8323-1-27</b>	<b>8323-3-27</b>	<b>8323-5-27</b>	<b>8323-6-27</b>	<b>8323-7-27</b>	<b>8323C-27</b>	
3/4"	164'	<b>8324-27</b>			<b>8324-5-27</b>	<b>8324-6-27</b>	<b>8424-7-27</b>	<b>8324C-27</b>	
1"	164'	<b>8325-27</b>					<b>8325-7-27</b>	<b>8325C-27</b>	

			6" Assortment Packs	
Part No.	Qty	Contents		
<b>8239-K</b>	6 x 6"	3/16" x 2 Red, 1/4" x 2 Blue, 3/8" x 2 Yellow		
<b>8240-K</b>	6 x 6"	3/16" x 2 Black, 2 Red, 1 Blue, 1 Yellow		
<b>8241-K</b>	6 x 6"	1/4" x 2 Black, 2 Red, 1 Blue, 1 Yellow		
<b>8242-K</b>	6 x 6"	1/8" x 1 Black, 1 Red, 3/16" x 1 Black, 1 Red, 1/4" x 1 Black, 1 Red		
<b>8243-K</b>	6 x 6"	3/8" x 1 Black, 1 Red, 1/2" x 1 Black, 1 Red, 3/4" x 1 Black, 1 Red		
<b>8350-91</b>	12 x 6"	1/8" x 2 White, 3/16" x 2 Yellow, 1/4" x 2 Black, 3/8" x 2 Blue, 1/2" x 2 Green, 3/4" x 2 Black		
<b>8352-91</b>	6 x 6"	3/16" x 1 Black, 1 Red, 1/4" x 1 Black, 1 Red, 3/8" x 1 Black, 1 Red		



**55-91**  
 2:1 Multi-Colour Single Wall Shrink Tube  
 Qty: 4" x 156 PCS



**56-91**  
 2:1 Black Single Wall Shrink Tube  
 Qty: 4" x 156 PCS



**57-91**  
 2:1 Black Single Wall Shrink Tube  
 Qty: 4" x 69 PCS



**30604-91**  
 2:1 Black Single Wall Shrink Tube  
 Qty: 6" x 75 PCS



**30608-91**  
 2:1 Multi-Colour Single Wall Shrink Tube  
 Qty: 6" x 60 PCS



**8345-91**  
 Shrink Tube Display  
 26 PCS 2:1 SW  
 32 PCS 3:1 DW  
 Total Qty: 4" x 58 PCS



## Adhesive Lined Dual Wall 3:1 Heat Shrink Tube

Flexible, thick adhesive lined dual wall heat shrinkable tubing is manufactured by co-extrusion of polyolefin and hot-melt adhesive. Designed to provide both insulation and sealing.



### Adhesive Lined Dual Wall 3:1

Operating Temperature: -45°C to 125°C

Shrink Temperature: Starts at 70°C, Completely Shrank at 125°C

#### Shrink Tube Dimensions

I.D.	I.D. (mm)	I.D. as supplied (mm)	I.D. After Recovery (mm)	Wall Thickness After Recovery (mm)	Adhesive Thickness After Recovery (mm)
1/8"	3.2	3.2	1.0	0.95 ± 0.15	0.45 ± 0.10
3/16"	4.8	4.8	1.6	1.20 ± 0.15	0.60 ± 0.10
1/4"	6.4	6.4	2.2	1.35 ± 0.15	0.70 ± 0.10
3/8"	9.5	9.5	3.2	1.65 ± 0.15	0.85 ± 0.10
1/2"	12.7	12.7	4.2	1.80 ± 0.20	0.90 ± 0.10
3/4"	19.1	19.1	6.3	2.00 ± 0.20	1.00 ± 0.10
1"	25.4	25.4	8.5	2.10 ± 0.20	1.05 ± 0.10
1-1/4"	30.0	30.0	10.2	2.20 ± 0.20	1.05 ± 0.10
1-1/2"	38.1	38.1	13.5	2.40 ± 0.20	1.15 ± 0.10
2"	50.0	50.8	17.0	2.75 ± 0.40	1.05 ± 0.20

#### 4' Individual

I.D.	Black	Red	Clear
1/8"	8329-E	8329-5-E	8329C-E
3/16"	8330-E	8330-5-E	8330C-E
1/4"	8331-E	8331-5-E	8331C-E
3/8"	8332-E	8332-5-E	8332C-E
1/2"	8333-E	8333-5-E	8333C-E
3/4"	8334-E	8334-5-E	8334C-E
1"	8335-E	8335-5-E	8335C-E
1-1/4"	8336-41		
1-1/2"	8337-41	8337-5-41	
2"	8338-41		

#### 4' Bulk Packs 25 x 4' (100' Total)

I.D.	Black	Red	Clear
1/8"	8329-C	8329-5-C	8329C-C
3/16"	8330-C	8330-5-C	8330C-C
1/4"	8331-C	8331-5-C	8331C-C
3/8"	8332-C	8332-5-C	8332C-C
1/2"	8333-C	8333-5-C	8333C-C
3/4"	8334-C	8334-5-C	8334C-C
1"	8335-C	8335-5-C	8335C-C

#### 2" Packs

I.D.	Black 4 x 2"	Red 4 x 2"	Black 25 x 2"	Red 25 x 2"
1/8"	8329-13	8329-5-13	8329-15	8329-5-15
3/16"	8330-13	8330-5-13	8330-15	8330-5-15
1/4"	8331-13	8331-5-13	8331-15	8331-5-15
3/8"	8332-13	8332-5-13	8332-15	8332-5-15
1/2"	8333-13	8333-5-13	8333-15	8333-5-15
3/4"			8334-15	8334-5-15
1"			8335-15	8335-5-15

#### 6 x 6" Packs

I.D.	Black	Red	Clear
1/8"	8329-A	8329-5-43	8329C-43
3/16"	8330-A	8330-5-43	8330C-43
1/4"	8331-A	8331-5-43	8331C-43
3/8"	8332-A	8332-5-43	8332C-43
1/2"	8333-A	8333-5-43	8333C-43
3/4"	8334-43	8334-5-43	8334C-43
1"	8335-43	8335-5-43	8335C-43

#### Master Spools

I.D.	Length	Black
1/8"	656' (200M)	8329-27
3/16"	328' (100M)	8330-27
1/4"	328' (100M)	8331-27
3/8"	164' (50M)	8332-27
1/2"	82' (25M)	8333-27
3/4"	82' (25M)	8334-27

#### 6" Assortments

Part No.	Qty	Contents
8250-K	6 x 6"	3/16" 1 Black, 1 Red 1/4" 1 Black, 1 Red 3/8" 1 Black, 1 Red
8251-K	6 x 6"	1/2" 1 Black, 1 Red 3/4" 1 Black, 1 Red 1" 1 Black, 1 Red



### 67-91

3:1 Black Dual Wall Shrink Tube  
Qty: 4" x 37 PCS



### 30602-91

3:1 Black Dual Wall Shrink Tube  
Qty: 6" x 30 PCS



### 30603-91

3:1 Black & Red Dual Wall Shrink Tube  
Qty: 6" x 30 PCS



## Adhesive Lined Dual Wall HD 3:1 Heat Shrink Tube

Heavy wall polyolefin tubing with a dual purpose melt-able thermoplastic liner. High expansion ratios enable a minimum number of sizes to cover a broad range of cable & connector sizes. Tubing provides maximum protection for insulating & sealing electrical connections & terminations. Can be used in most adverse conditions such as direct burial, URD & submersible installations. Tough outer jacket protects against abrasion, vibration & flexing. May be used over lead, steel, aluminum, copper, standard plastic & all elastomeric insulation's of power cables, battery cables & over all repair splices.



### Adhesive Lined Dual Wall Heavy Duty 3:1

Military Spec.: MIL-DTL-23053/5  
Temperature Rating: 90°C

Wire Range	I.D. Expanded	I.D. Recovered	Thickness Recovered	12" PC Black	12" PC Red
12-6 AWG	0.400" (10.2 mm)	0.150" (3.8 mm)	0.080" (2.03 mm)	<b>5340-0-E</b>	<b>5340-5-E</b>
6-1 AWG	0.750" (19.1 mm)	0.240" (6.1 mm)	0.090" (2.29 mm)	<b>5341-0-E</b>	<b>5341-5-E</b>
4-3/0 AWG	1.100" (27.9 mm)	0.350" (8.9 mm)	0.120" (3.05 mm)	<b>5342-0-E</b>	<b>5342-5-E</b>

## Adhesive Lined Dual Wall 4:1 Heat Shrink Tube



### Adhesive Lined Dual Wall 4:1

Flame Retardant Outer Jacket  
Continuous Operating Temperature: -45°C to 125°C  
Shrink Temperature: 120°C

I.D.	I.D.	I.D. After Recovery	Wall Thickness After Recovery	Adhesive Thickness After Recovery	Black 6 x 6"	Black 4' Length
3/16"	4.0 mm	1.0 mm	1.1 ± 0.15 mm	0.4 ± 0.15 mm	<b>8370-43</b>	<b>8370-41</b>
1/4"	6.0 mm	1.5 mm	1.5 ± 0.15 mm	0.5 ± 0.15 mm	<b>8371-43</b>	<b>8371-41</b>
3/8"	8.0 mm	2.0 mm	1.7 ± 0.15 mm	0.5 ± 0.15 mm	<b>8372-43</b>	<b>8372-41</b>
3/4"	20.0 mm	5.0 mm	2.6 ± 0.25 mm	0.6 ± 0.15 mm	<b>8374-43</b>	<b>8374-41</b>
1-1/4"	32.0 mm	8.0 mm	3.0 ± 0.30 mm	0.7 ± 0.15 mm	<b>8376-43</b>	<b>8376-41</b>

## Adhesive Lined Cross-Linked Polyolefin Dual Wall 4:1 Heat Shrink Tube

Extra heavy adhesive lining with maximum flow. Seals and protects against water, moisture and chemical ingress. Adhesive bonds rapidly to PVC, XLPE, and PP-EPDM cable. Jacket shrinks rapidly for quick installation. Approved to all major automotive OEM splice sealing specifications.



### Magmaflo Shrink Tube

Shrink Temperature: 125°C  
Temperature Rating: -40°C to 125°C

I.D. Expanded	I.D. Recovered	Thickness Recovered	6" Pack	4' Individual	4' Bulk Pack 25 x 4' (100')
#1 6 mm (0.236")	1.4 mm (0.055")	1.35 mm (0.053")	<b>8361-43</b> 14 PC	<b>8361-41</b>	<b>8361-46</b>
#2 8 mm (0.315")	1.6 mm (0.063")	1.75 mm (0.069")	<b>8362-43</b> 12 PC	<b>8362-41</b>	<b>8362-46</b>
#3 12 mm (0.472")	2.5 mm (0.098")	2.00 mm (0.079")	<b>8363-43</b> 10 PC	<b>8363-41</b>	<b>8363-46</b>
#4 18 mm (0.708")	3.7 mm (0.146")	2.60 mm (0.102")	<b>8364-43</b> 5 PC	<b>8364-41</b>	<b>8364-46</b>

## Diesel Resistant Adhesive Lined Polyolefin Dual Wall 4:1 Heat Shrink Tube

Semi rigid tubing with heavy, high flow adhesive lining. Both the tubing and adhesive lining are resistant to diesel fuel and other common automotive fluids & solvents.



### Magmaflo Diesel Resistant Shrink Tube NEW!

Shrink Temperature: 125°C  
Temperature Rating: -40°C to 130°C

I.D. Expanded	I.D. Recovered	Thickness Recovered	6 x 6" Pack	4' Individual
#1 6.60 mm (0.260")	1.27 mm (0.050")	1.40 mm (0.055")	<b>8381-43</b>	<b>8381-41</b>
#2 8.64 mm (0.340")	1.52 mm (0.060")	1.68 mm (0.066")	<b>8382-43</b>	<b>8382-41</b>
#3 11.68 mm (0.460")	2.03 mm (0.080")	2.11 mm (0.083")	<b>8383-43</b>	<b>8383-41</b>
#4 19.30 mm (0.760")	3.81 mm (0.150")	2.64 mm (0.104")	<b>8384-43</b>	<b>8484-41</b>




## Convuluted Split Loom

Flexible polyethylene tubing holds groups of wires in position and gives the wire excellent protection again abrasion and crushing. Slit for easy insertion of wire, yet the slit still remains basically closed when the tubing is bent or twisted. Rated -40°C to 93°C




**Black**

 I.D.	50' Spool	100' Spool	Box
1/4"	5140-B	5140-C	5140-45 3200'
3/8"	5141-B	5141-C	5141-45 1900'
1/2"	5142-B	5142-C	5142-45 1100'
5/8"	5139-B	5139-C	5139-45 800'
3/4"	5143-B	5143-C	5143-45 550'
7/8"	5145-B	5145-C	5145-45 400'
1"	5144-B	5144-C	5144-45 300'
1-1/4"	5146-B	5146-C	5146-45 250'
1-1/2"	5147-B		5147-45 150'
2"	5148-B		5148-45 100'




**Red**

 I.D.	Small Pack	50' Spool	100' Spool
1/4"	5140-5-PK 10'	5140-5-B	5140-5-C
3/8"	5141-5-PK 10'	5141-5-B	5141-5-C
1/2"	5142-5-PK 7'	5142-5-B	5142-5-C
3/4"	5143-5-44 5'	5143-5-25	5143-5-26





**White**

 I.D.	Small Pack	50' Spool	100' Spool
1/4"	5140-6-PK 10'	5140-6-B	5140-6-C
3/8"	5141-6-PK 10'	5141-6-B	5141-6-C
1/2"	5142-6-PK 7'	5142-6-B	5142-6-C
3/4"	5143-6-44 5'	5143-6-25	5143-6-26




**Black Bagged Loom**

 I.D.	Small Pack	50' Bag 
1/4"	5140-PK 10'	5140-34
3/8"	5141-PK 10'	5141-34
1/2"	5142-PK 7'	5142-34
5/8"	5139-PK 10'	5139-34
3/4"	5143-PK 5'	5143-34
7/8"	5145-PK 5'	
1"	5144-PK 5'	5144-34
1-1/4"	5146-PK 5'	
1-1/2"	5147-PK 5'	
2"	5148-PK 5'	




**Yellow**

 I.D.	Small Pack	50' Spool	100' Spool
1/4"	5140-7-PK 10'	5140-7-B	5140-7-C
3/8"	5141-7-PK 10'	5141-7-B	5141-7-C
1/2"	5142-7-PK 7'	5142-7-B	5142-7-C
3/4"	5143-7-44 5'	5143-7-25	5143-7-26




**Blue**

 I.D.	Small Pack	50' Spool	100' Spool
1/4"	5140-1-PK 10'	5140-1-B	5140-1-C
3/8"	5141-1-PK 10'	5141-1-B	5141-1-C
1/2"	5142-1-PK 7'	5142-1-B	5142-1-C
3/4"	5143-1-44 5'	5143-1-25	5143-1-26




**Purple**

 I.D.	Small Pack	50' Spool	100' Spool
1/4"	5140-9-PK 10'	5140-9-B	5140-9-C
3/8"	5141-9-PK 10'	5141-9-B	5141-9-C
1/2"	5142-9-PK 7'	5142-9-B	5142-9-C
3/4"	5143-9-44 5'	5143-9-25	5143-9-26




**Green**

 I.D.	Small Pack	50' Spool	100' Spool
1/4"	5140-3-PK 10'	5140-3-B	5140-3-C
3/8"	5141-3-PK 10'	5141-3-B	5141-3-C
1/2"	5142-3-PK 7'	5142-3-B	5142-3-C
3/4"	5143-3-44 5'	5143-3-25	5143-3-26



**Loom Kits**

Each kit contains 10 feet of 1/4", 3/8", 1/2" and 3/4"

 Colour	1 Pack
Black	5180-91
Blue	5180-1-91
Green	5180-3-91
Red	5180-5-91
White	5180-6-91
Yellow	5180-7-91
Purple	5180-9-91



## Specialty Convoluted Split Loom



### Flame Retardant Polypropylene V2

UL94-V2  
Rated -40°C to 135°C



I.D.	100' Spool	Box
1/4"	<b>5150-26</b>	<b>5150-45</b> 3200'
3/8"	<b>5151-26</b>	<b>5151-45</b> 1800'
1/2"	<b>5152-26</b>	<b>5152-45</b> 1100'
3/4"	<b>5153-26</b>	<b>5153-45</b> 500'
1"		<b>5154-45</b> 300'



### High Temperature Nylon

Nylon 6 co-polymer  
Rated -40°C to 149°C (300°F)



Diameter	100' Spool	Box
1/4"	<b>5160-26</b>	<b>5160-45</b> 3200'
3/8"	<b>5161-26</b>	<b>5161-45</b> 1900'
1/2"	<b>5162-26</b>	<b>5162-45</b> 1100'
5/8"	<b>5159-26</b>	<b>5159-45</b> 800'
3/4"	<b>5163-26</b>	<b>5163-45</b> 550'
1"	<b>5164-26</b>	<b>5164-45</b> 300'
	<b>10' Kit</b>	
1/4", 3/8", 1/2", 3/4"	<b>5185-91</b>	

## Loom Accessories & Tools



### Tee Fittings

Fittings are measured by convoluted tubing diameter.



Left	Center	Right	2 PC	10 PC
3/8"	3/8"	3/8"	<b>5130-12</b>	<b>5130-34</b>
1/2"	1/2"	1/2"	<b>5131-12</b>	<b>5131-34</b>
3/4"	3/8"	3/4"	<b>5132-12</b>	<b>5132-34</b>
3/4"	1/2"	3/4"	<b>5135-12</b>	<b>5135-34</b>



### Wire Insertion Tools for Split Loom



Description	1 PC
1/4" to 7/16"	<b>806-31</b>
1/2" to 5/8"	<b>807-31</b>
3/4" to 7/8"	<b>808-31</b>
1" to 1-1/4"	<b>809-31</b>
Kit (1 Each of Size)	<b>810-91</b>

## Spiral Wrap

Insulates and protects wire assemblies. Strong grip due to torsion cut and memory of plastic. Useful on long continuous runs where many leads are required. Permits wire and hose break-outs in any orientation. Easily removed and re-applied. Retains its strength under repeated flexing & binding. Ends can be secured with tie wraps.

Rated -68°C to 100°C



### Black



I.D.	Bundle Range	Thickness	Small Pack	100'
1/8"	1/16" to 1/4"	.032	<b>5118-0-44</b> 10'	<b>5118-0-C</b>
1/4"	3/16" to 2"	.035	<b>5120-0-44</b> 10'	<b>5120-0-C</b>
3/8"	5/16" to 3"	.052	<b>5121-0-44</b> 10'	<b>5121-0-C</b>
1/2"	3/8" to 4"	.052	<b>5122-0-44</b> 10'	<b>5122-0-C</b>
3/4"	3/4" to 5"	.065	<b>5123-0-44</b> 5'	<b>5123-0-C</b>
1"	1" to 7"	.095	<b>5124-0-44</b> 5'	<b>5124-0-C</b>



### Natural



I.D.	Bundle Range	Thickness	Small Pack	100'
1/8"	1/16" to 1/4"	.032	<b>5118-PK</b> 10'	<b>5118-C</b>
1/4"	3/16" to 2"	.035	<b>5120-PK</b> 10'	<b>5120-C</b>
3/8"	5/16" to 3"	.052	<b>5121-PK</b> 10'	<b>5121-C</b>
1/2"	3/8" to 4"	.052	<b>5122-PK</b> 10'	<b>5122-C</b>
3/4"	3/4" to 5"	.065	<b>5123-PK</b> 5'	<b>5123-C</b>
1"	1" to 7"	.095	<b>5124-PK</b> 5'	<b>5124-C</b>



## Expandable Braided Loom

A versatile bundling & protection solution for your wires, cables and hoses with style. Used in electronics, marine & industrial wire harnessing applications where cost efficiency & durability are critical. Easy to install, light weight, flexible and UV resistant. Cuts easily with a hot knife. Chemically & organically inert. Conforms to FMVSS 302. Rated -75°C to 125°C. Melt Point: 230°C



**Black**



Minimum	Nominal	Maximum	100' Spool
1/8"	1/4"	7/16"	<b>8404-0-26</b>
3/16"	3/8"	5/8"	<b>8405-0-26</b>
1/4"	1/2"	3/4"	<b>8406-0-26</b>
1/2"	3/4"	1-1/4"	<b>8407-0-26</b>



**Natural**



Minimum	Nominal	Maximum	100' Spool
1/8"	1/4"	7/16"	<b>8404-26</b>
3/16"	3/8"	5/8"	<b>8405-26</b>
1/4"	1/2"	3/4"	<b>8406-26</b>
1/2"	3/4"	1-1/4"	<b>8407-26</b>



**Blue**



Minimum	Nominal	Maximum	100' Spool
1/8"	1/4"	7/16"	<b>8404-1-26</b>
3/16"	3/8"	5/8"	<b>8405-1-26</b>
1/4"	1/2"	3/4"	<b>8406-1-26</b>
1/2"	3/4"	1-1/4"	<b>8407-1-26</b>



**Red**



Minimum	Nominal	Maximum	100' Spool
1/8"	1/4"	7/16"	<b>8404-5-26</b>
3/16"	3/8"	5/8"	<b>8405-5-26</b>
1/4"	1/2"	3/4"	<b>8406-5-26</b>
1/2"	3/4"	1-1/4"	<b>8407-5-26</b>

## Wrap-able Split Braided Tubing

A unique split, semi-rigid braided construction makes it the ideal solution for situations where ease of installation is of primary importance. The lateral split allows the tube to open up to accommodate a wide variety of bundling requirements. The semi-rigid braid configuration simply closes around the entire installation without the need for any additional fasteners (velcro, tape, etc.). The 10mil braid is lightweight, quiet and flexible. 25% edge overlap (at nominal diameter) allows coverage around inline plugs, connectors and splices. It will bend to a tight radius without distorting or splitting open and unlike full rigid tubing, will not impair or affect the flexibility of harnesses. Cut & abrasion resistant. Cuts easily with a hot knife. Chemically inert and halogen free. Rated -75°C to 125°C



**Black**



Nominal Diameter	Small Pack	100'
1/8"	<b>8423-0-44</b> 10'	<b>8423-0-26</b>
1/4"	<b>8424-0-44</b> 10'	<b>8424-0-26</b>
1/2"	<b>8426-0-44</b> 10'	<b>8426-0-26</b>
3/4"	<b>8427-0-44</b> 5'	<b>8427-0-26</b>



## ANL High Amp Fuses



**ANL High Amp Fuses** **NEW!**  
 Medium time lag. Gold plated copper alloy.  
 Complies with DIN 43560/1  
 80V DC or less

Amp	Material	1 PC
100 A	Bakelite	<b>9811-11</b>
150 A	Bakelite	<b>9812-11</b>
200 A	Bakelite	<b>9813-11</b>
250 A	Bakelite	<b>9814-11</b>
300 A	Bakelite	<b>9815-11</b>
400 A	Ceramic	<b>9817-11</b>
500 A	Ceramic	<b>9819-11</b>



**ANL High Amp Fuse Holder** **NEW!**  
 All metal has 24 Kt. gold finish  
 200 Amp Max.

Part No.	Qty
<b>9800-31</b>	1



**ANL High Amp Fuse Holder** **NEW!**  
 Nylon w/ Glass Fiber / PC  
 200 Amp Max.

Part No.	Qty
<b>9801-31</b>	1



**ANL High Amp Fuse Holder** **NEW!**  
 Bakelite  
 500 Amp Max.

Part No.	Qty
<b>9802-31</b>	1

## ANM / AMG High Amp Fuses



**ANM / AMG High Amp Fuse Holder**  
 Has full access for ease of wiring.  
 250 Amp Max.

Part No.	Qty
<b>9711-31</b>	1



**ANM / AMG High Amp Fuses**  
 Slow blow, bolt on fuses. Used for high current applications on selected late model vehicles. Meets ISO 8820-5. 32V DC

Amp	1 PC
80 A	<b>9700-11</b>
100 A	<b>9701-11</b>
125 A	<b>9702-11</b>
150 A	<b>9703-11</b>
175 A	<b>9704-11</b>
200 A	<b>9705-11</b>
225 A	<b>9706-11</b>
250 A	<b>9707-11</b>

## ANS / AMI High Amp Fuses



**ANS / AMI High Amp Fuse Holder**  
 Capable of functioning individually or in multiple sets.  
 80 Amp Max.

Part No.	Qty
<b>9710-31</b>	1



**ANS / AMI High Amp Fuses**  
 Slow blow, bolt on fuses. Used in power distribution protection for automotive systems on selected late model vehicles. Meets ISO 8820-5. 32V DC

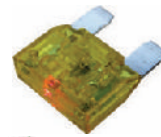
Amp	1 PC
50 A	<b>9720-11</b>
80 A	<b>9721-11</b>
100 A	<b>9722-11</b>
125 A	<b>9723-11</b>

## A.T. Blade - MAX

Primarily used for under hood applications and are produced with high temperature polymer and silver plated blades. They replace the commonly used fusible wire or fusible link to protect a high current segment or system of the wiring harness. Industry standard colour coding indicates amp rating.



Amp	Colour	1 PC	2 PC	10 PC
20 A	Yellow	<b>220-11</b>	<b>220-12</b>	<b>220-34</b>
30 A	Green	<b>230-11</b>	<b>230-12</b>	<b>230-34</b>
40 A	Orange	<b>240-11</b>	<b>240-12</b>	<b>240-34</b>
50 A	Red	<b>250-11</b>	<b>250-12</b>	<b>250-34</b>
60 A	Blue	<b>260-11</b>	<b>260-12</b>	<b>260-34</b>
70 A	Brown	<b>270-11</b>	<b>270-12</b>	<b>270-34</b>
80 A	Natural	<b>280-11</b>	<b>280-12</b>	<b>280-34</b>



### Fuses with LED Indicator

When the fuse blows, the LED glows. Operates at very low temperatures and draws very low current. Ideal for sensitive electronics in automotive, DC motors, audio equipment and industrial machinery. 32V



Amp	Colour	1 PC	2 PC
20 A	Yellow	<b>9990-11</b>	<b>9990-12</b>
30 A	Green	<b>9991-11</b>	<b>9991-12</b>
40 A	Orange	<b>9992-11</b>	<b>9992-12</b>
50 A	Red	<b>9993-11</b>	<b>9993-12</b>
60 A	Blue	<b>9994-11</b>	<b>9994-12</b>
70 A	Brown	<b>9995-11</b>	<b>9995-12</b>
80 A	Natural	<b>9996-11</b>	<b>9996-12</b>
100 A	Purple	<b>9997-11</b>	<b>9997-12</b>



### In-Line Fuse Holder with Cap 8 AWG 60A



Description	1 PC	10 PC
8 AWG 60 Amp	<b>206-31</b>	<b>206-34</b>



### 60A Fuse Block **NEW!**

Use with fuses up to 60 amps. Safe and easy replacement for hard to replace fusible link wire. Perfect for high amp audio applications. Interlocking block feature permits two pole position installation. Contains screw terminals.

1 PC

**208-11**

## A.T. Blade - MIN Low Profile

Similar characteristics as the A.T. Blade Min fuses. Designed to mate with tuning fork terminals, eliminating the need for female box terminals.



Amp	Colour	5 PC
2 A	Light Grey	<b>9939-14</b>
3 A	Violet	<b>9941-14</b>
4 A	Pink	<b>9942-14</b>
5 A	Tan	<b>9943-14</b>
7.5 A	Brown	<b>9944-14</b>
10 A	Red	<b>9945-14</b>
15 A	Blue	<b>9946-14</b>
20 A	Yellow	<b>9947-14</b>
25 A	Clear	<b>9948-14</b>
30 A	Green	<b>9949-14</b>



### Add-A-Circuit Fuse Holder **NEW!**

Allows an addition of a new circuit by tapping into a fuse block.



1 PC	10 PC	100 PC
<b>9950-11</b>	<b>9950-34</b>	<b>9950-36</b>



### Fuse Holder

Multiple units can be stacked together.



Description	1 PC	10 PC
12 AWG 30 Amp	<b>9940-11</b>	<b>9940-34</b>





Provides reliable vehicle circuit protection in a compact and miniature size. Industry standard colour coded to indicate amp rating.


**Fuses**  
 SAE J2077  
 32V DC


Amp	Colour	5 PC	100 PC
2 A	Light Grey	<b>102-14</b>	<b>102-36</b>
3 A	Violet	<b>103-BP</b>	<b>103-C</b>
4 A	Pink	<b>104-BP</b>	<b>104-C</b>
5 A	Tan	<b>105-BP</b>	<b>105-C</b>
7.5 A	Brown	<b>107-BP</b>	<b>107-C</b>
10 A	Red	<b>110-BP</b>	<b>110-C</b>
15 A	Blue	<b>115-BP</b>	<b>115-C</b>
20 A	Yellow	<b>120-BP</b>	<b>120-C</b>
25 A	Clear	<b>125-BP</b>	<b>125-C</b>
30 A	Green	<b>130-BP</b>	<b>130-C</b>
35 A	Violet	<b>133-14</b>	<b>133-36</b>


**Fuses & Fuse Puller**  
 3-30 Amp


Part No.	Qty
<b>126-91</b>	1


**6 Way Fuse Block with Dust Cover**  
 Mount Holes (Center to Center): 84.8 mm  
 Mount Holes (Diameter): 5.5 mm


Part No.	Qty
<b>3411-31</b>	1


**Add-A-Circuit Fuse Holder**  
 Allows an addition of a new circuit by tapping into a fuse block.


Description	1 PC	10 PC	100 PC
16 AWG 10 Amp	<b>981-11</b>	<b>981-34</b>	<b>981-36</b>


**ATM & LP ATM Fuse Puller**  
 Fuse not included.


Part No.	Qty
<b>101-11</b>	1


**Fuses with LED Indicator**

When the fuse blows, the LED glows. Operates at very low temperatures and draws very low current. Ideal for sensitive electronics in automotive, DC motors, audio equipment and industrial machinery. 32V



Amp	Colour	2 PC	5 PC
5 A	Tan	<b>9905-12</b>	<b>9905-14</b>
7.5 A	Brown	<b>9907-12</b>	<b>9907-14</b>
10 A	Red	<b>9910-12</b>	<b>9910-14</b>
15 A	Blue	<b>9915-12</b>	<b>9915-14</b>
20 A	Yellow	<b>9920-12</b>	<b>9920-14</b>
25 A	Clear	<b>9925-12</b>	<b>9925-14</b>
30 A	Green	<b>9930-12</b>	<b>9930-14</b>


**Fuse Tap Adapter .187**

Tap snaps over fuse blade.



5 PC	50 PC	100 PC
<b>954-13</b>	<b>954-15</b>	<b>954-16</b>


**Fuse Tap Adapter .187**

Tap slips over fuse blade.



5 PC	50 PC	100 PC
<b>959-BP</b>	<b>959-15</b>	<b>959-CS</b>


**Water Resistant In-Line Fuse Holder**

Description	1 PC	10 PC	100 PC
16 AWG 20 Amp	<b>131-11</b>	<b>131-34</b>	<b>131-36</b>
12 AWG 30 Amp	<b>132-11</b>	<b>132-34</b>	<b>132-36</b>


**Waterproof In-Line Fuse Holder**

Description	1 PC	10 PC
12 AWG 30 Amp	<b>943-11</b>	<b>943-34</b>

## A.T. Blade - Standard

Blade type fuse whose basic components are a plastic house and two blade terminals with a fuse element fabricated from a single piece of metal. Industry standard colour coded to indicate amp rating.



**Fuses**  
SAE J1284  
32V DC



Amp	Colour	5 PC	100 PC
1 A	Black	<b>937-14</b>	<b>937-36</b>
2 A	Light Grey	<b>938-14</b>	<b>938-36</b>
3 A	Violet	<b>960-BP</b>	<b>960-C</b>
4 A	Pink	<b>961-14</b>	<b>961-36</b>
5 A	Tan	<b>962-BP</b>	<b>962-C</b>
7.5 A	Brown	<b>963-BP</b>	<b>963-C</b>
10 A	Red	<b>964-BP</b>	<b>964-C</b>
15 A	Blue	<b>965-BP</b>	<b>965-C</b>
20 A	Yellow	<b>966-BP</b>	<b>966-C</b>
25 A	Clear	<b>967-BP</b>	<b>967-C</b>
30 A	Green	<b>968-BP</b>	<b>968-C</b>
35 A	Purple	<b>935-14</b>	<b>935-36</b>
40 A	Orange	<b>936-14</b>	<b>936-36</b>



### Fuses with LED Indicator

When the fuse blows, the LED glows. Operates at very low temperatures and draws very low current. Ideal for sensitive electronics in automotive, DC motors, audio equipment and industrial machinery. 32V



Amp	Colour	2 PC	5 PC	100 PC
2 A	Light Grey	<b>9959-12</b>	<b>9959-14</b>	<b>9959-36</b>
3 A	Violet	<b>9960-12</b>	<b>9960-14</b>	<b>9960-36</b>
4 A	Pink	<b>9961-12</b>	<b>9961-14</b>	
5 A	Tan	<b>9962-12</b>	<b>9962-14</b>	
7.5 A	Brown	<b>9963-12</b>	<b>9963-14</b>	
10 A	Red	<b>9964-12</b>	<b>9964-14</b>	
15 A	Blue	<b>9965-12</b>	<b>9965-14</b>	
20 A	Yellow	<b>9966-12</b>	<b>9966-14</b>	<b>9966-36</b>
25 A	Clear	<b>9967-12</b>	<b>9967-14</b>	
30 A	Green	<b>9968-12</b>	<b>9968-14</b>	



### Fuses with Fuse Puller **NEW!**



Amp	Qty	1 Pack
3-10 Amp	13	<b>985-BP</b>
3-30 Amp	9	<b>984-BP</b>
15-30 Amp	13	<b>986-BP</b>



### 4 Way Fuse Block

Brass terminals (Pico No. 1598, page 14) included. Multiple blocks stack together.



1 PC	10 PC
<b>945-E</b>	<b>945-34</b>



### 6 Way Fuse Block w/ Screw Terminals

For fuses or plug-in circuit breakers. #10-32 stud terminal with hex nut, flat washer & lock washer supplied. 4 mounting holes for #10 screws. Recessed area in center of block for application of label. Recessed fuse contacts, no cover required. Rugged lightweight construction. 25A Max per Circuit, 150A Max Load



Part No.	Qty
<b>3413-31</b>	1



### 6 Way Fuse Block w/ Dust Cover

Mount Holes (Center to Center): 84.8 mm  
Mount Holes (Diameter): 5.5 mm  
Tab Terminals  
15A Max per Circuit, 45A Max Load



Part No.	Qty
<b>3412-31</b>	1



### 6 Way Fuse Block w/ Tab Terminals

For fuses or plug-in circuit breakers. #10-32 stud terminal with hex nut, flat washer & lock washer supplied. 4 mounting holes for #10 screws. Recessed area in center of block for application of label. Recessed fuse contacts, no cover required. Rugged lightweight construction. 25A Max per Circuit, 150A Max Load



Part No.	Qty
<b>3410-31</b>	1



### 10 Way Fuse Block w/ Tab Terminals

For fuses or plug-in circuit breakers. #10-32 stud terminal with hex nut, flat washer & lock washer supplied. 4 mounting holes for #10 screws. Recessed area in center of block for application of label. Recessed fuse contacts, no cover required. Rugged lightweight construction.



Part No.	Qty
<b>3409-31</b>	1



## A.T. Blade - Standard

Blade type fuse whose basic components are a plastic house and two blade terminals with a fuse element fabricated from a single piece of metal. Industry standard colour coded to indicate amp rating.



### In-Line Fuse Holder



Description	1 PC	10 PC	100 PC
16 AWG 15 Amp	<b>977-BP</b>	<b>977-PK</b>	<b>977-C</b>



### In-Line Fuse Holder



Description	1 PC	10 PC	100 PC
12 AWG 30 Amp	<b>978-BP</b>	<b>978-PK</b>	<b>978-C</b>



### In-Line Fuse Holder with Cap



Description	1 PC	10 PC	100 PC
16 AWG 15 Amp	<b>987-BP</b>	<b>987-PK</b>	<b>987-C</b>
14 AWG 20 Amp	<b>952-11</b>	<b>952-34</b>	<b>952-36</b>
12 AWG 30 Amp	<b>988-BP</b>	<b>988-PK</b>	<b>988-C</b>



### Waterproof Fuse Holder

Fuse not included.



Description	1 PC	10 PC	100 PC
12 AWG 30 Amp	<b>951-BP</b>	<b>951-34</b>	<b>951-36</b>
10 AWG 40 Amp	<b>950-11</b>	<b>950-34</b>	<b>950-36</b>



### Panel Mount Fuse Holder

Multiple holders nest together. Fuse not included.



Amp	1 PC	10 PC
30 Amp	<b>9900-11</b>	<b>9900-34</b>



### Self Stripping Fuse Holder

20 Amp Max.



Description	10 PC	100 PC
<b>979-BP</b>	<b>979-34</b>	<b>979-C</b>



### Fuse & Fuse Holder Combo Packs

A.T. Blade - Standard Fuse Combo Packs include 1 fuse and 1 fuse holder. A complete unit ready for installation.



Description	1 Pack
7.5A 16 AWG Fuse & Fuse Holder	<b>9863-91</b>
10A 16 AWG Fuse & Fuse Holder	<b>9864-91</b>
15A 16 AWG Fuse & Fuse Holder	<b>9865-91</b>
20A 12 AWG Fuse & Fuse Holder	<b>9866-91</b>
25A 12 AWG Fuse & Fuse Holder	<b>9867-91</b>
30A 12 AWG Fuse & Fuse Holder	<b>9868-91</b>



### Add-A-Circuit Fuse Holder

Allows an addition of a new circuit by tapping into a fuse block.



Part No.	1 PC	10 PC	100 PC
16 AWG 10 Amp	<b>982-11</b>	<b>982-34</b>	<b>982-36</b>



### Fuse Tap Adapter .250

Tap slips over fuse blade.



Part No.	5 PC	50 PC	100 PC
<b>969-BP</b>	<b>969-15</b>	<b>969-CS</b>	



### Fuse Puller & Tester

Use in fuse block to test and replace fuses. Indicator light glows green when fuse is good.



Part No.	Qty
<b>980-BP</b>	1



### Fuse Puller

Fuses not included.



Part No.	Qty
<b>983-11</b>	1

## Fuse Link Terminations

Fuses are colour coded for easy amperage identification.



### 13/16" Bolt-In Japanese Car Fuse Link Terminations

Meets JASO D614.  
Vehicle Application: Honda

Amp	Colour	1 PC
30 A	Pink	<b>9971-11</b>
40 A	Green	<b>9972-11</b>
50 A	Red	<b>9973-11</b>
60 A	Yellow	<b>9974-11</b>
70 A	Brown	<b>9975-11</b>
80 A	Black	<b>9976-11</b>
100 A	Blue	<b>9977-11</b>
120 A	Grey	<b>9978-11</b>



### 9/16" Bolt-In Japanese Car Fuse Link Terminations

Meets JASO D614.  
Vehicle Application: Honda

Amp	Colour	1 PC
30 A	Pink	<b>9981-11</b>
40 A	Green	<b>9982-11</b>
50 A	Red	<b>9983-11</b>
80 A	Black	<b>9986-11</b>
100 A	Blue	<b>9987-11</b>



### Female Compact Mini Japanese Car Fuse Link Terminations

Meets JASO D614.  
Vehicle Application: Toyota, KIA, Volkswagen

Amp	Colour	1 PC
20 A	Light Blue	<b>9590-11</b>
30 A	Pink	<b>9591-11</b>
40 A	Green	<b>9592-11</b>
50 A	Red	<b>9593-11</b>
60 A	Yellow	<b>9594-11</b>



### Female Mini Japanese Car Fuse Link Terminations

Meets JASO D614.  
Vehicle Application: Toyota, KIA, Volkswagen

Amp	Colour	1 PC
30 A	Pink	<b>9581-11</b>
40 A	Green	<b>9582-11</b>



### Female Japanese Car Fuse Link Terminations

Meets JASO D614.  
Vehicle Application: Japanese Vehicles

Amp	Colour	1 PC
20 A	White	<b>9540-11</b>
30 A	Pink	<b>9541-11</b>
40 A	Green	<b>9542-11</b>
50 A	Red	<b>9543-11</b>
60 A	Yellow	<b>9544-11</b>



### Female Japanese Car Fuse Link Terminations with Locking Tab

Meets JASO D614.  
Vehicle Application: Nissan

Amp	Colour	1 PC
25 A	Brown	<b>9570-11</b>
30 A	Green	<b>9571-11</b>



### Low Profile Female Mini Car Fuse Link Terminations **NEW!**

15.9 mm long.

Amp	Colour	1 PC
20 A	Blue	<b>9584-11</b>
25 A	White	<b>9585-11</b>
30 A	Pink	<b>9586-11</b>
40 A	Green	<b>9587-11</b>
50 A	Red	<b>9588-11</b>
60 A	Yellow	<b>9589-11</b>



### Male Japanese Car Fuse Link Terminations

Meets JASO D614.  
Vehicle Application: Japanese Vehicles

Amp	Colour	1 PC
30 A	Pink	<b>9561-11</b>
60 A	Yellow	<b>9564-11</b>
80 A	Black	<b>9566-11</b>
100 A	Blue	<b>9567-11</b>
120 A	Grey	<b>9568-11</b>



## GM Fuse Block Taps



### GM Fuse Block Battery Tap

Taps into fuse block. Splice accessory wire onto connector wire and plug connector into battery cavity. Power always on. Clock, alarm, radio, horn.

Part No.	Qty
955-BP	1



### GM Fuse Block Ignition Tap

Taps into fuse block. Splice accessory wire onto connector wire and plug connector into ignition cavity. Power supplied once ignition is on.

Part No.	Qty
958-BP	1

## Glass Fuse Accessories



### 1 Way Glass Fuse Block

30A Max.  
Fits AGC & SFE

Part No.	Qty
940-11	1



### 4 Way Glass Fuse Block

Fits AGC & SFE

Part No.	Qty
941-11	1



### Bayonet Type Bakelite Glass Fuse Holder

To install fuses with loop wire, simply cut loop into two separate wires of desired length.  
Fits AGC & JSO

Description	1 PC	10 PC	100 PC
14 AWG 20 Amp	905-BP	905-PK	905-C



### Glass Fuse Tap Adapter .250

Taps into fuse block.

Description	1 PC	50 PC	100 PC
1590-BP	1590-15	1590-CS	



### Bayonet Type Nylon Glass Fuse Holder

To install fuses with loop wire, simply cut loop into two separate wires of desired length.  
Fits AGC & JSO

Description	1 PC	10 PC	100 PC
16 AWG 15 Amp	906-BP	906-PK	906-C



### Crimp Terminal, Snap-Lock Type Glass Fuse Holder

Fits AGC

Description	1 PC
18-14 AWG 20 A	909-11



### Bayonet Type Nylon Glass Fuse Holder

To install fuses with loop wire, simply cut loop into two separate wires of desired length.  
Fits AGC & JSO

Description	1 PC	10 PC	100 PC
12 AWG 30 Amp	904-BP	904-PK	904-C



### Waterproof Glass Fuse Holder

Crimp Terminal, Snap-Lock Type  
Fits AGC

Description	1 PC
18-12 AWG 30 A	910-11



### Hinged Body Type Nylon Glass Fuse Holder

To install fuses with loop wire, simply cut loop into two separate wires of desired length.  
Fits AGC & JSO

Description	1 PC	10 PC
12 AWG 30 Amp	902-11	902-34



### Panel Mount Glass Fuse Holder

10A @ 250V AC / 15A @ 125V AC  
Fits AGC & JSO

Description	1 PC	10 PC
	995-11	995-34

## Glass Fuses



**AGC Glass Fuses**  
Standard: UL 248-14  
32V



Amp	5 PC	100 PC
1/4 A	<b>9648-14</b>	<b>9648-36</b>
1/2 A	<b>9650-14</b>	<b>9650-36</b>
3/4 A	<b>9649-14</b>	<b>9649-36</b>
1 A	<b>9651-14</b>	<b>9651-36</b>
1.5 A	<b>9652-14</b>	<b>9652-36</b>
2 A	<b>9653-14</b>	<b>9653-36</b>
2.5 A	<b>9654-14</b>	<b>9654-36</b>
3 A	<b>9655-14</b>	<b>9655-36</b>
4 A	<b>9656-14</b>	<b>9656-36</b>
5 A	<b>9657-14</b>	<b>9657-36</b>
6 A	<b>9658-14</b>	<b>9658-36</b>

Amp	5 PC	100 PC
7 A	<b>9647-14</b>	<b>9647-36</b>
7.5 A	<b>9659-14</b>	<b>9659-36</b>
8 A	<b>9660-14</b>	<b>9660-36</b>
10 A	<b>9661-14</b>	<b>9661-36</b>
14 A	<b>9646-14</b>	<b>9646-36</b>
15 A	<b>9662-14</b>	<b>9662-36</b>
20 A	<b>9663-14</b>	<b>9663-36</b>
25 A	<b>9664-14</b>	<b>9664-36</b>
30 A	<b>9665-14</b>	<b>9665-36</b>
35 A	<b>9666-14</b>	<b>9666-36</b>
40 A	<b>9645-14</b>	



**AGW Glass Fuses** **NEW!**  
Standard: UL 248-14  
32V



Amp	5 PC
1 A	<b>9676-14</b>
1.5 A	<b>9677-14</b>
2.5 A	<b>9667-14</b>
3 A	<b>9668-14</b>
4 A	<b>9669-14</b>
5 A	<b>9670-14</b>
6 A	<b>9678-14</b>

Amp	5 PC
7.5 A	<b>9679-14</b>
10 A	<b>9671-14</b>
15 A	<b>9672-14</b>
20 A	<b>9673-14</b>
25 A	<b>9674-14</b>
30 A	<b>9675-14</b>



**AGA Glass Fuses** **NEW!**  
32V

Amp	5 PC
1 A	<b>9730-14</b>
1.5 A	<b>9731-14</b>
2 A	<b>9732-14</b>
2.5 A	<b>9733-14</b>
3 A	<b>9734-14</b>
5 A	<b>9735-14</b>
6 A	<b>9736-14</b>

Amp	5 PC
7.5 A	<b>9737-14</b>
10 A	<b>9738-14</b>
15 A	<b>9739-14</b>
20 A	<b>9740-14</b>
25 A	<b>9741-14</b>
30 A	<b>9742-14</b>



## Glass Fuses



**AGX Glass Fuses** **NEW!**  
32V

Amp	5 PC
1 A	9755-14
2 A	9756-14
2.5 A	9757-14
3 A	9758-14
5 A	9759-14
7 A	9760-14
10 A	9761-14
15 A	9762-14
20 A	9763-14
25 A	9764-14
30 A	9765-14



**AGU Glass Fuses** **NEW!**

Amp	5 PC
5 A	9745-14
10 A	9746-14
15 A	9747-14
20 A	9748-14
30 A	9749-14
40 A	9750-14
50 A	9751-14
60 A	9752-14



**SFE Glass Fuses**  
Standard: UL 248-14  
32V

Amp	5 PC	100 PC
4 A	9690-14	9690-36
6 A	9691-14	9691-36
7.5 A	9692-14	9692-36
9 A	9693-14	9693-36
14 A	9694-14	9694-36
20 A	9695-14	9695-36
30 A	9696-14	9696-36



**GBC Glass Fuses**  
Standard: DIN 72581  
32V

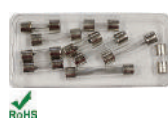
Amp	Colour	5 PC
5 A	Yellow	9680-14
8 A	White	9681-14
16 A	Red	9682-14
25 A	Blue	9684-14

## Glass Fuse Assortments



**AGC Glass Fuse Assortment**  
Contains 5 fuses from 5-30A.  
Standard: UL 248-14

Part No.	Qty
9600-91	1 Pack



**SFE Glass Fuse Assortment** **NEW!**  
Contains 10 fuses from 4-30 Amp.  
Standard: UL 248-14

Part No.	Qty
9601-91	1 Pack

## Glass Fuse Puller



**Fuse Puller**  
Fuses not included.

Part No.	Qty
983-11	1



## Type I Automatic Reset Circuit Breakers



### ATC/ATO Fuse Footprint

Colour coded breakers with a fuse footprint. Circuit breaker automatically resets after opening. If the fault still exists, the breaker will continue to cycle between on and off positions until the overload is corrected. Meets SAE J553. 14V DC



Amp	Colour	1 PC
10	Red	<b>9534-11</b>
15	Blue	<b>9535-11</b>
20	Yellow	<b>9536-11</b>
25	White	<b>9537-11</b>
30	Green	<b>9538-11</b>



### ATC/ATO Fuse Footprint - Snap Off Blade

Heavy duty replacement for blade type fuses. Designed for multiple OEM applications. Simply snap off the blade at location. Circuit breaker automatically resets after opening. If the fault still exists, the breaker will continue to cycle between on and off positions until the overload is corrected. 12V



Amp	1 PC
10	<b>3785-11</b>
15	<b>3786-BP</b>
20	<b>3787-BP</b>
25	<b>3789-11</b>
30	<b>3788-BP</b>



### ATM/Mini Fuse Footprint

Colour coded breakers with a fuse footprint. Circuit breaker automatically resets after opening. If the fault still exists, the breaker will continue to cycle between on and off positions until the overload is corrected. Meets SAE J553. 14V DC



Amp	Colour	1 PC
10	Red	<b>9624-11</b>
15	Blue	<b>9625-11</b>
20	Yellow	<b>9626-11</b>
25	White	<b>9627-11</b>
30	Green	<b>9628-11</b>



### Maxi Fuse Footprint

Can be used to replace fuses in any application. Circuit breaker automatically resets after opening. If the fault still exists, the breaker will continue to cycle between on and off positions until the overload is corrected. Meets SAE J553. 12V



Amp	1 PC
10	<b>9604-11</b>
15	<b>9605-11</b>
20	<b>9606-11</b>
25	<b>9607-11</b>
30	<b>9608-11</b>
40	<b>9609-11</b>
50	<b>9610-11</b>

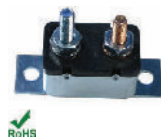


### Universal

Circuit breaker automatically resets after opening. If the fault still exists, the breaker will continue to cycle between on and off positions until the overload is corrected. Meets SAE J553. 6-12V



Amp	1 PC
15	<b>3770-BP</b>
20	<b>3771-BP</b>



### Universal with Mount Bracket

Circuit breaker automatically resets after opening. If the fault still exists, the breaker will continue to cycle between on and off positions until the overload is corrected. Meets SAE J553. 6-12V



Amp	1 PC
10	<b>3790-11</b>
15	<b>3791-11</b>
20	<b>3792-11</b>
25	<b>3793-11</b>
30	<b>3794-11</b>
40	<b>3795-11</b>
50	<b>3796-11</b>

## Solenoids

Solenoids are relays which are commonly used to remotely switch a heavier current. By using a solenoid, the amount of heavy wiring needed to power the load is reduced, since the control circuit mounted inside the cab typically utilizes a smaller wire gauge. Hexnuts and lockwashers included.



### 12V Solenoid Continuous Duty Switch

85 Amp

Part No.	Qty
<b>9497-31</b>	1



### 24V Solenoid Continuous Duty Switch

85 Amp

Part No.	Qty
<b>9498-31</b>	1





## Type II Modified Reset Circuit Breakers



### ATC/ATO Fuse Footprint

Silver coloured breaker with a fuse footprint. Circuit breaker will remain tripped (in the off position) as long as there is power to the circuit, due to internal resistor. Breakers can be reset by turning off the circuit or by turning off the ignition switch. Meets SAE J553. 14V DC

Amp	1 PC
10	<b>9504-11</b>
15	<b>9505-11</b>
20	<b>9506-11</b>
25	<b>9507-11</b>
30	<b>9508-11</b>



### ATM/Mini Fuse Footprint

Silver coloured breaker with a fuse footprint. Circuit breaker will remain tripped (in the off position) as long as there is power to the circuit, due to internal resistor. Breakers can be reset by turning off the circuit or by turning off the ignition switch. Meets SAE J553. 14V DC

Amp	1 PC
10	<b>9634-11</b>
15	<b>9635-11</b>
20	<b>9636-11</b>
25	<b>9637-11</b>
30	<b>9638-11</b>



### Maxi Fuse Footprint

Silver coloured breaker with a fuse footprint. Circuit breaker will remain tripped (in the off position) as long as there is power to the circuit, due to internal resistor. Breakers can be reset by turning off the circuit or by turning off the ignition switch. Meets SAE J553. 12V

Amp	1 PC
10	<b>9614-11</b>
15	<b>9615-11</b>
20	<b>9616-11</b>
25	<b>9617-11</b>
30	<b>9618-11</b>

## Type III Manual Reset Circuit Breakers



### ATC/ATO Fuse Footprint

Circuit breaker will remain tripped (in the off position) until button is manually reset. Meets SAE J553. 28V DC

Amp	Colour	1 PC
10	Red	<b>9524-11</b>
15	Blue	<b>9525-11</b>
20	Yellow	<b>9526-11</b>
25	White	<b>9527-11</b>
30	Green	<b>9528-11</b>



### ATM/Mini Fuse LP Footprint

Circuit breaker will remain tripped (in the off position) until button is manually reset. Meets SAE J553. 58V

Amp	Colour	1 PC
10	Red	<b>9514-11</b>
15	Blue	<b>9515-11</b>
20	Yellow	<b>9516-11</b>
25	White	<b>9517-11</b>
30	Green	<b>9518-11</b>



### High Amp Panel/Surface Mount

32V DC Circuit breaker will remain tripped (in the off position) until the lever is manually reset. Panel or surface mount. Typically used in auxilliary and accessory circuits-trucks, busses, RV's and marine applications. Others might include battery chargers and DC audio systems. 1/4" Studs. Housing Rated UL94-V0. Interrupt: 3000A @ 30V DC

Amp	1 PC	10 PC
50	<b>3450-11</b>	<b>3450-34</b>
60	<b>3451-11</b>	<b>3451-34</b>
70	<b>3452-11</b>	<b>3452-34</b>
80	<b>3400-31</b>	<b>3400-34</b>
100	<b>3401-31</b>	<b>3401-34</b>
120	<b>3402-31</b>	<b>3402-34</b>
135	<b>3403-31</b>	<b>3403-34</b>
150	<b>3404-31</b>	<b>3404-34</b>
200	<b>3405-11</b>	<b>3405-34</b>

## Relay & Pigtail Combo-Packs



### General Purpose

A complete unit ready for installation.

Description	1 Pack	
40/30A 24V DC	924-91	
40/30A 12V DC	926-91	



### Weather Resistant NEW!

Combined, the unit is sealed against moisture, dirt and dust. Relay includes resistor for voltage spike protection and operates as normally closed or normally open.

Description	1 Pack	
40/30A 12V DC	928-91	
30/20A 24V DC	930-91	

## Relay Pigtails



### 5-Pin 16 Gauge Relay Pigtail

1 PC	25 PC
5663-11	5663-35



### 5-Pin 14 Gauge Relay Pigtail

1 PC	25 PC
5653-BP	5653-35



### 10-Pin 14 Gauge Dual Relay Pigtail

8-Wire Lead.

1 PC	25 PC
5563-11	5563-35



### 4-Pin 18 Gauge Weather Resistant NEW!

#### Relay Pigtail

Combine with Pico No. 927 or 929 relay to seal against moisture, dirt and dust.

1 PC	25 PC
5565-11	5565-35



### 5-Pin 12 Gauge Weather Resistant NEW!

#### Relay Pigtail

Combine with Pico No. 927 or 929 relay to seal against moisture, dirt and dust.

1 PC	25 PC
5564-11	5564-35



### 5-Pin Relay Socket & Terminals NEW!

Can be used with 923,925 & 932 relays. Multiple units stack together.

1 PC	25 PC
9901-11	

## Relays



### General Purpose

General purpose automotive change-over relays. Plastic body with mounting bracket. SPDT. Five terminals with resistor for voltage spike protection. Relay can operate as normally closed or normally open.

Description	1 PC	25 PC
40/30A 24V DC	923-11	923-35
40/30A 12V DC	925-11	925-35
40/30A 12V DC w/o Resistor	932-11	932-35



### Large Blade NEW!

Relay can operate as normally closed or normally open.

Description	1 PC	25 PC
80/60A 12V DC	921-11	921-35



### Mini Blade NEW!

Relay can operate as normally closed or normally open.

Description	1 PC	25 PC
25/20A 12V DC	915-11	915-35



### Weather Resistant NEW!

Combine with Pico No. 5564 relay pigtail, to seal against moisture, dirt and dust. Relay includes resistor for voltage spike protection and operates as normally closed or normally open. Mount tab included.

Description	1 PC	25 PC
40/30A 12V DC	927-11	927-35
30/20A 24V DC	929-11	929-35



## 12V Power Sockets & Plugs



### 12V Power Plug

Plug fits into power socket or cigarette lighter. Provides 12V power.

Part No.	Qty
3920-11	1



### 12-24V 2-Way Adapter

Two way adapter with indicator light. Can be used to power two 12V accessories from one 12V lighter socket. Includes a 10A fuse.

Part No.	Qty
3925-11	1



### 12V Power Socket

Socket comes pre-wired with fuse holder. Use with any 12V power plug.

Part No.	Qty
3922-11	1



### 12V 3-Way Adapter

Three way adapter with indicator light can be used to power three 12V accessories from one 12V lighter socket. Includes a 10A fuse.

Part No.	Qty
3927-11	1



### 12V Panel Mount Socket **NEW!**

Includes mounting bracket and lock ring.

Part No.	Qty
3923-11	1



### 12-24V Dual USB Charger/Adapter **NEW!**

To protect the devices being used or charged, these USB units feature 'Short Circuit' and 'Self Recovery' safety functions. They are also designed with 'Over Current/Over Temperature' protection.

Part No.	Qty
3929-11	1



### 12V Twin Plug Adapter

Splitter is designed to enable the use of two electrical items from one lighter type socket.

Part No.	Qty
3924-11	1



### 12-24V Single USB Charger/Adapter **NEW!**

To protect the devices being used or charged, these USB units feature 'Short Circuit' and 'Self Recovery' safety functions. They are also designed with 'Over Current/Over Temperature' protection.

Part No.	Qty
3928-11	1

## Junction Boxes & Terminal Block



### Junction Boxes

Corrosion-resistant molded cover and housing. Complete with four entrance slots. Two bolt mounting. Access slot grommets. 7-3/8" (18.7 cm) center-to-center mount.

Part No.	Description	Qty
990-E	7 Pin	1
991-E	14 Pin	1



### Terminal Block

Safely add circuits to a vehicles electrical system. Rings, spades or hooks can be used. #8 Stud Terminals

Part No.	Qty
992-11	1

## SPST Toggle Switches On-Off

Single Pull, Single Throw. Controls a single wire circuit with two positions.



### Black Duckbill Switch

12V 16A  
1/2" Mount Hole  
Blade Terminals

**Part No.**      **Qty**

**9407-0-11**      1



### Black Toggle Switch

12V 16A  
1/2" Mount Hole  
1/4" Blade Terminals

**Part No.**      **Qty**

**9401-BP**      1



### Chrome Duckbill Switch

12V 16A  
1/2" Mount Hole  
Blade Terminals

**Part No.**      **Qty**

**9406-11**      1



### Toggle Switch with Indicator Light

12V 20A  
Blade Terminals

**Part No.**      **Qty**

**9403-11**      1



### Illuminated Duckbill Switches

12V 16A  
1/2" Mount Hole  
1/4" Blade Terminals

**Colour**      **1 PC**

Red      **9407-11**

Blue      **9407-1-11**

Green      **9407-3-11**

Amber      **9407-7-11**



### Illuminated Toggle Switches

12V 16A  
1/2" Mount Hole  
1/4" Blade Terminals

**Colour**      **1 PC**

Red      **9405-11**

Blue      **9405-1-11**

Green      **9405-3-11**

Amber      **9405-7-11**

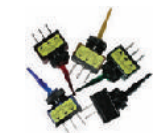


### Duckbill Switch Assortment **NEW!**

Includes: Chrome, Red, Black, Blue, Green, Amber  
12V 16A

**Part No.**      **Qty**

**9408-91**      6



### Toggle Switch Assortment **NEW!**

Includes: Black, Red, Blue, Green, Amber  
12V 16A

**Part No.**      **Qty**

**9409-91**      5



### Heavy Duty Toggle Switch

50A  
Screw Terminals

**Part No.**      **Qty**

**9436-BP**      1



### Metal Bat Handle Switch

12V 35A  
Screw Terminals

**Part No.**      **Qty**

**9435-BP**      1

**9435-34**      10



### Metal Bat Handle Switch

12V 20A  
1/2" Mount Hole  
Screw Terminals

**Part No.**      **Qty**

**9432-11**      1



### Metal Bat Handle Switch

12V 20A  
1/2" Mount Hole  
Blade Terminals

**Part No.**      **Qty**

**9433-11**      1

## SPST Toggle Switches On-Off

Single Pull, Single Throw. Controls a single wire circuit with two positions.



**Metal Bat Handle Switch**  
125V AC @ 10A / 12V DC @ 15A  
1/2" Mount Hole  
Screw Terminals

Part No.	Qty
9447-BP	1



**Pre-Wired Metal Bat Handle Switch**  
250V AC @ 3A / 125V AC @ 6A  
2 x 6" Wire Leads



Part No.	Qty
9446-BP	1
9446-34	10



**Metal Bat Handle Switch with Moisture Proof Boot**  
12V 20A  
Blade Terminals

Part No.	Qty
9437-11	1



**Weather Resistant Pre-Wired Switch**   
Boot Included.  
24V @ 15A / 12V @ 25A

Part No.	Qty
9459-11	1
9459-35	25

## SPDT Toggle Switches On-Off-On

Single Pull, Double Throw. Controls two single wire circuits, permitting only one circuit to be energized at a time.



**Heavy Duty Toggle Switch**  
Die Cast Housing  
6-12V 50A  
Screw Terminals

Part No.	Qty
9443-11	1



**Toggle Switch**  
12V 16A  
1/4" Blade Terminals

Part No.	Qty
9400-11	1



**Metal Bat Handle Toggle Switch**  
12V @ 15A / 6V @ 35A  
1/2" Mount Hole  
Screw Terminals

Part No.	Qty
9434-BP	1

## DPST Toggle Switches On-Off

Double Pull, Single Throw. Controls two circuits simultaneously.  
Both circuits are either on or off at the same time.



**DPST Toggle Switch**  
250V AC @ 10A / 125V AC @ 20A  
4 Screw Terminals

Part No.	Qty
9438-11	1

## DPDT Toggle Switches On-Off-On

Double Pull, Double Throw. Controls four circuits,  
permitting only 2 circuits to be energized at the same time.



**DPDT Toggle Switch**  
250V AC @ 10A / 125V AC @ 20A  
6 Screw Terminals

Part No.	Qty
9439-11	1

## Rocker Switches



### Push On - Push Off Switches **NEW!**

12V 16A  
3/4" Mount Hole

Colour	1 PC
Blue	<b>9416-1-11</b>
Green	<b>9416-3-11</b>
Red	<b>9416-5-11</b>
Amber	<b>9416-7-11</b>



### Round Rocker Switches w/ LED **NEW!**

12V 16A  
3/4" Mount Hole  
On-Off

Colour	1 PC
Blue	<b>9415-1-11</b>
Green	<b>9415-3-11</b>
Red	<b>9415-5-11</b>
Amber	<b>9415-7-11</b>



### Rectangular Rocker Switches

12V 16A  
1/2" Mount Hole  
On-Off

Colour	1 PC
Black*	<b>9412-0-11</b>
Blue	<b>9412-1-11</b>
Green	<b>9412-3-11</b>
Red	<b>9412-5-11</b>
Amber	<b>9412-7-11</b>

\*Non-Illuminating



### Slim Rocker Switches

12V 16A  
1/2" x 1-1/8" Mount Hole  
On-Off

Colour	1 PC
Black*	<b>9413-0-11</b>
Blue	<b>9413-1-11</b>
Green	<b>9413-3-11</b>
Red	<b>9413-5-11</b>
Amber	<b>9413-7-11</b>

\*Non-Illuminating



### Oval Rocker Switches

12V 16A  
On-Off



Colour	1 PC
Blue	<b>9411-1-11</b>
Green	<b>9411-3-11</b>
Red	<b>9411-5-11</b>
Amber	<b>9411-7-11</b>

## Indicator Lights



### Indicator Lights

12V 16A  
1/2" Mount Hole, 2-1/4" Long

Colour	1 PC
Red	<b>9414-BP</b>
Blue	<b>9414-1-BP</b>
Green	<b>9414-3-BP</b>
Amber	<b>9414-7-BP</b>



## Momentary Switches



**Column Mount Horn Button**   
12V 5A  
On-Off

Part No.	Qty
9453-11	1



**Flush Mount Horn Button**  
12V 5A  
On-Off

Part No.	Qty
9454-11	1



**Heavy Duty Push Button/Horn**  
Dust and moisture resistant boot.  
12V 60A  
5/8" Mount Hole  
On-Off

Part No.	Qty
9452-11	1



**Momentary Push Button/Starter Switch**  
12V @ 15A / 6V @ 25A  
5/8" Mount Hole  
On-Off

Part No.	Qty
9451-11	1



**Momentary SPDT Toggle Switch**  
Controls two single wire circuits, permitting only one circuit to be energized at a time. HD Die Cast.  
6-12V 50A  
1/2" Mount Hole  
On-Off-On


Part No.	Qty
9444-11	1



**Self Grounding Momentary Door Jam Switch**  
2" Overall Length  
3/8" Travel Distance

Part No.	Qty
9465-BP	1



**Weather Resistant Momentary SPDT Switch**   
Controls two single wire circuits, permitting only one circuit to be energized at a time. Switch has a special rubber coated casing to resist moisture. Weather resistant boot included.  
24V @ 15A / 12V @ 25A  
On-Off-On

Part No.	Qty
9460-11	1

## Push-Pull Switches



**Heavy Duty SPST Push-Pull Switch**  
6-28V 75A  
On-Off

Part No.	Qty
9423-BP	1



**SPST Push-Pull Switch**  
12V @ 15A / 6V @ 25A  
1/2" Mount Hole  
On-Off

Part No.	Qty
9422-BP	1



**Illuminated SPST Push-Pull Switch**  
12V @ 15A / 6V @ 25A  
Bulb No. 282  
1/2" Mount Hole  
On-Off

Part No.	Qty
9424-5-11	1

## Dual Battery Selector - Ignition - Isolators



**Marine I & II Dual Battery Selector Switch**  
250A Continuous, 360A Intermittent  
6-32V DC

Part No.	Qty
9455-31	1



**Ignition Switch**  
Plated Steel. Includes 2 keys.  
3/4" Mount Hole  
30A

Part No.	Qty
9448-BP	1



**Master Battery Disconnect Switch**  
Single circuit batter master switch provides anti-theft and fire protection. Detachable key for anti-theft. Includes weather resistant cap. Ideal for RV, marine and farm equipment. 12V DC  
350A Continuous, 500A Momentary

Part No.	Qty
9450-11	1
9450-34	10




**UL 588 Heavy Duty Master Battery Disconnect** NEW!  
Disconnects battery circuit only. Does not disconnect alternator or generator field circuit. When used on alternator equipped vehicles, the engine should be stopped before switching to the OFF position to prevent possible alternator diode failure. 6-36V DC, 3/4" Mount Hole  
190A Continuous, 1000A Momentary

Part No.	Qty
9449-31	1
9449-34	10

## Boot & Panels




**Black Modular Indicator Light/Toggle Switch Panel**  
1/2" Mount Hole

 **Part No.** Qty

9417-BP	1
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**Weather Resistant Toggle Switch Boot**  
Weather resistant boot includes mounting nut and washer. 3/8" to 5/8" Handle Length

 **Part No.** Qty

9404-11	1
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**Black Modular Slim Rocker Switch Panel**  
1/2" x 1-1/8" Mount Hole

 **Part No.** Qty

9418-BP	1
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5R2	4	191	26	688T	44	873	56	945	90	1570	47	1808	16	2157	29
6A	2	192	26	689	44	875	56	950	91	1571	47	1809	16	2158	29
6B	2	193	26	690	44	876	48	951	91	1572	47	1820	8	2159	29
6BF	2	197	27	691	44	877	48	952	91	1573	47	1821	8	2160	29
6CS	2	198	27	692	45	878	48	954	89	1574	47	1823	17	2161	29
6F	2	199	27	693	45	878N	48	955	93	1574-0	47	1824	17	2164	12
6G	2	200	27, 46	694	44	878P	48	958	93	1574-5	47	1825	17	2165	12
6H	2	206	88	695	44	879	48	959	89	1575	47	1827	17	2176	29
6LP	2	208	88	700	4	879N	48	960	90	1582	45	1828	17	2177	29
6M	2	220	88	702	52	879P	48	961	90	1584	47	1829	17	2178	29
6MF	2	230	88	703	52	879F	48	962	90	1585	47	1833	16	2179	29
6N	2	240	88	704	52	879NF	48	963	90	1587	47	1834	16	2181	29
6NI	2	250	88	705	52	879PF	48	964	90	1588	47	1835	16	2182	29
6SC	2	260	88	706	52	880M	52	965	90	1589	14, 29	1843	10	2183	29
6SF	2	270	88	707	52	880MN	52	966	90	1590	93	1844	10	2184	29
6ST	2	280	88	712	52	880MP	52	967	90	1591	13	1845	10	2186	29
6T	2	300T	43	713	52	880E	52	968	90	1594	14	1849	13	2200	9
6U	2	312	43	714	52	880EN	52	969	91	1595	13	1850	13	2264	12
6V	2	313T	43	715	52	880EP	52	977	91	1596	13	1851	13	2265	12
6W	2	320T	43	716	52	880ST	53	978	91	1597	13	1852	13	2300	9
10	4	335	43	717	52	880	52	979	91	1598	14	1853	13	2303	15
11	4	340	43	730	56	880HD	52	980	91	1599	14	1855	13	2304	15
20	76	350T	43	731	56	881N	48	981	89	1601	19	1856	13	2305	15
21	76	365	43	732	56	881P	48	982	91	1602	19	1858	8	2306	15
55	2, 81	400T	43, 45	760	51	882	53	983	91, 95	1603	19	1859	8	2308	15
56	2, 81	450T	45	760N	51	883	47	984	90	1604	19	1860	8	2309	15
57	2, 81	451	45	760P	51	884	53	985	90	1605	19	1862	14	2323	17
67	2, 82	452	45	761N	51	885	53	986	90	1608	18	1863	14	2324	17
100T	43	453	45	761P	51	885N	53	987	91	1620	19	1864	12	2325	17
101	89	454	45	762N	51	885P	53	988	91	1621	19	1865	12	2333	16
102	89	455T	45	762P	51	886	53	990	99	1622	19	1866	18	2334	16
103	89	465T	43	763N	51	887	53	991	99	1630	19	1869	8	2335	16
104	89	514	24	763P	51	888	53	992	99	1632	19	1871	41	2349	11
105	89	515	24	771N	51	888N	53	995	93	1633	19	1872	41	2355	11
107	89	516	24	771P	51	888P	53	996	55	1634	19	1873	41	2356	11
110	89	517	24	772N	51	889	55	997	55	1636	19	1874	41	2375	10
115	89	518	24	772P	51	889N	55	1000	9	1638	19	1875	41	2375N	10
120	89	519	24	773N	51	889P	55	1010	9	1639	19	1878	41	2400	9
125	89	600	30	773P	51	890N	52	1100	10	1640	19	1879	41	2403	15
126	89	602	30	801	43	890P	52	1110	9	1700	10	1880	18	2404	15
130	89	604	24	802	43	891N	52	1120	9	1702	16	1881	18	2405	15
131	89	605	29	803	43	891P	52	1166	19	1703	16	1882	18	2406	15
132	89	607	24	804	43	892N	52	1168	8	1704	16	1883	18	2408	15
133	89	608	24	805	43	892P	52	1170	30	1705	16	1885	18	2409	15
134	30	609	24	806	46, 85	893N	52	1200	10	1706	16	1886	18	2416	14
135	30	610	24	807	46, 85	893P	52	1210	9	1708	16	1890	41	2423	17
137	29	611	24	808	46, 85	894N	55	1220	9	1709	16	1891	41	2424	17
138	29	612	24	809	46, 85	894P	55	1222	18	1720	8	1893	41	2425	17
139	29	620	25	810	46, 85	895	47	1257	14	1721	8	1894	41	2433	16
140	29	621	25	835	47	896	53	1260	14	1723	17	1900	10	2434	16
141	30	622	25	836	47	898E	55	1266	19	1724	17	1903	16	2435	16
143	30	623	25	837	47	898EN	55	1268	8	1725	17	1904	16	2449	11
144	30	625	25	839	61	898	55	1269	8	1727	17	1905	16	2450	11
145	30	626	25	840	61	898N	55	1270	30	1728	17	1906	16	2451	11
146	30	630	25	841	61	899EP	55	1300	10	1729	17	1908	16	2452	11
147	30	631	25	842	61	899P	55	1310	9	1733	16	1909	16	2453	11
149	30	632	25	843	61	902	93	1320	9	1734	16	1913	16	2455	11
150	27	633	25	847	53	904	93	1366	19	1735	16	1920	8	2456	11
151	27	634	25	850N	49	905	93	1368	8	1743	10	1921	8	2458	8
152	27	635	25	850P	49	906	93	1401	15	1744	10	1923	17	2465	12
153	27	640T	43	851N	49	909	93	1402	15	1745	10	1924	17	2467	13
154	27	641T	43	851P	49	910	93	1403	15	1749	13	1925	17	2468	8
155	27	642T	43	855N	49	915	98	1404	15	1750	13	1933	16	2471	10
156	26	643T	43	855P	49	921	98	1405	15	1751	13	1934	16	2475	10
157	26	644	43	856N	49	923	98	1410	9	1752	13	1935	16	2475N	10
158	26	645	43	856P	49	924	98	1422	17	1755	13	1955	13	2500	9
159	26	650T	43	859	56	925	98	1501	9	1756	13	1956	13	2504	15
160	26	651	43	860	56	926	98	1555	18	1758	8	1958	8	2505	15
161	26	652	43	861	56	927	98	1557	18	1760	8	1960	8	2506	15
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176	26	681T	43	863	56	929	98	1559	18	1765	12	1965	12	2509	15
177	26	682T	43	864	56	930	98	1560	18	1766	18	1966	18	2513	15
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179	26	684	44	866	56	936	90	1562	18	1785	18	1985	18	2524	17
180	27	685	44	867	56	937	90	1565	18	1800	10	2000	9	2525	17
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188	27, 46	687	44	871	56	941	93	1568	47	1805	16	2100	9	2565	12
190	26	687T	44	872	56	943	89	1569	47	1806	16	2156	29	2567	13









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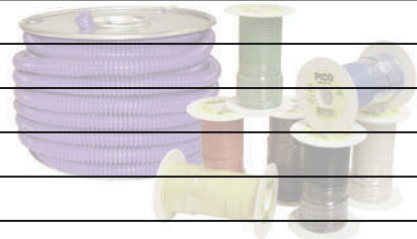
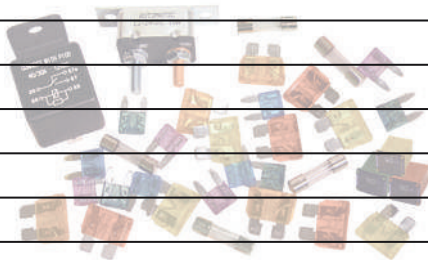
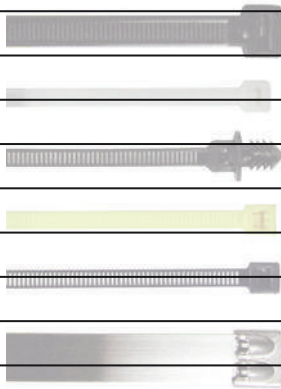
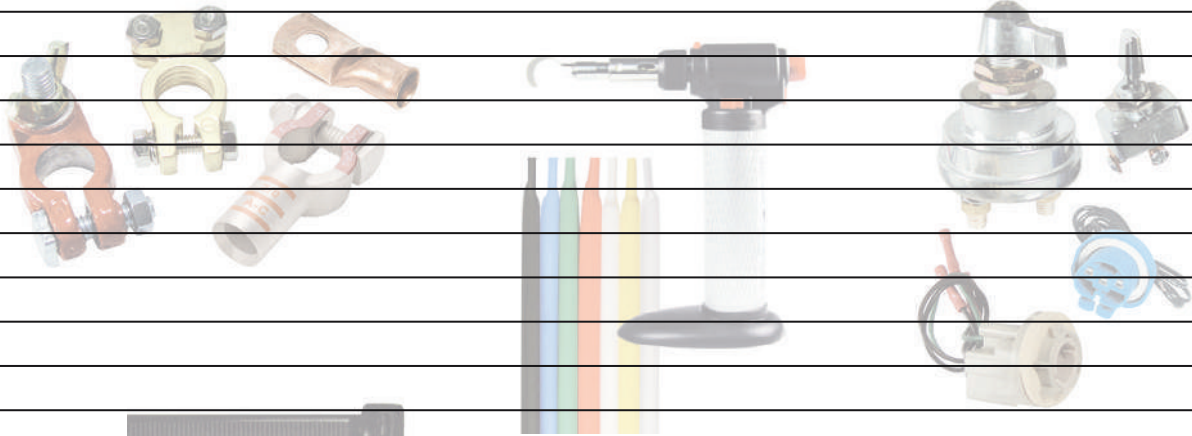


# NOTES

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