

WIRING

When using primary wire, it is important to match the wire sizes used for the rest of the circuits.



10 GAUGE	
ITEM #	COLOR
100' ROLLS	
W10BK	BLACK
W10BL	BLUE
W10BR	BROWN
W10GR	GREEN
W10RD	RED
W10WH	WHITE
W10YE	YELLOW

12 GAUGE	
ITEM #	COLOR
100' ROLLS	
W12BK	BLACK
W12BL	BLUE
W12BR	BROWN
W12GR	GREEN
W12GY	GREY
W12RD	RED
W12WH	WHITE
W12YE	YELLOW

14 GAUGE					
ITEM #	COLOR	ITEM #	COLOR	ITEM #	COLOR
100' ROLLS		500' ROLLS		1000' ROLLS	
W14BK	BLACK	W14BK5	BLACK	W14BKM	BLACK
W14BL	BLUE	W14BL5	BLUE		
W14BR	BROWN	W14BR5	BROWN		
W14GR	GREEN	W14GR5	GREEN		
W14GY	GREY				
W14PR	PURPLE				
W14RD	RED	W14RD5	RED		
W14WH	WHITE	W14WH5	WHITE		
W14YE	YELLOW	W14YE5	YELLOW		

16 GAUGE			
ITEM #	COLOR	ITEM #	COLOR
100' ROLLS		1000' ROLLS	
W16BK	BLACK	W16BKM	BLACK
W16BL	BLUE	W16BLM	BLUE
W16BR	BROWN	W16BRM	BROWN
W16GR	GREEN	W16GRM	GREEN
W16GY	GREY	W16GYM	GREY
W16OR	ORANGE	W16ORM	ORANGE
W16RD	RED	W16RDM	RED
W16WH	WHITE	W16WHM	WHITE
W16YE	YELLOW	W16YEM	YELLOW

18 GAUGE	
ITEM #	COLOR
100' ROLLS	
W18BK	BLACK
W18BL	BLUE
W18BR	BROWN
W18GR	GREEN
W18OR	ORANGE
W18RD	RED
W18WH	WHITE
W18YE	YELLOW

MULTI-CONDUCTOR WIRE			
ITEM #	GA.	LEADS	JACKET
W142W	14	2	PLASTIC
W143W	14	3	PLASTIC
W144PW	14	4	BONDED
W144W	14	4	PLASTIC
SOLD BY THE FOOT AVAILABLE IN 100', 250' & 500' ROLLS			



TRAILER CABLE		
ITEM #	CABLE DESCRIPTION	CABLE O.D. (NOMINAL)
WTC4	4-way - 14 gauge	0.420
WTC6	6-way - 14 gauge	0.544
WTC7	7-way - 14 gauge	0.544

- High conductor strand count for excellent flexibility
- Resistant to gasoline, diesel fuel and commonly used chemicals
- Specially formulated materials allow flexibility in temperatures to -85°F (-65°C)
- Specially formulated materials allow flexibility in temperatures to -85°F (-65°C)
- Color coded for compatibility with SAE J560 connectors
- Available in boxed coils, or in continuous lengths on disposable, wooden reels
- Assemblies are also available



SOLD BY THE FOOT
AVAILABLE IN 100' ROLLS

SERVICE CORD			
ITEM #	GAUGE	LEADS	JACKET
WS163	16	3	CHLORINATED POLYETHYLENE (CPE)
SOLD BY THE FOOT - AVAILABLE IN 100' & 250' ROLLS			



To Order Call: 708-447-4500 or Outside Illinois 800-837-8707

LOOM & CLAMPS

Split-Loom is made of a low temperature resistant heavy duty oil and gas resistant polyethelene. Wiring covering can be accomplished much faster as the wire can be installed through the slit without need of fishing wires. Rated to 200° F.

SPLIT LOOM			
ITEM #	INSIDE DIA.	ITEM #	INSIDE DIA.
WPL4	1/4"	WPL12	3/4"
WPL6	3/8"	WPL16	1"
WPL8	1/2"	WPL125	1-1/4"
WPL10	5/8"	WPL200	2"
SOLD BY THE FOOT - AVAILABLE IN 100' ROLLS			



STEEL LOOM & CABLE CLIPS					
ITEM #	TUBING DIA.	QTY	ITEM #	TUBING DIA.	QTY
J2143	1/4" UNIVERSAL	50	J3084	1/4"	100
J1796	1/2" UNIVERSAL	100	J3083	3/8"	100
			J5166	3/4"	50



HEAVY DUTY STEEL TUBING CLAMPS

Zinc Plated, Black Vinyl Coated

ITEM #	TUBING DIA.	THICKNESS	QTY
J2662	1/4"	.032	25
J2663	5/16"	.032	25
J2664	3/8"	.032	25
J2665	1/2"	.040	25
J2666	5/8"	.048	25
J2667	3/4"	.048	25
J2668	7/8"	.048	25
J2669	1"	.048	25
J2670	1-1/4"	.048	25
J2671	1-1/2"	.048	25
JTC200	2"	.048	10
JTC250	2-1/2"	.048	10
JTC300	3"	.048	10



Above clamps have 3/8" bolt hole and are 3/4" in width.

LIGHT DUTY STEEL TUBING CLAMPS

Zinc Plated, Black Vinyl Coated

ITEM #	TUBING DIA.	THICKNESS	QTY
J3168	1/4"	.025	25
J3169	5/16"	.025	25
J3170	3/8"	.025	25
J3171	1/2"	.025	25
J3172	5/8"	.025	25
J3173	3/4"	.025	25



Above clamps have 1/4" bolt hole and are 1/2" in width.

JIFFY TYPE TUBING CLAMP

ITEM #	I.D.	QTY	ITEM #	I.D.	QTY
J3160	1/4"	100	J3164	5/8"	50
J3161	5/16"	100	J3165	3/4"	50
J3162	3/8"	100	J3167	1"	50
J3163	1/2"	100			



Above clamps have 3/16" bolt hole.



ITEM #
LA141

The LA141 Pan Assortment contains the following clamps:

J2662, J2663, J2664, J2665, J2666, J2667, J2668, J2669 & J2670

ALUMINUM TUBING CLAMPS - NEOPRENE COVER

ITEM #	TUBING DIA.	QTY	ITEM #	TUBING DIA.	QTY
J1910	1/4"	25	J1917	1"	25
J1911	5/16"	25	J1918	1-1/8"	25
J1912	3/8"	25	J1919	1-1/4"	25
J1913	1/2"	25	J1920	1-3/8"	25
J1914	5/8"	25	J1921	1-1/2"	25
J1915	3/4"	25	J4297	2"	25
J1916	7/8"	25			



Above clamps have 1/4" bolt hole and are 1/2" in width.

To Order Call: 708-447-4500 or Outside Illinois 800-837-8707



To avoid problems, such as loose connections causing intermittent problems or even worse, causing a fire, it's important to use the proper size wire connectors.

WIRE NUTS			
ITEM #	GAUGE	COLOR	QTY
WNB	22-14	BLUE	100
WNG	22-16	GREY	100
WNO	22-14	ORANGE	100
WNR	18-10	RED	100
WNY	18-12	YELLOW	1
WNA110	ASSORTED	ASSORTED (KIT)	110



BIN368
WIRE SPOOL RACK
(WIRE NOT INCLUDED)



ELECTRICAL TAPE	
ITEM #	DESCRIPTION
MIAE	3/4" X 66' Electrical Tape
MIAE3M	3/4" X 60' Electrical Tape 3M
MIAE33	3/4" X 52' 3M+33 Electrical Tape
CH49412	4oz Liquid Electrical Tape



TROUBLE LIGHT & EXTENSION CORDS	
ITEM #	DESCRIPTION
MIBTL50	50' TROUBLE LIGHT (16-3)
MIBEC25	25' EXTENSION CORD (16-3)
MIBEC50	50' EXTENSION CORD (16-3)
MIBECHD50	50' HEAVY DUTY EXTENSION CORD (16-3)

LIGHT TESTER	
ITEM #	DESCRIPTION
TLT1200	LIGHT TESTER FOR TRAILERS
TLT1200KIT	LIGHT TESTER WITH BATTERY & CHARGER



TOOLS		
		
WIRE STRIPPER/CRIMPER	COMPACT CABLE CUTTER 9" LONG. CUTS COPPER OR ALUMINUM CABLE UP TO 2/0.	HEX CRIMP LEVER STYLE CRIMPING TOOL. 26" LONG, CRIMPS TERMINALS 8 GA. - 6/0
TR35	FT4275	FT4255

FUSES

MINI FUSES

ITEM #	AMPS	COLOR
FUSMIN3	3	VIOLET
FUSMIN4	4	PINK
FUSMIN5	5	TAN
FUSMIN750	7.50	BROWN
FUSMIN10	10	RED
FUSMIN15	15	BLUE
FUSMIN20	20	YELLOW
FUSMIN25	25	CLEAR
FUSMIN30	30	GREEN

QTY: 5 PER PACK

MINI FUSES



ATO FUSES



ATO FUSES

ITEM #	AMPS	COLOR
FUSATO3	3	VIOLET
FUSATO4	4	PINK
FUSATO5	5	TAN
FUSATO750	7.50	BROWN
FUSATO10	10	RED
FUSATO15	15	BLUE
FUSATO20	20	YELLOW
FUSATO25	25	CLEAR
FUSATO30	30	GREEN

QTY: 5 PER PACK

LOW PROFILE MINI FUSES

ITEM #	AMPS	COLOR
FUSMINLP5	5	TAN
FUSMINLP750	7.5	BROWN
FUSMINLP10	10	RED
FUSMINLP15	15	BLUE
FUSMINLP20	20	YELLOW
FUSMINLP25	25	CLEAR
FUSMINLP30	30	GREEN

QTY: 1 PER PACK

LOW PROFILE MINI FUSES



MAXI FUSES

ITEM #	AMPS	COLOR
FUSMAX20	20	YELLOW
FUSMAX30	30	GREEN
FUSMAX40	40	ORANGE
FUSMAX50	50	RED
FUSMAX60	60	PURPLE
FUSMAX70	70	TAN
FUSMAX80	80	CLEAR

QTY: 1 PER PACK

ATC/ATO BLADE TYPE CIRCUIT BREAKERS

ITEM #	AMPS	QTY
FUSCBATC10	10	3
FUSCBATC15	15	3
FUSCBATC20	20	3
FUSCBATC25	25	3
FUSCBATC30	30	3
FOR USE WITH FUSE HOLDERS AND BLOCKS		

ITEM #	AMPS	QTY
FUSCBBLOCK10	10	3
FUSCBBLOCK15	15	3
FUSCBBLOCK20	20	3
FUSCBBLOCK25	25	3
FUSCBBLOCK30	30	3
CAN ONLY BE USED IN FUSE BLOCKS NOT FOR USE WITH FUSE HOLDERS		

ITEM #	AMPS	QTY
FUSCBMIN10	10	3
FUSCBMIN15	15	3
FUSCBMIN20	20	3
FUSCBMIN25	25	3
FOR USE WITH FUSE HOLDERS AND BLOCKS		



ITEM #
LA166

The LA166 Pan Assortment contains the following fuses:

FUSMIN3, FUSMIN4, FUSMIN5, FUSMIN750, FUSMIN10, FUSMIN15, FUSMIN20, FUSMIN25, FUSMIN30, FUSATO3, FUSATO4, FUSATO5, FUSATO750, FUSATO10, FUSATO15, FUSATO20, FUSATO25, FUSATO30, FUSMAX20, FUSMAX30, FUSMAX40, FUSMAX50, FUSMAX60

POWER COILS & CONNECTORS

ITEM #	DESCRIPTION	GAUGE	LENGTH
WT7C	Coil Black	1-12, 6-14	15'
WT7CABS	Coil Green ABS	1-18, 6-10, 4-12	15'
EL3007B	Power Cord Plug		
EL3227	Power Cord Receptacle		

- Excellent coil memory and durability
- Flexible in temperatures to -85°F (-65°C)
- Color-coded for compatibility with SAE J560 connectors
- Resistant to gasoline, diesel fuel and commonly-used chemicals
- Durable, zinc, die-cast plugs are standard



EL3007B



EL3227



To Order Call: 708-447-4500 or Outside Illinois 800-837-8707

FUSE HOLDERS & CABLE TIES

FUSE HOLDERS AND CAPS

ITEM #	DESCRIPTION	QTY
FUSFHA1	Use with ATO® 3, 5, 7.5, 10, 15, and 20 amp fuses. Supplied with two 4" leads of 16 gauge wire.	1
FUSFHA2	Use with ATO® 25 and 30 amp fuses. Supplied with two 4" leads of 16 gauge wire.	5
FUSMINH12	Fuse holder for mini fuse 12GA	5
FUSMINH16	20A 32V Mini fuse holder 16GA 4" lead	20
FUS46026	Cover for mini fuse holders FUSMINH12 / FUSMINH16	20
FUS46033	Sealed fuse holder assembly 12GA 8"	5
FUS46034	Cap for weather resistant ATO fuse holder	20
FUS46058	Cap for weather resistant MINI fuse holder	20

FUSFHA1 & FUSFHA2

(Fuses not included)

FUSMINH12 & 16
(Fuses not included)

FUS46026

FUSMIN46033

Cap

CABLE TIES

Our nylon cable ties are impermeable to weather and UV resistant. They withstand temperatures ranging from -40 to 185 degrees F. They are adjustable and durable.



ITEM #
LA140B

The LA140 Pan Assortment contains the following ties:

NYT224, NYT226,
NYT2211, NYT2214

The LA140B Pan Assortment contains the following ties:

NYT224B, NYT226B,
NYT2211B, NYT2214B



ITEM #
LA140



CABLE TIES PACK QTY: 100

ITEM #	SIZE	COLOR*	LBS**
NYT224	1/8 X 5"	N	40
NYT224B	1/8 X 5"	B	40
NYT226	3/16 X 7-1/2"	N	50
NYT226B	3/16 X 7-1/2"	B	50
NYT226MB	3/16 X 7-1/2" W / MOUNT	B	50
NYT2211	3/16 X 11-1/2"	N	50
NYT2211B	3/16 X 11-1/2"	B	50
NYT2214	5/16 X 14-1/2"	N	120
NYT2214B	5/16 X 14-1/2"	B	120
NYT2214MB	5/16 X 14" W / MOUNT	B	120
NYT2222	5/16 X 22"	B	175
NYT2228B	5/16 X 28"	B	120
NYT2236B	5/16 X 36"	B	175
NYTMBB	MOUNTING BASE	B	
NYTMBW	MOUNTING BASE	N	
NYTHM	HARNESS MOUNT	B	

* N - Natural Color B - Black Color

** LBS - Indicates Tensile Strength

COLORED CABLE TIES

PACK QTY: 100

ITEM #	SIZE	COLOR
NYT1814B	1/8 X 14"	BLACK
NYT21521	3/16 X 7"	BROWN
NYT21522	3/16 X 7"	RED
NYT21523	3/16 X 7"	ORANGE
NYT21524	3/16 X 7"	YELLOW
NYT21525	3/16 X 7"	GREEN
NYT21526	3/16 X 7"	BLUE
NYT21527	3/16 X 7"	PURPLE
NYT21528	3/16 X 7"	GRAY
NYT21532	3/16 X 7"	NEON PINK
NYT21533	3/16 X 7"	NEON ORANGE
NYT21534	3/16 X 7"	NEON YELLOW



ITEM #
LA140A

HEAVY & XTRA HEAVY DUTY CABLE TIES

ITEM #	SIZE	COLOR	QTY	LBS**
NYTR2225B	11/32 X 36" HEAVY DUTY	B	50	175
NYT2215XHD	11/32 X 15" XTRA HEAVY DUTY	B	25	175

** LBS - Indicates Tensile Strength



The LA140A Pan Assortment contains the following ties:

NYT226, NYT226B, NYT21521,
NYT21522, NYT21523, NYT21524,
NYT21525, NYT21526, NYT21527,
NYT21528, NYT21532, NYT21533

Color cable ties are ideal for marking and identifying everything from wire bundles to hydraulic hoses.



To Order Call: 708-447-4500 or Outside Illinois 800-837-8707

BULBS & GROMMETS

MINIATURE BULBS - MADE IN U.S.A.

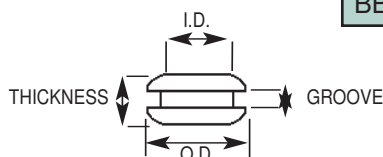


ITEM #	DESCRIPTION	QTY	ITEM #	DESCRIPTION	QTY
BB1141	1141 MINIATURE BULB	10	BB199	1141 MINIATURE BULB	10
BB1156	1156 MINIATURE BULB	10	BB53	53 MINIATURE BULB	10
BB1157	1157 MINIATURE BULB	10	BB57	57 MINIATURE BULB	10
BB1893	1893 MINIATURE BULB	10	BB67	67 MINIATURE BULB	10
BB1895	1893 MINIATURE BULB	10	BBNA1157	1157 AMBER MIN BULB	10
BB2057	2057 MINIATURE BULB	10	BBNA194	194 AMBER MIN BULB	10
BB2357	2357 MINIATURE BULB	10	BBW100	100 WATT ROUGH SERVICE	6
BB194	194 MINIATURE BULB	10	BBW75	75 WATT ROUGH SERVICE	6
BB198	198 MINIATURE BULB	10	BB23731	500 WATT QUARTZ HALOGEN	10



HALOGEN LAMPS

ITEM #	DESCRIPTION	BASE TYPE
BBH9004	AUTO HEADLAMP	AXIAL PREFOCUS
BBH9006	AUTO HEADLAMP	RIGHT ANGLE PREFOCUS



RUBBER GROMMETS

PACK QTY: 25

ITEM #	ID	OD	THICKNESS	GROOVE
GRO3015	5/16"	5/8"	1/4"	
GRO3080	5/8"	1-1/8"	5/16"	
GR03081	3/16"	7/16"	7/32"	
GRO3121	1-1/2"	2-1/8"	1/4"	
GRO3185	1/4"	9/16"	1/4"	
GRO3253	1/2"	13/16"	9/32"	
GRO5194	1"	1-3/8"	1-3/4"	
GRODC5102	1/8"	11/32"	11/32"	3/16"
GRODC5108	5/16"	9/16"	7/16"	3/16"
GRODC5112	3/8"	5/8"	1/2"	1/4"
GRODC5150	3/16"	7/16"	5/16"	1/4"
GRODC5158	1/2"	1"	3/4"	5/16"
GRODC5160	5/8"	1-1/8"	7/8"	3/8"
GRODC5166	7/8"	1-5/8"	1-1/4"	1/2"
GRODC5168	1"	1-3/4"	1-3/8"	1/2"
GRODC5180	1/4"	5/8"	7/16"	5/16"
GRODC5192	3/4"	1-3/8"	1-1/16"	9/16"
GRODC5194	1"	1-3/4"	1-3/8"	5/8"



FLASHERS

ITEM #	DESCRIPTION
BBF550	550 - 3 PRONG
BBF552	552 - 2 PRONG
BBF850X	850X - 3 PRONG ELECTRONIC
BBF852X	852X - 2 PRONG ELECTRONIC



ITEM # LA156

The LA156 Pan Assortment contains the following:

GRODC5102, GRODC5108,
GRODC5112, GRODC5150,
GRODC5158, GRODC5160,
GRODC5166, GRODC5168,
GRODC5180, GRODC5192,
GRODC5194

To Order Call: 708-447-4500 or Outside Illinois 800-837-8707

BATTERY CABLE & LUGS

BATTERY CABLE

ITEM #	GAUGE	OUTER DIA.	COLOR	ITEM #	GAUGE	OUTER DIA.	COLOR
WB6B	6	.305	BLACK	WB6R	6	.305	RED
WB4B	4	.346	BLACK	WB4R	4	.346	RED
WB2B	2	.445	BLACK	WB2R	2	.445	RED
WB10B	1/0	.514	BLACK	WB10R	1/0	.514	RED
WB20B	2/0	.582	BLACK	WB20R	2/0	.582	RED
WB30B	3/0	.662	BLACK	WB30R	3/0	.662	RED
WB40B	4/0	.740	BLACK	WB40R	4/0	.740	RED

SOLD BY THE FOOT - AVAILABLE IN 25' ROLLS



MAGNA LUGS

QTY. 10

ITEM #	GAUGE	STUD	ITEM #	GAUGE	STUD
FTML1238	1-2	3/8	FTML1212	1-2	1/2
FTML12516	1-2	5/16	FTML10012	1/0	1/2
FTML10038	1/0	3/8	FTML20012	2/0	1/2
FTML20038	2/0	3/8	FTML30012	3/0	1/2
FTML30038	3/0	3/8	FTML40012	4/0	1/2
FTML40038	4/0	3/8			



MAGNA SPLICE LUGS

ITEM #	GAUGE	QTY
FTMS100	1/0	10
FTMS200	2/0	10
FTMS300	3/0	10
FTMS400	4/0	10



ITEM # LA111

The LA111 Pan Assortment contains the following:

FTMS200, FTMS300,
FTML20038, FTML20012, FTML30038,
FTML30012, FTML40038, FTML40012,
J3263, J3264, J3265, J32366

BATTERY BOLTS

ITEM #	DESCRIPTION	QTY
MIB512	5/16 - 18 X 12" BATTERY HOLD DOWN BOLTS	1
J861	5/16 - 18 X 1-3/8" BATTERY BOLTS (PACKAGED WITH PLATED SHOULDER NUTS)	50



90° RIGHT ANGLE BATTERY LUGS

PACK QTY: 6

ITEM #	GAUGE	TYPE	ITEM #	GAUGE	TYPE
FTFBA10P	1/0	POSITIVE	FTFBA10N	1/0	NEGATIVE
FTFBA20P	2/0	POSITIVE	FTFBA20N	2/0	NEGATIVE
FTFBA30P	3/0	POSITIVE	FTFBA30N	3/0	NEGATIVE



RIGHT ANGLE
TYPE



BATTERY STUD NUTS

ITEM #	DESCRIPTION	QTY
FT3750	UNIVERSAL/STAINLESS STEEL	1
FTFBCU	UNIVERSAL STYLE	6



PARALLEL BATTERY LUGS

ITEM #	GAUGE	TYPE	QTY
FTBTL8	8	LEAD	10
FTBTB8	8	COPPER	10



To Order Call: 708-447-4500 or Outside Illinois 800-837-8707

BATTERY LUGS

RIGHT ELBOW BATTERY LUGS

PACK QTY: 10

ITEM #	GAUGE	TYPE	ITEM #	GAUGE	TYPE
FTFRE4U	4	UNIVERSAL	FTFRE10N	1/0	NEGATIVE
FTFRE10P	1/0	POSITIVE	FTFRE20N	2/0	NEGATIVE
FTFRE20P	2/0	POSITIVE	FTFRE30N	3/0	NEGATIVE
FTFRE30P	3/0	POSITIVE	FTFRE40N	4/0	NEGATIVE
FTFRE40P	4/0	POSITIVE			



RIGHT ELBOW



ITEM # LA133

The LA133 Pan Assortment contains the following items:

FTFBT20P, FTFBT20N, FTFRE20P, FTFRE20N, FTFLE20P, FTFLE20N, FTFBA20N, FTBA20P, FTFHS81SB, FTFHS81R, FTFBCU



LEFT ELBOW

LEFT ELBOW BATTERY LUGS

PACK QTY: 10

ITEM #	GAUGE	TYPE	ITEM #	GAUGE	TYPE
FTFRE4U	4	UNIVERSAL	FTFLE10N	1/0	NEGATIVE
FTFLE10P	1/0	POSITIVE	FTFLE20N	2/0	NEGATIVE
FTFLE20P	2/0	POSITIVE	FTFLE30N	3/0	NEGATIVE
FTFLE30P	3/0	POSITIVE	FTFLE40N	4/0	NEGATIVE
FTFLE40P	4/0	POSITIVE			

POST TYPE BATTERY LUGS

PACK QTY: 6

ITEM #	GAUGE	TYPE	ITEM #	GAUGE	TYPE
FTFBT4U		UNIVERSAL	FTFBT12P		POSITIVE
FTFBT12N		NEGATIVE	FTFBT10N	1/0	NEGATIVE
FTFBT10P	1/0	POSITIVE	FTFBT20N	2/0	NEGATIVE
FTFBT20P	2/0	POSITIVE	FTFBT30N	3/0	NEGATIVE
FTFBT30P	3/0	POSITIVE	FTFBT40N	4/0	NEGATIVE
FTFBT40P	4/0	POSITIVE			



POST TYPE

STACKABLE & RETRO-FIT BATTERY LUGS

PACK QTY: 6

STACKABLE			RETRO-FIT		
ITEM #	GAUGE	BARREL	ITEM #	GAUGE	BARREL
FTST1	1-2	DOUBLE	FTRF1	1-2	SINGLE
FTST10	1/0	DOUBLE	FTRF4	4	SINGLE
FTRF10	1/0	SINGLE	FTRF10	1/0	SINGLE
FTST30	3/0	DOUBLE	FTRF20	2/0	SINGLE
FTST40	4/0	DOUBLE	FTRF30	3/0	SINGLE
			FTRF20	2/0	SINGLE
FTRF5	EMERGENCY SIDE POST MOUNT				



DOUBLE BARREL



SINGLE BARREL

Retro-fit (Top Mount and Side Mount)
Retrofit for nonstacking top mount and side mount batteries and **stackable** for stacking top mount battery applications.

COPPER NON INSULATED BATTERY CABLE LUGS

PACK QTY: 10

CAN BE CRIMPED OR SOLDERED

ITEM #	GAUGE	STUD SIZE	ITEM #	GAUGE	STUD SIZE	ITEM #	GAUGE	STUD SIZE
J4852	#1	3/8"	T36072	#6	5/16"	J3366	2/0	1/2"
T36011	#1	5/16"	T36073	#6	3/8"	J4854	3/0	3/8"
J3364	#2	3/8"	J4853	1/0	3/8"	J4855	3/0	1/2"
T36061	#4	1/4"	T36021	1/0	5/16"	J4856	4/0	3/8"
T36062	#4	5/16"	T36023	1/0	1/2"	J4857	4/0	1/2"
T36063	#4	3/8"	T36031	2/0	5/16"			
T36071	#6	1/4"	J3365	2/0	3/8"			



To Order Call: 708-447-4500 or Outside Illinois 800-837-8707

MISCELLANEOUS

ELECTRICAL CHEMICALS

TO AVOID PROBLEMS, BE SURE TO CLEAN AND PROTECT CONNECTIONS.
USE DIELECTRIC GREASE TO FORM A MOISTURE PROOF AND
CORROSION FREE CONNECTION.



ELECTRICAL CHEMICALS

ITEM #	DESCRIPTION
CHS283	BATTERY TERMINAL CLEANER
CHS284	BATTERY TERMINAL COATING
CHPBCC	PB BLASTER CONTACT CLEANER
CH52145	ELECTRICAL PARTS CLEANER
CH1520	ELECTRICAL MOTOR CLEANER
CH49638	DIELECTRIC GREASE

BATTERIES



ALL BATTERIES
ARE PACKAGED IN
CLEAR BLISTER
BOXES

DURACELL BATTERIES

ITEM #	DESCRIPTION	PACK QTY
BBDAAA	AAA BATTERY PACK	8
BBDAA	AA BATTERY PACK	8
BBDC	C BATTERY PACK	6
BBDD	D BATTERY PACK	4
BBD9V	9 VOLT BATTERIES	4



SOLDERLESS NON INSULATED TERMINALS - BUTT & RING CONNECTORS



ITEM #	GAUGE	QTY
J3042	22-16	
J3044	16-14	100
J3046	12-10	25

ITEM #	GAUGE	STUD SIZE	QTY
J3261	#8	12-1/4"	25
J3262	#8	5/16-3/8"	25
J3263	#8	7/16-1/2"	25



ITEM #	GAUGE	STUD SIZE	QTY
J3264	#6	12-1/4"	25
J3266	#6	7/16-1/2"	25
J4429	1/0	5/16-3/8"	10

ITEM #	GAUGE	STUD SIZE	QTY
J4430	1/0	3/8-1/2"	10
J4431	1/0	5/16-3/8"	10
J4434	3/0	3/8-1/2"	10



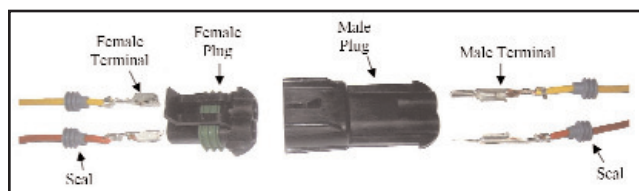
To Order Call: 708-447-4500 or Outside Illinois 800-837-8707

WEATHER PACK

Terminals are designed to mate with appropriate seals. The female connector, also referred to as a tower connector, and the male connector, also referred to as a shroud connector, lock together with dual-lock tangs to secure terminals firmly into the connector housing, and ensure strong electrical conductivity.

Weather Pack cable seals are made of a self lubricating silicone and are multi ribbed to prevent moisture and other contaminants from entering the connector and causing terminal corrosion. The seal is placed on the wire and then the terminal is crimped to the seal.

The Weather Pack connectors are available in 1, 2, 3, and 5 contact housings.



MALE PLUGS

QUANTITY - 1

ITEM #	DESCRIPTION
T12065171WP	1 POLE
T15300002WP	2 POLE
T12089147WP	3 POLE
T12186400WP	5 POLE

FEMALE PLUGS

QUANTITY - 1

ITEM #	DESCRIPTION
T12065172WP	1 POLE
T15300027WP	2 POLE
T12040977WP	3 POLE
T12084891WP	5 POLE



TPA SECONDARY LOCKS

ITEM #	POLE/TYPE	COLOR
T12065249WP	1 FEMALE	BLACK
T15300014WP	2 FEMALE	BLUE
T12034145WP	3 FEMALE	BLACK
T15324857WP	5 FEMALE	BLACK
T15300015WP	3 MALE	NATURAL
T12084673WP	5 MALE	BLACK

MALE TERMINALS

QUANTITY - 1

ITEM #	DESCRIPTION
T12048254WP	12 GAUGE
T12129497WP	14-12 GAUGE
T12124582WP	16-14 GAUGE
T12048159WP	18-16 GAUGE

FEMALE TERMINALS

QUANTITY - 1

ITEM #	DESCRIPTION
T12124581WP	12 GAUGE
T12129493WP	14-12 GAUGE
T12124580WP	16-14 GAUGE
T12077411WP	18-16 GAUGE



SEALS, PLUGS & SHROUDS

ITEM #	DESCRIPTION
T12015193WP	SEAL FOR 12 GA WIRE
T12015323WP	SEAL FOR 16-14 GA WIRE
T12010293WP	SEAL FOR 18 GA WIRE
T12010300WP	CAVITY PLUG
T39016	CAVITY PLUG FOR 20-16 GA WIRE
T12010996WP	SHROUD FOR 1 POLE CONNECTOR
T12010973WP	SHROUD FOR 2 POLE CONNECTOR

CRIMPING TOOLS

ITEM #	DESCRIPTION
T464WP	CRIMP HAND TOOL
A20751	CRIMP TOOL
T533	ECONOMY CRIMPING TOOL
T422WP	TERMINAL REMOVAL TOOL



A20751



T533



T422WP



ITEM #
LA148

The LA148 Pan Assortment contains the following items:

T12065172WP, T15300027WP, T12040977WP, T12084891WP, T12065171WP, T15300002WP, T12089147WP, T12186400WP, T12065249WP, T15300014WP, T12034145WP, T15324857WP, T15300015WP, T12084673WP, T12077413WP, T12129493WP, T12077411WP, T12048254WP, T12129497WP, T12048159WP, T12015193WP, T12015323WP, T12010293WP, T12010300WP

To Order Call: 708-447-4500 or Outside Illinois 800-837-8707



DEUTSCH AT SERIES FITTINGS

All AT Series plugs, receptacles and wedges are made from a thermoplastic material for durability and UV resistance. Available in 2, 3, 4, 6, 8 & 12 way configurations.

CONTACTS QTY - 1	
ITEM #	DESCRIPTION
TAT6021516141	16-14 GAUGE RECEPTACLE PIN CONTACT
TAT6220916141	16-14 GAUGE PLUG SOCKET CONTACT



PIN CONTACT



SOCKET CONTACT

PLUG WEDGES QUANTITY - 1	
ITEM #	DESCRIPTION
TDW2S	2 WAY
TDW3S	3 WAY
TDW4S	4 WAY
TDW6S	6 WAY
TDW8S	8 WAY
TDW12S	12 WAY



8 WAY SHOWN

Considered to be the male sealed connector end, each plug includes a silicone elastomer wire seal and front housing seal.

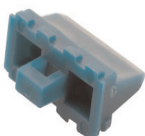
Plug wedges are a necessary component in aligning the socket contacts into proper position within the plug. One wedge is required per plug.

PLUGS QUANTITY - 1	
ITEM #	DESCRIPTION
TDT062S	2 WAY
TDT063S	3 WAY
TDT064S	4 WAY
TDT066S	6 WAY
TDT068S	8 WAY
TDT0612S	12 WAY



8 WAY SHOWN

RECEPTACLE WEDGES QUANTITY - 1	
ITEM #	DESCRIPTION
TDW2P	2 WAY
TDW3P	3 WAY
TDW4P	4 WAY
TDW6P	6 WAY
TDW8P	8 WAY
TDW12P	12 WAY



8 WAY SHOWN

Considered to be the female sealed connector end, each receptacle includes a silicone elastomer wire seal.

Receptacle wedges are a necessary component in aligning the pin contacts into proper position within the receptacle. One wedge is required per receptacle.

RECEPTACLES QUANTITY - 1	
ITEM #	DESCRIPTION
TDT042P	2 WAY
TDT043P	3 WAY
TDT044P	4 WAY
TDT046P	6 WAY
TDT048P	8 WAY
TDT0412P	12 WAY



8 WAY SHOWN

The LA185 Pan Assortment contains the following items:

TAT6021516141, TAT6220916141,
TDT042P, TDT043P, TDT044P,
TDT046P, TDT048P, TDT0412P,
TDT062S, TDT063S, TDT064S,
TDT066S, TDT068S, TDT0612S,
TDW2P, TDW3P, TDW4P,
TDW6P, TDW8P, TDW12P,
TDW2S, TDW3S, TDW4S,
TDW6S, TDW8S, TDW12S



ITEM #
LA185



To Order Call: 708-447-4500 or Outside Illinois 800-837-8707

HEAT SHRINK TUBING



ITEM # LA139

The LA139 Pan Assortment contains the following items:

FTZAMP14, FTFHS1416S, FTZAMP12,
FTFHS81SB, FTFH81SR,
FTFHS240SR, FTFHS240SB

- 3:1 shrink ratio lined with a thick layer of a unique, dual-purpose sealant/adhesive, providing excellent environmental sealing and adhesion to cable jackets.
- Abrasion resistant. Excellent chemical-resistant properties.
- Rated for continuous use up to 600 volts at 194° F (90° C).
- Meets UL 486D, CSA C22.2 #198.2, ANSI C1191.1 and Western Underground - Guide #s 2.4 & 2.5.



HEAVY WALL SHRINK TUBING								
ITEM #	NOMINAL I.D. SIZE	COLOR	WIRE SIZE	EXPANDED I.D. (MIN)	RECOVERED I.D. (MAX)	RECOVERED WALL	QTY	LENGTH
FTFHS81SRH	3/4"	RED	6-2 GA	0.750	0.240	0.090	5	6"
FTFHS81SBH	3/4"	BLACK	6-2 GA	0.750	0.240	0.090	5	6"
FTFHS240RH	1"	RED	1GA - 3/0	1.100	0.035	0.120	5	6"
FTFHS240BH	1"	BLACK	1GA - 3/0	1.100	0.035	0.120	5	6"
MEDIUM WALL SHRINK TUBING								
FTZAMP01	1/8"	BLACK		0.125	0.062	0.020	10	12"
FTZAMP03	3/16"	BLACK	20-12 GA	0.187	0.093	0.020	10	12"
FTZAMP04	1/4"	BLACK	18-14 GA	0.250	0.125	0.025	10	12"
FTST146R	1/4"	RED	18-14 GA	0.250	0.079	0.039	5	6"
FTST146B	1/4"	BLACK	18-14 GA	0.250	0.079	0.039	5	6"
FTST386R	3/8"	RED	18-8 GA	0.375	0.118	0.135	5	6"
FTST386B	3/8"	BLACK	18-8 GA	0.375	0.118	0.135	5	6"
FTST126R	1/2"	RED	8-2 GA	0.500	0.157	0.090	5	6"
FTST126B	1/2"	BLACK	8-2 GA	0.500	0.157	0.090	5	6"
DUAL WALL SHRINK TUBING								
FTZAMP316	3/16"	CLEAR	20-12 GA	0.189	0.063	0.039	10	12"
FTZAMP14	1/4"	CLEAR	16-10 GA	0.252	0.079	0.039	10	12"
FTFHS1416S	3/8"	CLEAR	12-8 GA	0.374	0.118	0.055	10	12"
FTZAMP12	1/2"	BLACK	8-4 GA	0.500	0.157	0.069	10	12"
FTFHS81SR	3/4"	RED	4 - 2/0	0.752	0.236	0.079	5	6"
FTFHS81SB	3/4"	BLACK	4 - 2/0	0.752	0.236	0.079	5	6"
FTFHS240SR	1"	RED	1 - 4/0	1.000	0.315	0.098	5	6"
FTFHS240S	1"	BLACK	1 - 4/0	1.000	0.315	0.098	5	6"

- This low-cost, convenient heat gun is perfect for use in shrinking single-wall or dual-wall tubing
- 120 Volts AC. Two temperature settings (750°F and 1100°F)
- No cool down time required. Fold-down stand for hands free operation.



FT2000



Powerful 2500 degree blue torch flame with flame adjustment dial and quick ignition button on the side provide quick and precise control. Ideal for all your light repair shop needs.

BLZTORCH



BLZBUTANE 150 grams of premium blend butane.

To Order Call: 708-447-4500 or Outside Illinois 800-837-8707



INSULATED TERMINALS



The LA110 Pan Assortment contains the following items:

J3283, T24102, T24104, T24106, T24107, T24109, T24112, T24113, T24114, T24115, T24119, T24124, T24126, T24127, T24128, T24130, T24131, T24149, T24150, T24151, T24152, T24153, T30491, T4285

**ITEM # LA110
VINYL TERMINAL
ASSORTMENT**

STUD HOLE CHART

Actual Size Stud Hole Gauge

	6	8	10	1/4	5/16	3/8	1/2
Stud Size	6	8	10	1/4	5/16	3/8	1/2
Hole Diam. - in	.143	.169	.196	.262	.323	.388	.516
Hole Diam. - mm	3.3632	4.292	4.978	6.655	8.204	9.855	13.106

RING TONGUES

VINYL N = NYLON HS = HEAT SHRINK SHS = SOLDER HEAT SHRINK PS = PERMA-SEAL



#22-18 WIRE GAUGE

ITEM #	STUD SIZE	QTY
T24101	8	100
T24101SHS	8	50
T24102	10	100
T24102N	10	100
T24102HS	10	50
T24102SHS	10	25
T24103	1/4"	100
T24103N	1/4"	100
T30505	5/16"	100

#16-14 WIRE GAUGE

ITEM #	STUD SIZE	QTY
T24104	6	100
T24104N	6	100
T24104HS	6	50
T24104SHS	6	25
T24106N	10	100
T24106HS	10	50
T24106SHS	10	25
T24107	1/4"	100
T24107N	1/4"	100
T24107HS	1/4"	50
T24107SHS	1/4"	25
T24108	5/16"	100
T24108HS	5/16"	50
T24109	3/8"	100
T24109N	3/8"	100
T24109HS	3/8"	50
T24109SHS	3/8"	25

12-10 WIRE GAUGE

ITEM #	STUD SIZE	QTY
T24111	#8	50
T24112	#10	50
T24112N	#10	50
T24112HS	#10	25
T24112SHS	#10	25
T24113	1/4"	50
T24113N	1/4"	50
T24113HS	1/4"	25
T24113SHS	1/4"	25
T24114	5/16"	50
T24114N	5/16"	50
T24114HS	5/16"	50
T24115	3/8"	50
T24115N	3/8"	50
T24115HS	3/8"	25
T24115SHS	3/8"	25
T24151	1/2"	50
T24151N	1/2"	50
T24151HS	1/2"	25
T24151SHS	1/2"	25

Connections are the weakest link in the electrical system primarily due to corrosion and incorrectly sized or poorly installed connectors so...

**DO IT ONCE
AND
DO IT RIGHT!**



To Order Call: 708-447-4500 or Outside Illinois 800-837-8707

INSULATED TERMINALS

FORK TONGUES

VINYL N = NYLON HS = HEAT SHRINK SHS = SOLDER HEAT SHRINK PS = PERMA-SEAL



#22-18 WIRE GAUGE		
ITEM #	STUD SIZE	QTY
T24116	8	100
T24116N	10	100
T24116HS	10	25



#16-14 WIRE GAUGE		
ITEM #	STUD SIZE	QTY
T31554	8	100
T24119	10	100
T24119N	10	100
T24119HS	10	50
T24119SHS	10	50



#12-10 WIRE GAUGE		
ITEM #	STUD SIZE	QTY
T24121	8	50
T24122	10	50
T24122N	10	50
T24122HS	10	25
T24122SHS	10	25

HOOK TERMINALS

VINYL N = NYLON HS = HEAT SHRINK SHS = SOLDER HEAT SHRINK PS = PERMA-SEAL



#22-18 WIRE GAUGE		
ITEM #	STUD SIZE	QTY
T24123	8	100



#16-14 WIRE GAUGE		
ITEM #	STUD SIZE	QTY
T24124	8-10	100



#12-10 WIRE GAUGE		
ITEM #	STUD SIZE	QTY
T24125	8-10	50

INSULATED BUTT CONNECTORS

#22-18 GAUGE		#16-14 GAUGE		#12-10 GAUGE	
ITEM#	QTY	ITEM#	QTY	ITEM#	QTY
T24128	100	T24130	100	T24131	50
T24128N	100	T24130N	100	T24131N	50
T24128HS	50	T24130HS	50	T24131HS	50
T24128SHS	50	T24130SHS	50	T24131SHS	25
T24128PS	25	T24130PS	50	T24131PS	25
T30771S	20	T31771S	20	T32771S	10
4 GAUGE	QTY	6 GAUGE	QTY	8 GAUGE	QTY
T20626	1	T20625	1	T20624	1
				T33980(PERMA SEAL)	5

STEP DOWN BUTT CONNECTORS

#22-18 to #16-14		#16-14 to #12-10	
ITEM #	QTY	ITEM #	QTY
T24128SDPS	25	T24130SDPS	25

The LA110HS Pan Assortment contains the following items:

T24102HS, T24104HS, T24106HS, T24107HS, T24109HS, T24112HS, T24113HS, T24115HS, T24119HS, T24126HS, T24127HS, T24128HS, T24130HS, T24131HS, T24149HS, T24151HS, T24152HS, T24153HS, T4285HS

ITEM # LA110HS

HEAT SHRINK ASSORTMENT

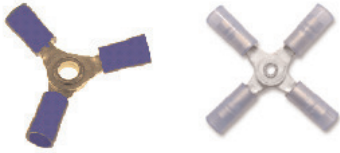


To Order Call: 708-447-4500 or Outside Illinois 800-837-8707



INSULATED TERMINALS

MULTIPLE CONNECTION TERMINALS



#16-14 WIRE GAUGE

ITEM #	DESCRIPTION	QTY
T30491	3 WAY	25
T30440	4 WAY	25



#12-10 WIRE GAUGE

ITEM #	DESCRIPTION	QTY
T30492	3 WAY	25

A sealed electrical system is vital to optimum vehicle operation. Clean connections perform best and provide the best possible electrical connection and protect against corrosion.

QUICK DISCONNECTS

VINYL N = NYLON HS = HEAT SHRINK SHS = SOLDER HEAT SHRINK PS = PERMA-SEAL



#22-18 MALE

ITEM #	DESCRIPTION	QTY
T30510	.25 X .032	100



#22-18 FEMALE

ITEM #	DESCRIPTION	QTY
T30511	.25 X .032	100
T30516	.187 X .020	50



#22-18 MALE

ITEM #	DESCRIPTION	QTY
T30512	.25	50
T30550	.187	50



#22-18 FEMALE

ITEM #	DESCRIPTION	QTY
T30513	.250 X .032	50
T30518	.187 X .20	50

#16-14 - MALE

ITEM #	TAB WIDTH	QTY
T24126	.25	100
T24126N	.25	100
T24126HS	.25	50
T24126SHS	.25	25
T31772PS	.25	20



#16-14 - FEMALE

ITEM #	TAB WIDTH	QTY
T24127	.25	100
T24127N	.25	100
T24127HS	.25	50
T24127SHS	.25	25
T31773PS	.25	20



#16-14 - MALE

ITEM #	TAB WIDTH	QTY
T31512	.25	100
T31550	.187 X .020	50



#16-14 - FEMALE

ITEM #	TAB WIDTH	QTY
T31513	.25	100
T31518	.187 X .020	50



#12-10 - MALE

ITEM #	TAB WIDTH	QTY
T24152	.25	100
T24152N	.25	100
T24152HS	.25	25



#12-10 - FEMALE

ITEM #	TAB WIDTH	QTY
T24153	.25	100
T24153N	.25	100
T24153HS	.25	25



#12-10 - MALE

ITEM #	TAB WIDTH	QTY
T32514	.25	25



#12-10 - FEMALE

ITEM #	TAB WIDTH	QTY
T32515	.25	25



To Order Call: 708-447-4500 or Outside Illinois 800-837-8707

TERMINALS

MISCELLANEOUS TERMINALS



#16-14 FEMALE FLAG

ITEM #	DESCRIPTION	QTY
T31535	.25 NYLON	50



#16-14 - MALE BULLET

ITEM #	DESCRIPTION	QTY
T24149	.157 VINYL	100
T24149HS	.157 HEAT SHRINK	50



#16-14 - FEMALE BULLET

ITEM #	DESCRIPTION	QTY
T4285	.157 VINYL	50
T4285HS	.157 HEAT SHRINK	25



#16-14 - MALE/FEMALE

ITEM #	DESCRIPTION	QTY
T31717	.25 NYLON	25
T31517	.25 VINYL	25
T40663HS	.25 Heat Shrink	25



#18-14 - QUICK SPLICE PIGTAIL

ITEM #	DESCRIPTION	QTY
T37041	SEALANT FILLED	25



#18-14 - QUICK SPLICE

ITEM #	DESCRIPTION	QTY
T24150	QUICK SPLICE	25



#22-18 FEMALE FLAG

ITEM #	DESCRIPTION	QTY
T30535	.25 NYLON	50



NYLON CLOSED END

ITEM #	DESCRIPTION	QTY
T24143	22-14	50
T24144	12-10	50

To Order Call: 708-447-4500 or Outside Illinois 800-837-8707