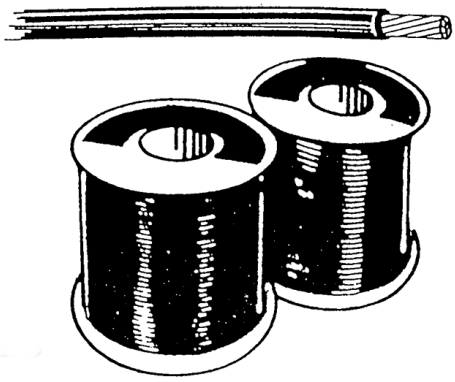
WIRE

GENERAL PURPOSE PRIMARY WIRE

- **Plastic insulated primary wire is standard for original equipment and replacement on all equipment.**
- **Because of its smooth surface it is ideal for pulling through loom or conduit.**
- **Thermoplastic insulation operates satisfactorily between the extreme temperatures of -30F and +176F.**
- **It is highly resistant to grease, oil, and acids and is available in bright colors for easy identification.**
- **For use on 60 volts or less. Meets SAE J1128 specifications. RoHS compliant.**



100 FOOT ROLLS

COLOR	8 GA	10 GA	12 GA	14 GA	16 GA	18 GA	20 GA
BLUE		22543	22550	22557	22564	22571	22600
YELLOW		22544	22551	22558	22565	22572	22601
RED	22599	22549	22556	22563	22570	22577	22602
BLACK	22598	22545	22552	22559	22566	22573	22603
GREEN		22546	22553	22560	22567	22574	22604
WHITE		22547	22554	22561	22568	22575	22605
BROWN		22548	22555	22562	22569	22576	22606
ORANGE				22584	22588		
PURPLE				22585*	22589*		

***** Purple wire rated at 221F.

WIRE STORAGE RACK - PAGE 2006

1000 FOOT ROLLS

COLOR	8 GA	10 GA	12 GA	14 GA	16 GA	18 GA
BLUE				40920		
YELLOW				40921		
BLACK				40922	39356	
GREEN				40923		
WHITE				40924		
BROWN				40925		
RED				40926	39360	

WIRE TERMINALS

NYLON SOLDERLESS TERMINALS

Nylon Insulated Support Sleeve

22-18 Wire Range (Red)

- **Reinforced butted seam with funnel entry.**
- **Vibration resistant with high temperature range.**

J&B #	QTY	STUD SIZE	
21888	50	4-6	
21889	50	4-6	
41240 21891	100 50	8-10 8-10	
21897	25	8-10	
21895	25	4-6	
21900 21901	25 25	4-6 8-10	
41244 21903	100 50	BUTT BUTT	
24763 39183	50 25	F-QUICK 3/16 1/4	
24764 39184	50 25	M-QUICK 3/16 1/4	
45708	25	16-14 to 22-18 STEP DOWN	

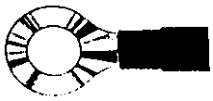
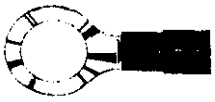
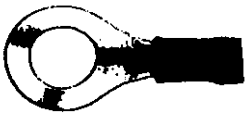
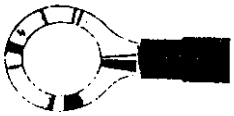
WIRE TERMINALS

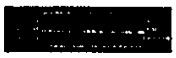
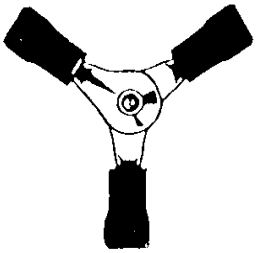
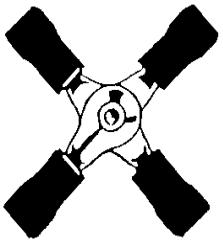
NYLON SOLDERLESS TERMINALS

Nylon Insulated Support Sleeve

16-14 Wire Range (Blue)

- **Reinforced butted seam with funnel entry.**
- **Vibration resistant with high temperature range.**

J&B #	QTY	STUD SIZE	
21906	50	4-6	
21907	50	4-6	
21908	50	6-8	
41250	100	8-10	
21909	50	8-10	
41251	100	12-1/4	
21910	25	12-1/4	
41252	100	1/4-5/16	
21911	25	1/4-5/16	
21905	25	1/4-5/16	
21912	25	5/16-3/8	
21913	25	4-6	
41256	100	8-10	
21915	25	8-10	
21916	25	4-6	
21920	25	4-6	
41258	100	8-10	
21917	25	8-10	
45708	25	16-14 to 22-18 STEP DOWN	

J&B #	QTY	STUD SIZE	
21918	25	4-6	
21919	25	8-10	
41260	100	BUTT	
21921	50	BUTT	
41264	100	1/4	
21952	25	1/4	
41265	100	1/4	
21950	25	1/4	
24766	50	F-QUICK 3/16	
41268	100	1/4	
22291	25	1/4	
24767	50	M-QUICK 3/16	
41269	100	1/4	
22290	25	1/4	
21922	10	3-WAY	
21923	5	4-WAY	
45709	25	12-10 to 16-14 STEP DOWN	

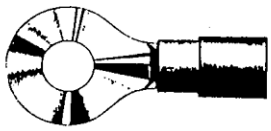
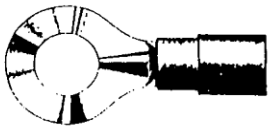
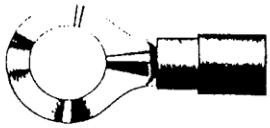
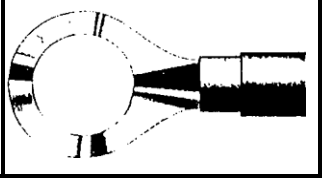
WIRE TERMINALS

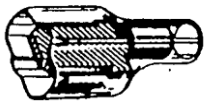
NYLON SOLDERLESS TERMINALS

Nylon Insulated Support Sleeve

12-10 Wire Range (Yellow)

- **Reinforced butted seam with funnel entry.**
- **Vibration resistant with high temperature range.**

J&B #	QTY	STUD SIZE	
21924	25	4-6	
21925	25	4-6	
21926	25	6-8	
21927	25	6-8	
41274 21928	100 25	8-10 8-10	
41275 21929	100 25	12-1/4 12-1/4	
21930	25	1/4-5/16	
21931	25	1/4-5/16	
21932	20	5/16-3/8	
21934	10	7/16-1/2	

J&B #	QTY	STUD SIZE	
21939	25	4-6	
21940	25	8-10	
41280 21942	100 25	BUTT BUTT	
21935	25	4-6	
21936	25	8-10	
21937	25	4-6	
21938	25	8-10	
41284 39185	100 25	F-QUICK F-QUICK	
41285 39186	100 25	M-QUICK M-QUICK	
21953	25	1/4	
21951	25	1/4	
45709	25	12-10 to 16-14 STEP DOWN	

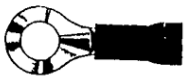
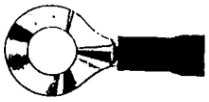
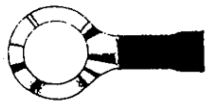
WIRE TERMINALS

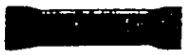
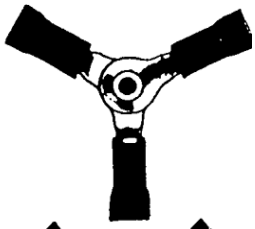
P.V.C. PLASTIC SOLDERLESS TERMINALS

P.V.C. Plastic Insulating Sleeve

22-18 Wire Range (Red)

- **Butted seam with funnel entry.**

J&B #	QTY	STUD SIZE	
20692	50	4-6	
20693	50	4-6	
24727 20694	100 50	8-10 8-10	
20691	50	12-1/4	
20704	25	5/16	
20624	25	4-6	
20625	25	8-10	
20714	25	4-6	
20715	25	8-10	

J&B #	QTY	STUD SIZE	
20719	25	4-6	
20720	25	8-10	
24746 20735	100 50	BUTT BUTT	
20730	25	1/4	
20729	25	1/4	
21836	10	3-WAY	
21837	5	4-WAY	

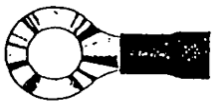
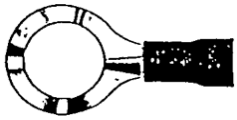
WIRE TERMINALS

P.V.C. PLASTIC SOLDERLESS TERMINALS

P.V.C. Plastic Insulating Sleeve

16-14 Wire Range (Blue)

- **Butted seam with funnel entry.**

J&B #	QTY	STUD SIZE	
20695	50	4-6	
20696	50	4-6	
24730 20697	100 50	8-10 8-10	
24731 20698	100 25	12-1/4 12-1/4	
20705	25	3/8	
20626	25	4-6	
24740 20627	100 25	8-10 8-10	
20716	25	4-6	
20717	25	8-10	
20721	25	4-6	

J&B #	QTY	STUD SIZE	
20722	25	8-10	
24747 20736	100 50	BUTT BUTT	
20733	25	3/16	
20734	25	3/16	
24756 20727	100 25	1/4 1/4	
24757 20728	100 25	1/4 1/4	
21838	10	3-WAY	
21839	5	4-WAY	

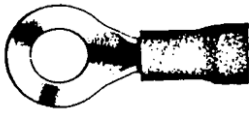
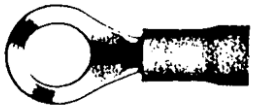
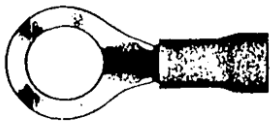
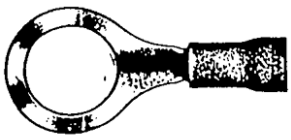
WIRE TERMINALS

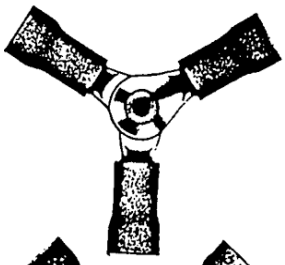
P.V.C. PLASTIC SOLDERLESS TERMINALS

P.V.C. Plastic Insulating Sleeve

12-10 Wire Range (Yellow)

- **Butted seam with funnel entry.**

J&B #	QTY	STUD SIZE	
20706	25	4-6	
24732	100	8-10	
20699	25	8-10	
24733	100	12-1/4	
20700	25	12-1/4	
24734	100	1/4-5/16	
20701	25	1/4-5/16	
24735	100	5/16-3/8	
20702	20	5/16-3/8	
24736	50	7/16-1/2	
20703	15	7/16-1/2	
20628	25	4-6	
24741	100	8-10	
20629	25	8-10	

J&B #	QTY	STUD SIZE	
20718	25	8-10	
20723	25	8-10	
24748	100	BUTT	
20737	25	BUTT	
20731	25	1/4	
20732	25	1/4	
21840	5	3-WAY	
21842	5	4-WAY	

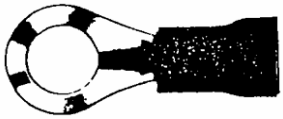
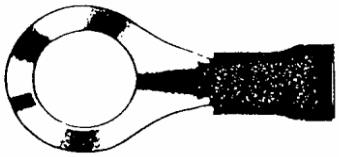
J&B FLEET INDUSTRIAL

WIRE TERMINALS

P.V.C. PLASTIC SOLDERLESS TERMINALS

P.V.C. Plastic Insulating Sleeve

8 Gauge Wire Range (Red)

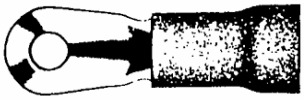
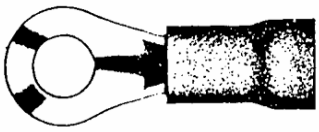
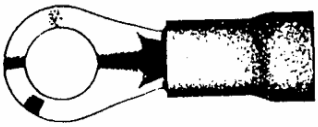
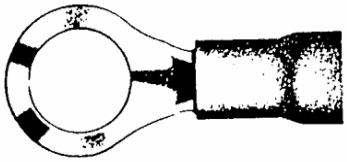
J&B #	QTY	STUD SIZE	
22004	25	BUTT	
41210	25	8-10	
41212	25	12-1/4	
22000	20	5/16-3/8	
22002	15	7/16-1/2	

WIRE TERMINALS

P.V.C. PLASTIC SOLDERLESS TERMINALS

P.V.C. Plastic Insulating Sleeve

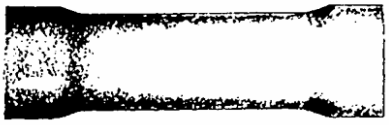
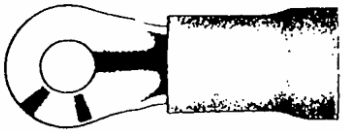
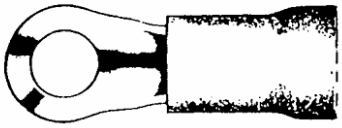
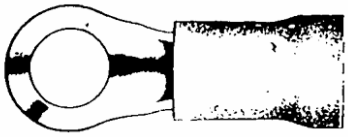
6 Gauge Wire Range (Blue)

J&B #	QTY	STUD SIZE	
41214	15	BUTT	
41218	25	8-10	
41219	25	12-1/4	
41220	25	1/4-5/16	
41221	20	5/16-3/8	
41223	15	7/16-1/2	

P.V.C. PLASTIC SOLDERLESS TERMINALS

P.V.C. Plastic Insulating Sleeve

4 Gauge Wire Range (Yellow)

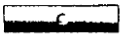
J&B #	QTY	STUD SIZE	
41226	10	BUTT	
41230	10	12-1/4	
41231	10	1/4-5/16	
41232	10	5/16-3/8	

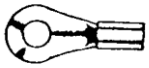
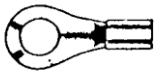
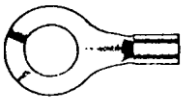
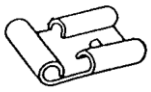
WIRE TERMINALS

NON-INSULATED SOLDERLESS TERMINALS

Silver Brazed Barrel

- **The brazing allows the terminal to be crimped in any position around the barrel and this also helps give extra wire holding strength.**

22-18 WIRE RANGE			
J&B #	**QTY**	**STUD SIZE**	
39475	100	BUTT	
39490	50	6	
39491	50	10	
39492	50	10	
55914	50	1/4	
55915	50	1/4	

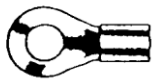
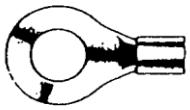
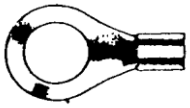
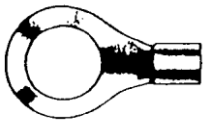
16-14 WIRE RANGE			
J&B #	**QTY**	**STUD SIZE**	
39476	100	BUTT	
39493	50	6	
39494	50	10	
39495	50	1/4	
39489	50	1/4 90° flag	
39497	50	10	
20744	25	8-10 flag	
55903	50	1/4	
55908	50	1/4	

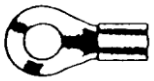
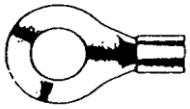
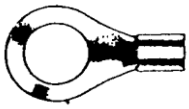
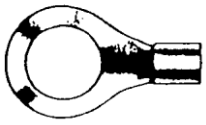
WIRE TERMINALS

NON-INSULATED SOLDERLESS TERMINALS

Silver Brazed Barrel

- **The brazing allows the terminal to be crimped in any position around the barrel and this also helps give extra wire holding strength.**

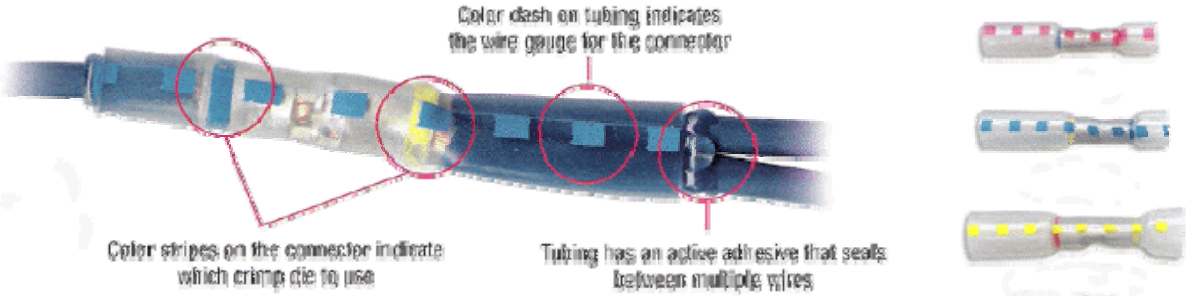
12-10 WIRE RANGE			
J&B #	**QTY**	**STUD SIZE**	
39477	100	BUTT	
39498	50	10	
39499	50	1/4	
39500	50	5/16	
39501	50	3/8	
39502	50	10	
55901	50	1/4	
55909	50	1/4	

8 GA. WIRE RANGE			
J&B #	**QTY**	**STUD SIZE**	
55897	25	BUTT	
55898	25	10	
55899	25	1/4	
55868	20	3/8	
55869	15	1/2	

WIRE TERMINALS

IN-LINE BUTT CONNECTORS

Join two wires to one



J&B #	WIRE GAUGE	TUBING COLOR	COLOR STRIPE ON CONNECTOR	WIRE	CRIMP DIE (Insulated)	QTY
41902	20-18 AWG	Clear / Red dashes	Side 1 : Red Side 2 : Blue	(1) 20-18 AWG (2) 20-18 AWG	Red (20-18 AWG) Blue (16-14 AWG)	25
41903	16-14 AWG	Clear / Blue dashes	Side 1 : Blue Side 2 : Yellow	(1) 16-14 AWG (2) 16-14 AWG	Blue (16-14 AWG) Yellow (12-10 AWG)	25
41904	12-10 AWG	Clear / Yellow dashes	Side 1 : Yellow Side 2 : Red	(1) 12-10 AWG (2) 12-10 AWG	Yellow (12-10 AWG) Red (8 AWG)	25

CLOSED-END CONNECTORS

Join two to four wires

J&B #	CONNECTOR WIRE RANGE	TUBING COLOR	QTY
41906	22-14 AWG	Clear / Blue dashes	25
41907	18-10 AWG	Clear / Yellow dashes	25

WIRE TERMINALS

KRIMP-N-SEAL CONNECTORS

- **EASY TO SEE:** The clear heat shrink tubing allows the user to see that the stripped wire is properly inserted into the color coded nylon insulated connector. It also ensures that the connector is crimped in the proper place without guess work.
- **STRONG SEAL:** The self sealing tubing encapsulates the connection as sealant inside tubing melts when heat is applied. Seals out corrosion causing moisture and air plus provides strain relief and vibration resistance.
- **SINGLE UNIT CONNECTION:** One complete unit has advantages over other methods. The user no longer has to deal with two separate pieces. This enables a faster installation and ensures heat shrink tubing is applied. The tubing remains permanent and cannot unravel as is the tendency with electrical tape.

WHITE 24-22 GAUGE

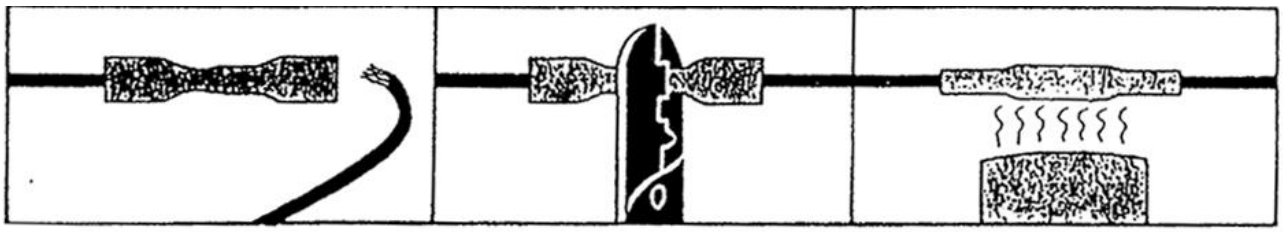
J&B #		STUD	QTY
39436		# 4	25
39437		# 8	25
39443		BUTT	25

STEP DOWN BUTT CONNECTORS

J&B #	GAUGE	QTY
39453	24-22 to 20-18	25

RED 20-18 GAUGE

J&B #		STUD	QTY
39458		8 - 10	25
42130		1/4	25
39470 46700		BUTT	25 100
42126		F-CONN 1/4 TAB	25
42128		M-CONN 1/4 TAB	25
39412		FORK 8-10	25
39409		F-CONN 1/4 TAB	25
39410		M-CONN 1/4 TAB	25



Insert stripped end of wire into butt splice.

Crimp splice in nest of tool designed for insulated connectors.

Apply heat source of approximately 275°F to 650°F. Move heat back and forth across tubing until shrinkage occurs. Allow to cool.

WIRE TERMINALS

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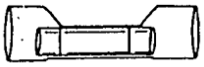
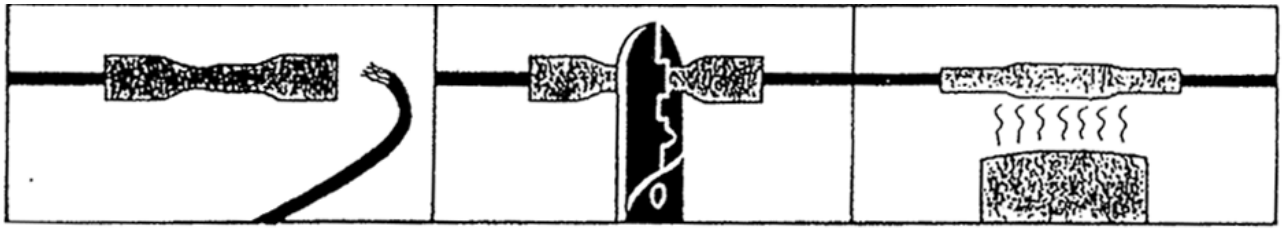
BLUE 16-14 GAUGE			
J&B #		STUD	QTY
39408		F-CONN 1/4 TAB	25
39407		M-CONN 1/4 TAB	25
42136		F-BULLET	25
42134		M-BULLET	25

STEP DOWN BUTT CONNECTORS		
J&B #	GAUGE	QTY
42123	22-18 to 16-14	25
42124	16-14 to 12-10	25

BLUE 16-14 GAUGE			
J&B #		STUD	QTY
39415		# 8	25
39462		#10	25
39463		1/4	25
39464		5/16	25
39465		3/8	25
39472 46702		BUTT	25 100
39454		F-CONN 1/4 TAB	25
39455		M-CONN 1/4 TAB	25
39460		FORK 8-10	25



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WIRE TERMINALS

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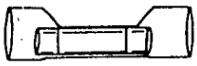
YELLOW 12-10 GAUGE

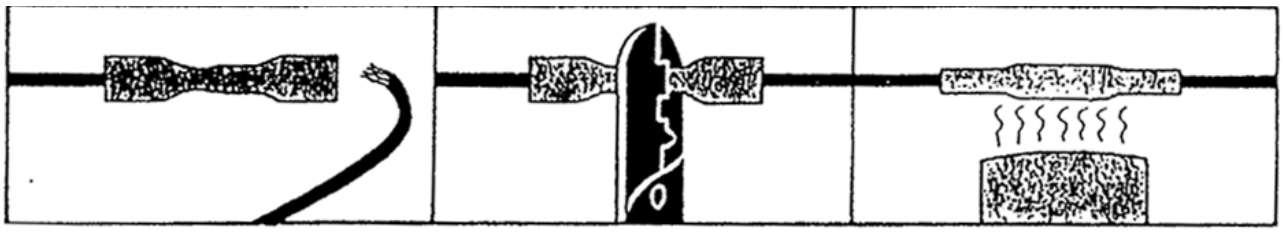
J&B #		STUD	QTY
39413		#8	25
39466		#10	25
39467		1/4	25
39414		5/16	25
39468		3/8	25
42132		1/2	25
39474		BUTT	25
46704			100
39456		F-CONN 1/4 TAB	25
39457		M-CONN 1/4 TAB	25

YELLOW 12-10 GAUGE

J&B #		STUD	QTY
39411		FORK 8-10	25
39406		F-CONN 1/4 TAB	25
39405		M-CONN 1/4 TAB	25

RED #8 GAUGE

J&B #		STUD	QTY
39439		1/4	25
39440		3/8	25
39441		1/2	25
39438		BUTT	25



Insert stripped end of wire into butt splice.

Crimp splice in nest of tool designed for insulated connectors.

Apply heat source of approximately 275°F to 650°F. Move heat back and forth across tubing until shrinkage occurs. Allow to cool.

WIRE TERMINALS

OPTISEAL CONNECTORS
Sealed Window Crimp Connectors

- Ensures the wire is crimped to connector.
- Ensures the center of crimp barrel is properly crimped.
- Crystal Clear waterproof insulation allows for indisputable inspection of the wire's condition.

J&B #	WIRE	COLOR	QTY
45692	22-18	RED	25
45693	16-14	BLUE	25
45694	12-10	YELLOW	25

Color-Coded Window Butt Connectors:

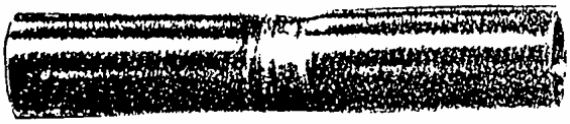
- Window in center of connector ensures that wire is seated properly and that the wire is being crimped to connector.
- Color-coded stripes identify wire gauge size to be used with connector.
- Color-coded stripes also indicate/guide the installer to the proper crimp postiton on the center of the barrel.
- Seamless barrel butt connectors ensure superior crimp performance.
- Wire-stop in butt connectors prevents over-insertion of wire.

Crystal Clear Adhesive-Lined Heat Shrink Tubing:

- Crystal Clear tubing provides optimal clarity for visual inspection.
- Adhesive-lined tubing ensures a waterproof seal.
- Wire gauge imprint simplifies wire size identification.

WIRE TERMINALS

ELEKTRALINK™
Sealed Solder Connector



ELEKTRALINK PREVENTS . . .

- **CORROSION -** and corrosion build-up at the connection can cause a drop in current or complete disconnection of the circuit. Electrical tape, the most common means of preventing corrosion, does not provide a moisture proof seal but Elektralink takes care of this problem all in one step.

- **VIBRATION -** can cause connectors weakened by corrosion or inadequate strain relief to break off. Elektralink offers strain relief protection far superior to current products.

- **MIS-CONNECTED PARTS -** result from poorly installed connectors. A common problem is faulty connection at installation caused by lack of or excess crimping force. Elektralink eliminates crimping forever!

ELEKTRALINK FEATURES . . .

- **AN ADHESIVE LINED SLEEVE -** when the connector is heated to shrink the tubing, the adhesive flows and seals the connection. This gives a superior environmental and moisture proof seal that prevents corrosion.

- **HEAT SHRINKABLE CONSTRUCTION -** the combination of a solder connection and heat shrinkable tubing gives this product excellent long-term vibration resistance and strain relief**.**

Pull-out strength comparison:

Standard nylon butt splice - 40 lbs.
Heat shrinkable tubing w/o adhesive - 65 lbs.
Heat shrinkable tubing w/adhesive - 110 lbs.
Elektralink - 150 lbs.

- **EASY SOLDER LINK -** solder provides the finest link between two wires yet it has always been very time consuming and frustrating to perform this process. Elektralink does all of this in one easy step to save installation time while providing the perfect connection.

J&B #	GAUGE	TUBING COLOR	QTY
40400	22-18	RED	25
40401	16-14	BLUE	25
40402	12-10	YELLOW	25

WIRE TERMINALS

MULTILINK™
Sealed Krimp and Solder Connector

MULTILINK PREVENTS . . .

- **CORROSION -** and corrosion build-up at the connection can cause a drop in current or complete disconnection of the circuit. Electrical tape, the most common means of preventing corrosion, does not provide a moisture proof seal but Multilink takes care of this problem all in one step.
- **VIBRATION -** can cause connectors weakened by corrosion or inadequate strain relief to break off. Elektralink offers strain relief protection far superior to current products.
- **MIS-CONNECTED PARTS -** result from poorly installed connectors. A common problem is faulty connection at installation caused by lack of or excess crimping force.

MULTILINK FEATURES . . .

- **CRIMPED** for maximum reliability, **SOLDERED** for strength and conductivity, and **SEALED** for superior durabilty.
- **AN ADHESIVE LINED SLEEVE -** when the connector is heated to shrink the tubing, the adhesive flows and seals the connection. This gives a superior environmental and moisture proof seal that prevents corrosion.
- **HEAT SHRINKABLE CONSTRUCTION -** the combination of a solder connection and heat shrinkable tubing gives this product excellent long-term vibration resistance and strain relief**.**

J&B #	GAUGE	TUBING COLOR	QTY
45635	22-18	RED	25
45636	16-14	BLUE	25
45637	12-10	YELLOW	25

J&B FLEET INDUSTRIAL

WIRE NUT CONNECTORS

HARD PLASTIC

- **Screws on like a nut and holds firmly with a wiring crushing crimp. Will not fall off, shake off or pull off.**
- **600 volts maximum building wiring; 1000 volts in fixtures and signs.**

25126 Gray | **25127** Blue | **25128** Orange | **25129** Yellow | **25130** Red

J&B #	WIRE RING	MIN	MAX	QTY
25126	22 to 16	1 #20 w/1 #22	2 #16	25
25127	22 to 14	3 #22	3 #16	25
25128	22 to 14	3 #22	2 #14 w/1 #18	25
25129	18 to 10	1 #14 w/1 #18	1 #10 w/1 #14	25
25130	18 to 10	2 #14	4 #12	25

WING HARD PLASTIC

- **Positive bottoming design eliminates ratcheting and loose, unsure connections.**
- **600 V maximum for building wiring; 1000 V maximum in fixtures and signs; temperature rating of 105°C (221°F) maximum.**

25145 Gray | **25146** Blue

J&B #	WIRE RING	MIN	MAX	QTY
25145	18-8	2 #12	3 #10 w/1 #12	25
25146	14-6	1 #10 w/1 #12	1 #6 w/2 #8	25

SOFT PLASTIC

- **U.L. listed as a pressure-type fixture connector for up to 105°C (221°F) maximum.**

22217 Red

J&B #	WIRE RING	MIN	MAX	QTY
22217	16 to 10	3 #16	3 #12	25

WIRE NUT CONNECTORS

3M COMBO WIRE NUT

- **Simplifies** selection of the right connector for a wide range of wiring jobs.
- 600 volts maximum building wiring; 1000 volts in fixtures and signs; temperature rating of 105°C (221°F) maximum.
- Orange/blue replaces the orange, blue, and gray style wire nut connectors.
- Red/yellow replaces the red and yellow style wire nut connectors.

41177
Orange / Blue

41178
Red / Yellow

41179
Blue / Grey

J&B #	WIRE RING	MIN	MAX	QTY
41177	22 to 12	2 #22	2 #12	25
41178	18 to 8	2 #18	2 #8	25
41179	14 to 6	4 # 14	2 # 6	25

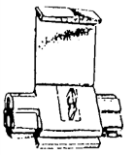
SAFETY SEALED WATERPROOF WIRE NUT

- Suitable for all wire splices, especially those exposed to condensation, water, vapors or dust.
- One step installation.
- Corrosion proof; reduces risk of fire.
- For use in irrigation, trailers, boats or any standard application.

J&B #	WIRE RING	MIN	MAX	QTY
41176	22 to 8	6 # 22	4 # 12	20

WIRING DEVICES

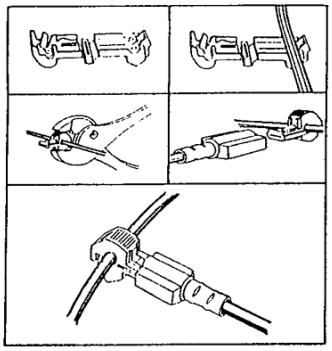
QUICK SPLICE



- **Two piece quick splice makes insulated tap-in, parallel or pig-tail in seconds without cutting, stripping, taping or soldering.**
- **Resilient "spring" action provides firm, positive grip against vibration.**
- **Insert wires into case and press metal grip down with pliers, then close case cover.**

J&B #	GAUGE	COLOR	QTY	APPLICATION
20787	22-18	RED	50	LOW VOLTAGE
20788	18-14	BLUE	50	LOW VOLTAGE
20790	12-10	YELLOW	50	LOW VOLTAGE

DISCONNECTING T-TAP



- **No stripping is required - place wire to be tapped in locating notch and close with common pliers.**
- **Automotive, accessory, fleet and shop applications.**
- **Tap is FULLY INSULATED and ready to accept J&B #22290 (16-14 wire size).**

J&B #	GAUGE	QTY
20786	18-14	10

3 - WAY CONNECTOR W/ SEALANT

- **Self-stripping connectors for making 2 or 3 wire pigtail connections with a wire range of 22-14 gauge.**
- **No wire stripping is required, simply insert wires and press top down with pliers.**
- **The sealant helps to protect against corrosion due to moisture. Use where a positive connection is required.**

J&B #	GAUGE	QTY
20792	22-14	10

FEMALE FLAG QUICK CONNECTS

- **Fully insulated 90' flag 1/4" push on.**

J&B #	GAUGE	COLOR	QTY
22285	22-18	RED	25
22286	16-14	BLUE	25

WIRE TERMINALS

SNAP PLUGS
(Bullet Connectors)

P.V.C. PLASTIC INSULATED SLEEVE

J&B #	SIZE	RANGE	QTY
20741	.156”	16-14	25
24755	.156”	16-14	100
20743	.180”	16-14	25

NYLON INSULATED SLEEVE

J&B #	SIZE	RANGE	QTY
22066	.156”	16-14	25

RECEPTACLES

- **Converts wire to snap plug receptacle for quick connection/disconnection.**

NYLON SNAP PLUG RECEPTACLES

J&B #	STYLE	RANGE	QTY
20004	.156”	22-18	25
20003	.156”	16-14	25
20006	.180”	16-14	25

INSULATED SNAP PLUG RECEPTACLE 2-WAY

J&B #	STYLE	QTY
20766	STANDARD	25

- **For use with J&B #20741, 24755 & #22066**

PIN TERMINALS
Nylon Insulated Sleeve

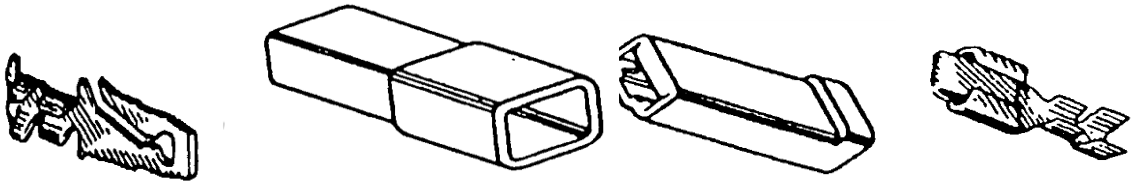
J&B #	RANGE	COLOR	QTY	
20763	22-18	RED	50	
20764	16-14	BLUE	50	
20762	12-10	YELLOW	50	

WIRE TERMINALS

QUICK CONNECTORS

- **Used for parking lights, tail lights and other wiring harness applications on GM cars.**

MALE END **FEMALE END**

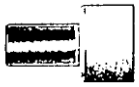


20630 **20759** **20746** **20745**

J&B #	STYLE	GAUGE	QTY
20630	SPLIT TAB	16-14	25
20759	HOUSING	16-14	25
20745	SPLIT TAB	16-14	25
20746	HOUSING	16-14	25

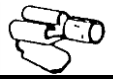
* **Terminals should be attached to wire before insertion into housing.**

NYLON CLOSED END CONNECTORS

J&B #	GAUGE	QTY	
20749	16-14	25	
20750	12-10	25	

PIGGY BACK TERMINAL

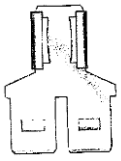
- **For power block 1/4" tab.**
- **Bent back tab is for extra connection.**

J&B #	GAUGE	QTY	
20765 **Non-insul.**	16-14	25	
41234 **(Plastic)**	16-14	50	

.250 PUSH-ON TERMINAL ADAPTER

Two .250" Male to one .250" Female

J&B #	QTY
41233	50



WIRE TERMINALS

DELPHI PACKARD WEATHER-PACK TERMINALS

- **Locking connectors are sealed against moisture, dust and dirt.**
- **Available in one through six contact configurations.**
- **These nylon connectors are rated from -40 F to +257 F.**
- **The terminals and seals are secured in the connector body with a hinge lock assembly.**
- **Silicone seals must be used with the tin plated brass terminals.**
- **Use the cavity plug for all pin locations not filled with terminals. Rated to 16 volts D.C. and 20 amps maximum.**
- **The tower half connector body comes with a self lubricating silicone seal to reduce the engagement assembly force.**

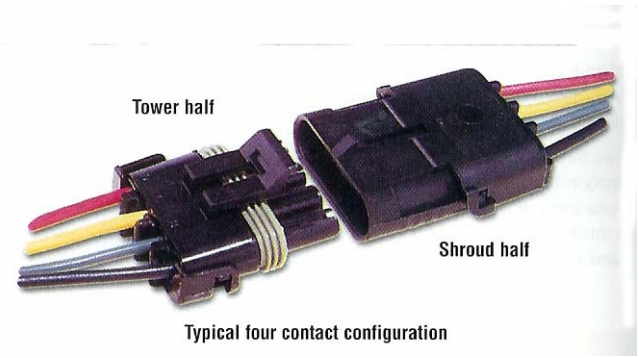
CABLE SEAL

J&B #	CABLE DIA. MM	GPT WIRE GAUGE	SXL WIRE GAUGE	SEAL COLOR	PACKARD #	QTY
42300	1.70-1.29	-	-	RED	12015899	25
42301	2.80-2.03	18-16	20-18	GREEN	12015323	25
42302	3.49-2.81	14	16	GRAY	12010293	25
42303	4.30-3.45	12	14	BLUE	12015193	25

Ordering Notes

1. **Select connector body style from chart.**
2. **One terminal for each contact location needed.**
3. **Pick cable seal by wire gauge.**
4. **Cavity plugs are required for all unused pin locations.**
5. **Weather-Pack crimping tool must be used to assure a good seal.**

CONNECTOR BODIES



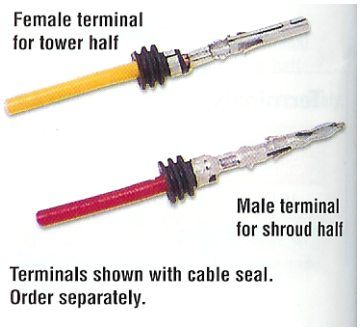
Typical four contact configuration

CONTACTS	J&B# TOWER HALF	PACKARD #	J&B# SHROUD HALF	PACKARD #	QTY
1	42306	12015791	42315	12010996	5
2	42307	12015792	42316	12010973	5
3	42308	12015793	42317	12010717	5
4	42309	12015797	42318	12010974	5
6	42311	12015799	42320	12010975	2

WIRE TERMINALS

DELPHI PACKARD WEATHER-PACK TERMINALS

TERMINALS



WIRE GAUGE	J&B# MALE TERMINAL	PACKARD #	J&B# FEMALE TERMINAL	PACKARD #	QTY
20-18	42330	12089040	42333	12089188	25
16-14	42331	12124582	42334	12124580	25
12-10	42332	12124587	42335	12124581	25

CAVITY PLUG

J&B #	PACKARD #	QTY
42340	12010300	25

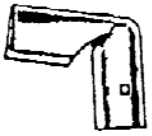
REMOVAL TOOL

J&B #	PACKARD #	QTY
42341	12014012	EA

SPARK PLUG WIRE ACCESSORIES

TERMINALS

STRAIGHT		
J&B #	**SIZE**	**QTY**
20747	7mm	50



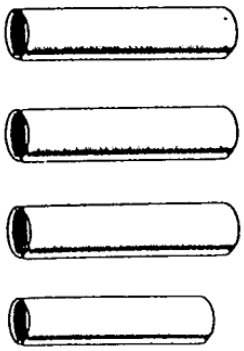
RIGHT ANGLE		
J&B #	**SIZE**	**QTY**
20748	7mm	50

HEAT SHRINK TUBING

MULTIPLE THICK WALL TUBING

With Meltable Sealant

- **Soft heat shrinkable polyolefin tubing, cross-linked to provide a meltable inner wall.**
- **Outer tubing shrinks and conforms to the geometry to be covered while the inner wall melts and flows to provide environmental protection.**
- **Long term strain relief and greater flexibility which offers less strain at wire/insulation interface; dielectric insulation.**
- **Operates continuously between -50°F and 275°F.**



J&B #	WIRE RANGE	PRE-SHRINK ID	POST SHRINK ID	COLOR	LENGTH	QTY
*57030		1/16	.031	BLACK	6”	10
*57031		3/32	.046	BLACK	6”	10
38750	30-18 GA	1/8”	3/64”	BLACK	6”	4
57050	30-18 GA	1/8”	3/64”	RED	6”	4
38751	20-14 GA	3/16”	1/16”	BLACK	6”	4
57051	20-14 GA	3/16”	1/1/6”	RED	6”	4
38752	18-10 GA	1/4”	3/32”	BLACK	6”	4
57052	18-10 GA	1/4”	3/32”	RED	6”	4
38754	12-16 GA	3/8”	1/8”	BLACK	6”	4
57053	12-16 GA	3/8”	1/8”	RED	6”	4
V38753	2-4/0 GA	1”	5/16”	BLACK	12”	4

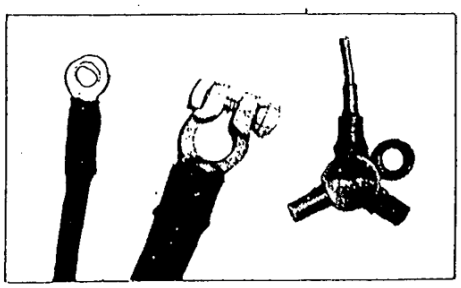
*** Part #’s 57030 & 57031 do not have sealant.**

HEAT SHRINK TUBING

MULTIPLE EXTRA THICK WALL TUBING

With Meltable Sealant

- **Semi-rigid heat shrinkable polyolefin tubing, cross-linked to provide a meltable inner wall.**
- **Outer tubing shrinks and conforms to the geometry to be covered while the inner wall melts and flows to provide environmental protection.**
- **Thicker wall provides greater dielectric strength for insulating battery cables and connectors.**
- **Operates continuously from -85°F to +275°F.**

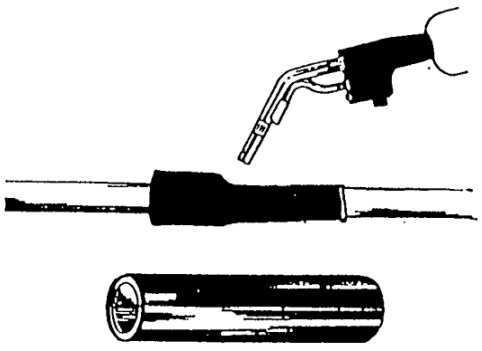


J&B #	WIRE RANGE	PRE SHRINK ID	POST SHRINK ID	COLOR	LENGTH	QTY
21162	18-14 GA	3/8”	.100”	BLACK	6”	4
38660	14-6 GA	1/2”	.150”	BLACK	6”	4
57054	14-6 GA	1/2”	.150”	RED	6”	4
38662	8-1 GA	3/4”	.200”	BLACK	6”	4
40362	8-1 GA	3/4”	.200”	RED	6”	4
38664	2-4/O GA	1”	.370”	BLACK	6”	4
40364	2-4/O GA	1”	.370”	RED	6”	4
60020		1-1/2”	.500”	BLACK	6”	2
60021		2”	.650”	BLACK	6”	2

MULTIPLE WALL TUBING

“Color Coded”

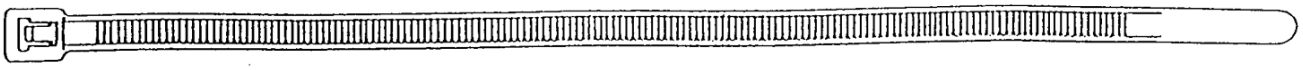
- **Radiation cross-linked, heat shrinkable tubing with meltable adhesive liner.**
- **Superior environmental resistance to mechanical abuse, water, salt, abrasion and other corrosive materials.**
- **Excellent vibration resistance and strain relief.**
- **Rated for continuous operation at temperatures from -55°C (-67°F) to 110°C (+230°F).**



J&B #	WIRE RANGE	PRE SHRINK ID	COLOR	LENGTH	QTY
40979	24-22	1/8”	WHITE	6”	4
40980	22-18	3/16”	RED	6”	4
40981	16-14	1/4”	BLUE	6”	4
40982	12-10	5/16”	YELLOW	6”	4

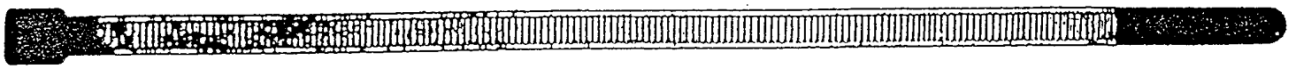
CABLE TIES

- **Cable ties feature smooth edges and low insertion force.**
- **Locking system assures a firm grip.**
- **Once cable ties are installed, harness assembly won't slip, even after flexing and bending.**
- **Ties are manufactured from 6.6 nylon and are QPL and UL listed.**

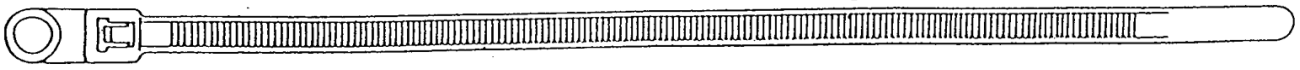


J&B #	WIDTH & LENGTH	TENSILE	QTY
38952	3/32 x 4”	18 lb.	100
38955	1/8 x 5”	40 lb.	100
38956	3/16 x 7”	50 lb.	100
38953	3/16 x 11”	50 lb.	100
38957	3/16 x 14”	50 lb.	100
38958	5/16 x 14”	120 lb.	50

BLACK ULTRA VIOLET RESISTANT WIRE TIES



J&B #	WIDTH & LENGTH	TENSILE	QTY
38950	3/32 x 4”	18 lb.	100
38945	1/8 x 5”	40 lb.	100
38959	3/16 x 7”	50 lb.	100
38947	3/16 x 11”	50 lb.	100
38951	3/16 x 14”	50 lb.	100
38949	5/16 x 8.”	120 lb.	100
38954	5/16 x 14”	120 lb.	50
21048	5/16 x 24”	120 lb.	50



J&B #	HOLE	WIDTH & LENGTH	COLOR	TENSILE	QTY
12078	3/16	3/16 x 7”	BLACK	50 lb.	100
12079	3/16	3/16 x 14”	WHITE	50 lb.	25
12080	1/4	5/16 x 14”	WHITE	120 lb.	25
39005	1/4	5/16 x 15”	BLACK	120 lb.	100

CABLE TIES

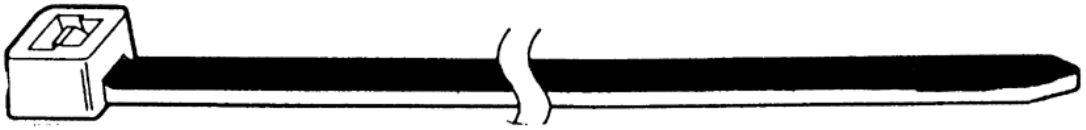
RELEASABLE BLACK CABLE TIES

- **Releasable Ties are reusable one piece design, weather resistant black nylon.**
- **Use for prototype work where wires will be added, or when a tie is needed for a temporary application.**

J&B #	WIDTH & LENGTH	BUNDLE DIA	QTY
38946	7/32 x 5-7/8	3/16 x 1-1/4	100
38948	7/32 x 8-5/8	3/16 x 2-1/2	100

EXTRA LONG HEAVY DUTY

Black



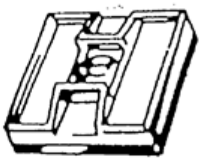
J&B #	WIDTH & LENGTH	BUNDLE DIA	QTY
41186	11/32 x 48	0 - 15”	50

CABLE STRAP

- **Black nylon. Fits into 6.3mm (1/4”) hole. Import cars.**

J&B #	WIDTH & LENGTH	MAX BUNDLE	QTY
41870	5mm (3/16) x 200mm (8”)	44mm (1-3/4”)	25

NYLON TIE MOUNTS



J&B #	TYPE	QTY
40025	#6 Screw-On	25
40026	White Adhesive Backing	25
40027	Black Adhesive Backing	25

CABLE TIES

COLORED CABLE TIES

- **Cable ties feature smooth edges and low insertion force.**
- **Locking system assures a firm grip.**
- **Once cable ties are installed, harness assembly won't slip, even after flexing and bending.**
- **Ties are manufactured from 6.6 nylon and are QPL and UL listed.**

J&B #	COLOR	WIDTH & LENGTH	TENSILE	QTY
86120	BROWN	3/32 x 4	18 lb.	100
86121	RED	3/32 x 4	18 lb.	100
86122	ORANGE	3/32 x 4	18 lb.	100
86123	YELLOW	3/32 x 4	18 lb.	100
86124	GREEN	3/32 x 4	18 lb.	100
86125	BLUE	3/32 x 4	18 lb.	100
86126	PURPLE	3/32 x 4	18 lb.	100
86127	NEON PINK	3/32 x 4	18 lb.	100
*86128	MULTIPACK	3/32 x 4	18 lb.	100
41913	BROWN	3/16 x 7-1/2	50 lb.	100
41914	RED	3/16 x 7-1/2	50 lb.	100
41915	ORANGE	3/16 x 7-1/2	50 lb.	100
41916	YELLOW	3/16 x 7-1/2	50 lb.	100
41917	GREEN	3/16 x 7-1/2	50 lb.	100
41918	BLUE	3/16 x 7-1/2	50 lb.	100
41919	PURPLE	3/16 x 7-1/2	50 lb.	100
41921	NEON PINK	3/16 x 7-1/2	50 lb.	100
*41922	MULTIPACK	3/16 x 7-1/2	50 lb.	100

***10 Each of white, black, brown, red, orange, yellow, green, blue, purple & neon pink ties.**

CABLE TIES

DUAL CLAMP TIES

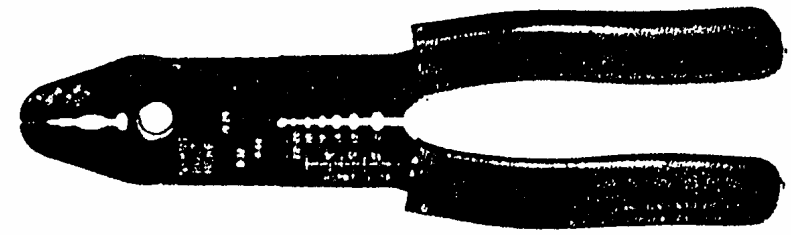
- High impact heat stabilized nylon material.
- Ensures parallel spacing between cables & hoses; keeps them from rubbing against each other & deteriorating.
- Used in many cars, trucks & trailers where high tensile strength & flexibility is needed.

J&B #	WIDTH & LENGTH	BUNDLE DIA. MAX. EA SIDE	TENSILE STRENGTH	STUD SIZE	QTY
4300	1/2 x 13”	1.3”	150 lbs.	1/4	10

WIRE TOOLS

CRIMPING & CUTTING TOOL

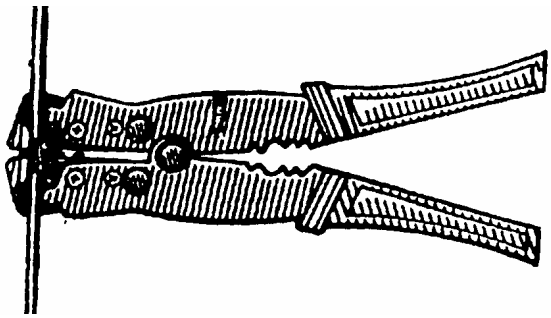
- **Cuts and strips wire from 22 to 10 gauge.**
- **Crimps insulated and non-insulated terminals.**
- **Cuts screws from 4-40 up to 10-32.**
- **Assembled with plastic comfort grip handles.**



J&B #	QTY
20772	EA

SELF-ADJUSTING WIRE CUTTER/STRIPPER

- **Unique steel jaws self-adjust to strip any wire 26-10 gauge.**
- **Crimps insulated and non-insulated 22 to 10 gauge and 7mm/8mm terminals.**
- **Precision machined blade for cutting wire sharp and smooth.**



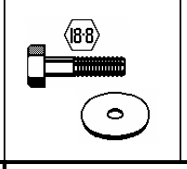
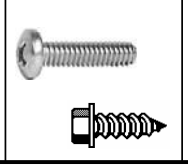
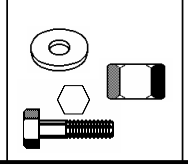
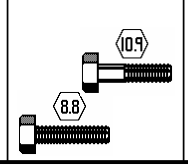
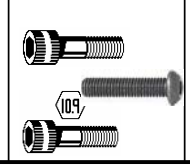
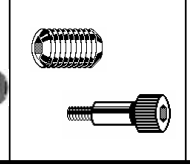
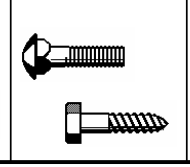
J&B #	QTY
39350	EA

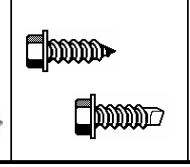
RATCHET CRIMPING TOOL

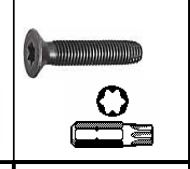
For Heat Shrink Terminals

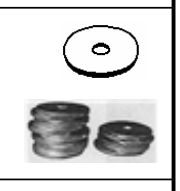
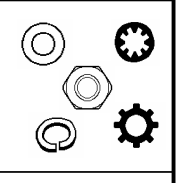
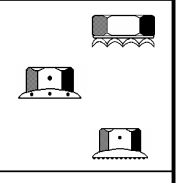
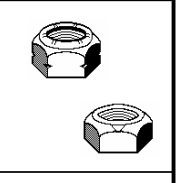
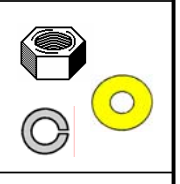
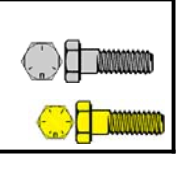
- 4 crimp nests - 8, 10-12, 14-16, 18-22.
- Ensures uniform crimp termination regardless of user.
- Release switch if terminal or wire is inserted improperly.
- High quality, economical tool.
- Alignment guide to ensure dies won't slip during crimping.

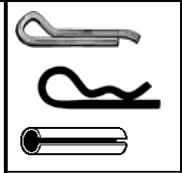
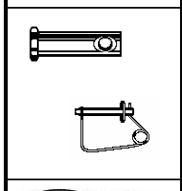
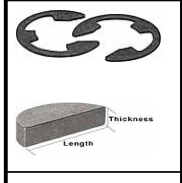
J&B #	QTY
41209	EA





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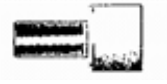
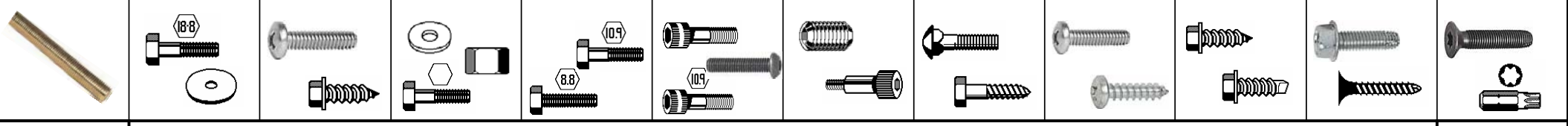
PART # 2011

NYLON TERMINALS

21891 1 (41240) 20 **8-10 RING 22-18**	**21908** 2 20 **6-8 RING 16-14**	**21909** 3 (41250) 15 **8-10 RING 16-14**	**21910** 4 (41251) 10 **12-1/4 RING 16-14**	**21928** 5 (41274) 15 **8-10 RING 12-10**	**20749** 6  10 **CRIMP SPLICE CONNECTOR 16-14**
21911 7 (41252) 10 **1/4-5/16 RING 16-14**	**21912** 8 5 **5/16-3/8 RING 16-14**	**21929** 9 (41275) 10 **12-1/4 RING 12-10**	**21930** 10 10 **1/4 – 5/16 RING 12-10**	**21932** 11 5 **5/16-3/8 RING 12-10**	**20750** 12 10 **CRIMP SPLICE CONNECTOR 12-10**
21934 13 5 **7/16-1/2 RING 12-10**	**21897** 14 10 **8-10 FORK 22-18**	**21915** 15 (41256) 10 **8-10 FORK 16-14**	**21903** 16 (41244) 20 **BUTT CONNECTOR 22-18**	**21921** 17 (41260) 20 **BUTT CONNECTOR 16-14**	**20788** 18 5 **SCOTCHLOK CONNECTOR 18-14**
21942 19 (41280) 15 **BUTT CONNECTOR 12-10**	**21952** 20 (41264) 10 **1/4 MALE 16-14**	**21950** 21 (41265) 10 **1/4 FEMALE 16-14**	**22216** 22 10 **SPLICING CAP 24-12**	**22066** 23 10 **SNAP PLUG 16-14**	**20003** 24 10 **FEMALE PLUG 16-14**



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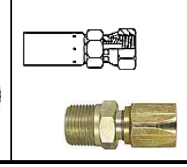
PART # 2213

NYLON TERMINALS

1 **21942** (41280) 12-10 BUTT CONNECTOR 10	2 **21928** (41274) 8-10 RING 12-10 10	3 **21921** (41260) 16-14 BUTT CONNECTOR 10	4 **21909** (41250) 8-10 RING 16-14 10	5 **21903** (41244) 22-18 BUTT CONNECTOR 10	6 **39184** 22-18 MALE DISCONNECT 10
7 **21934** 7/16-1/2 RING 12-10 10	8 **39185** (41284) FEMALE DISCONNECT 12-10 10	9 **21912** 5/16-3/8 RING 16-14 10	10 **22291** (41268) FEMALE DISCONNECT 16-14 10	11 **21888** 4-6 RING 22-18 10	12 10
13 **21932** 5/16-3/8 RING 12-10 10	14 **39186** (41285) MALE DISCONNECT 12-10 10	15 **21911** (41252) 1/4-5/16 RING 16-14 10	16 **22290** (41269) MALE DISCONNECT 16-14 10	17 **21891** (41240) 8-10 RING 22-18 10	18
19 **21929** (41275) 12-1/4 RING 12-10 10	20	21 **21910** (41251) 12-1/4 RING 16-14 10	22	23 **39183** FEMALE DISCONNECT 22-18 10	24



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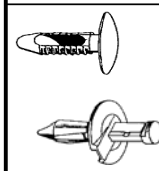
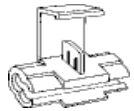
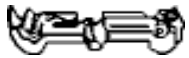


PART # 2104

NYLON TERMINALS

1 **22291** (41268) FEMALE FULLY INSULATED 5 16-14	2 **22290** (41269) MALE FULLY INSULATED 5 16-14	3 **21950** (41265) 1/4 FEMALE 5 16-14	4 **21952** (41264) 1/4 MALE 5 16-14	5 **20792** 3-WAY CONNECTOR W/SEALANT 3	6 **21901** 8 - 10 FORK 5 22-18	7 **21891** (41240) 8 - 10 RING 3 22-18	8 **21903** (41244) BUTT CONNECT 10 22-18
9 **22066** MALE SNAP PLUG 3 16-14	10 **21917** (41258) 8 - 10 FORK 3 16 - 14	11 **21912** 3/8 RING 3 16-14	12 **21911** (41252) 5/16 RING 3 16-14	13 **21910** (41251) 1/4 RING 5 16-14	14 **21909** (41250) 8 - 10 RING 5 16-14	15 **21907** 6-8 RING 5 16-14	16 **21921** (41260) BUTT CONNECT 10 16-14
17 **20003** FEMALE RECEPTACLE 3 16-14	18 **21938** 8 - 10 FORK 3 12-10	19 **21934** 1/2 RING 2 12-10	20 **21932** 3/8 RING 3 12-10	21 **21930** 5/16 RING 3 12-10	22 **21929** (41275) 1/4 RING 5 12-10	23 **21928** (41274) 8 - 10 RING 10 12-10	24 **21942** (41280) BUTT CONNECT 10 12-10
25 **39185** (41284) FEMALE FULLY INSULATED 3 12-10	26 **39186** (41285) MALE FULLY INSULATED 3 12-10	27 **21951** 1/4 FEMALE 3 12-10	28 **21953** 1/4 MALE 3 12-10	29	30	31 **20788**  SCOTCHLOK 5 18 - 14	32 **20786**  T – TAP 3 18 - 14

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PART # 3000

NYLON TERMINALS

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21891 **8-10 RING** **22-18** 10	**21909** **8-10 RING** **16-14** 10	**21910** **12-1/4 RING** **16-14** 10	**21911** **1/4-5/16 RING** **16-14** 10	**21912** **5/16-3/8 RING** **16-14** 10	**21928** **8-10 RING** **12-10** 10
21929 **12-1/4 RING** **12-10** 10	**21930** **1/4-5/16 RING** **12-10** 10	**21932** **5/16-3/8 RING** **12-10** 10	**21934** **7/16-1/2 RING** **12-10** 10	**21952** **1/4 MALE** **16-14** 10	**21950** **1/4 FEMALE** **16-14** 10
21903 **BUTT CONN** **22-18** 10	**21921** **BUTT CONN** **16-14** 10	**21942** **BUTT CONN** **12-10** 10	**22066** **SNAP PLUG** **16-14** 10	**20003** **FEMALE PLUG** **16-14** 10	**21915** **8-10 FORK** **16-14** 10

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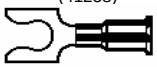
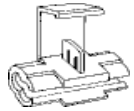
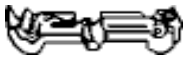
PART # 2133

PLASTIC & NYLON TERMINALS

1 **22291** (41268) NYLON FEMALE FULLY INSUL 5 16-14	2 **22290** (41269) NYLON MALE FULLY INSUL 5 16-14	3 **20728** (24757) PLASTIC FEMALE 5 16-14	4 **20727** (24756) PLASTIC MALE 5 16-14	5 **20792** 3-WAY CONNECTOR W/SEALANT 3	6 **21901** NYLON 8-10 FORK 22-18 5	7 **20694** (24727) PLASTIC 8-10 RING 22-18 3	8 **21903** (41244) NYLON BUTT CONNECT 22-18 10
9 **22066** MALE SNAP PLUG 16-14 3	10 **21917** (41258)  NYLON 8-10 FORK 16-14 3	11 **20705** PLASTIC 3/8 RING 16-14 3	12 **21911** (41252) NYLON 5/16 RING 16-14 3	13 **20698** (24731) PLASTIC 1/4 RING 16-14 5	14 **20697** (24730) PLASTIC 8-10 RING 16-14 5	15 **20696** (24729) PLASTIC 6-8 RING 16-14 5	16 **21921** (41260) NYLON BUTT CONNECT 16-14 10
17 **20003** FEMALE RECEPTACLE 16-14 3	18 **21938** NYLON 8-10 FORK 12-10 3	19 **20703** (24726) PLASTIC 1/2 RING 12-10 2	20 **20702** (24735) PLASTIC 3/8 RING 12-10 3	21 **20701** (24734) PLASTIC 5/16 RING 12-10 3	22 **20700** (24733) PLASTIC 1/4 RING 12-10 5	23 **20699** (24732) PLASTIC 8-10 RING 12-10 10	24 **21942** (41280) NYLON BUTT CONNECT 12-10 10
25 **41284** NYLON FEMALE FULLY INSUL 3 12-10	26 **41285** NYLON MALE FULLY INSUL 3 12-10	27 **20732** PLASTIC FEMALE 3 12-10	28 **20731** PLASTIC MALE 3 12-10	29	30	31 **20788**  SCOTCHLOCK 18-14 5	32 **20786**  T – TAP 18-14 3

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PART # 2192

PLASTIC TERMINALS

1	2 **41210** 8-10 RING 5 #8 GAUGE	3 **41212** 12-1/4 RING 5 #8 GAUGE	4	5 **22000** 5/16-3/8 RING 5 #8 GAUGE	6 **22002** 7/16-1/2 RING 5 #8 GAUGE
7	8	9	10	11	12 **22004** # 8 GA BUTT CONNECTOR 10
13 **41218** 8-10 RING 5 #6 GAUGE	14 **41219** 12-1/4 RING 5 #6 GAUGE	15 **41220** 1/4-5/16 RING 5 #6 GAUGE	16 **41221** 5/16-3/8 RING 5 #6 GAUGE	17 **41223** 7/16-1/2 RING 5 #6 GAUGE	18 **41214** # 6 GA BUTT CONNECTOR 5
19 **41230** 12-1/4 RING 3 #4 GAUGE	20 **41231** 1/4-5/16 RING 3 #4 GAUGE	21 **41232** 5/16-3/8 RING 3 #4 GAUGE	22	23	24 **41226** # 4 GA BUTT CONNECTOR 5

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PART # 2049

PLASTIC TERMINALS

1 **20694** (24727) 15 **8-10 RING 22-18**	2 **20696** (24729) 15 **4-6 RING 16-14**	3 **20697** (24730) 25 **8-10 RING 16-14**	4 **20698** (24731) 10 **12-1/4 RING 16-14**	5 **20699** (24732) 25 **8-10 RING 12-10**	6 **25127** 10 **WIRE NUT CONNECTOR BLUE**
7 **20700** (24733) 10 **12-1/4 RING 12-10**	8 **20701** (24734) 10 **1/4-5/16 RING 12-10**	9 **20702** (24735) 10 **5/16-3/8 RING 12-10**	10 **20703** (24736) 5 **7/16-1/2 RING 12-10**	11 **20629** (24741) 25 **8-10 FORK 12-10**	12 **25128** 10 **WIRE NUT CONNECTOR ORANGE**
13 **20792** 3 **3-WAY CONNECTOR W/ SEALANT**	14 **20625** (24738) 10 **8-10 FORK 22-18**	15 **20627** (24740) 25 **8-10 FORK 16-14**	16 **20735** (24746) 25 **BUTT CONNECTOR 22-18**	17 **20736** (24747) 25 **BUTT CONNECTOR 16-14**	18 **25129** 10 **WIRE NUT CONNECTOR YELLOW**
19 **20737** (24748) 25 **BUTT CONNECTOR 12-10**	20 **20728** (24757) 25 **1/4 FEMALE 16-14**	21 **20727** (24756) 25 **1/4 MALE 16-14**	22 **20003** 10 **FEMALE PLUG 16-14**	23 **20741** (24755) 10 **SNAP PLUG 16-14**	24 **20788** 10 **SCOTCHLOK CONNECTOR 18-14**

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PART # 3001

PLASTIC TERMINALS

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20694 **8-10 RING** **22-18** 10	**20697** **8-10 RING** **16-14** 10	**20698** **12 - 1/4 RING** **16-14** 10	**20705** **3/8 RING** **16-14** 10	**20629** **8-10 FORK** **12-10** 10	**20699** **8-10 RING** **12-10** 10
20700 **12 - 1/4 RING** **12-10** 10	**20701** **1/4 - 5/16 RING** **12-10** 10	**20702** **5/16 - 3/8 RING** **12-10** 10	**20703** **7/16 - 1/2 RING** **12-10** 10	**20727** **1/4 MALE** **16-14** 10	**20728** **1/4 FEMALE** **16-14** 10
20735 **BUTT CONN** **22-18** 10	**20736** **BUTT CONN** **16-14** 10	**20737** **BUTT CONN** **12-10** 10	**20741** **SNAP PLUG** **16-14** 10	**20003** **FEMALE PLUG** **16-14** 10	**20627** **8-10 FORK** **16-14** 10

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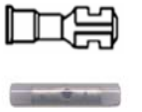
PART # 2224

NON-INSULATED TERMINALS

39475 1 **22-18 BUTT CONNECTOR** 25	**39490** 2 **22-18 # 6 RING** 25	**39491** 3 **22-18 # 10 RING** 25	**39492** 4 **22-18 # 10 FORK** 25	**20744** 5 **16-14 8-10 FLAG** 10	6	**55914** 7 **22-18 FEMALE 1/4 STUD** 25	**55915** 8 **22-18 MALE 1/4 STUD** 25
39476 9 **16-14 BUTT CONNECTOR** 25	**39493** 10 **16-14 # 6 RING** 25	**39494** 11 **16-14 # 10 RING** 25	**39495** 12 **16-14 1/4 RING** 25	**39489** 13 **16-14 1/4 90 FLAG** 10	**39497** 14 **16-14 # 10 FORK** 10	**55903** 15 **16-14 FEMALE 1/4 STUD** 25	**55908** 16 **16-14 MALE 1/4 STUD** 25
39477 17 **12-10 BUTT CONNECTOR** 25	**39498** 18 **12-10 # 10 RING** 25	**39499** 19 **12-10 1/4 RING** 25	**39500** 20 **12-10 5/16 RING** 10	**39501** 21 **12-10 3/8 RING** 10	**39502** 22 **12-10 # 10 FORK** 25	**55901** 23 **12-10 FEMALE 1/4 STUD** 25	**55909** 24 **12-10 MALE 1/4 STUD** 25
55897 25 **8 GA BUTT CONNECTOR** 10	**55898** 26 **8 GA # 10 RING** 10	**55899** 27 **8 GA 1/4 RING** 10	**55868** 28 **8 GA 3/8 RING** 10	**55869** 29 **8 GA 1/2 RING** 10	30	31	32



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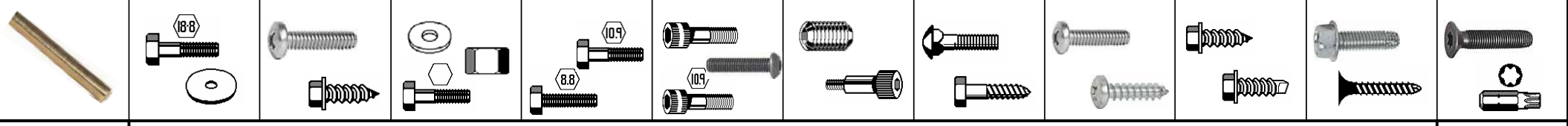
SEALED MULTIPLE WIRE CONNECTORS

PART # 2235

41902 1 **20-18 AWG** **2-1 IN LINE BUTT** **CONNECTOR** 5	**41903** 2 **16-14 AWG** **2-1 IN LINE BUTT** **CONNECTOR** 5	**41904** 3 **12-10 AWG** **2-1 IN LINE BUTT** **CONNECTOR** 5
4	5	6
41906 7 **22-14 AWG** **CLOSED END** 5	**41907** 8 **18-10 AWG** **CLOSED END** 5	**20792** 9 **3- WAY CONNECTOR** **W/SEALANT** 5
10	11	12



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PART # 2211

SHRINK TERMINALS

1 **39474** 10 12-10 GA BUTT CONNECTOR	2 **39466** 10 12-10 GA 8-10 STUD	3 **39472** 10 16-14 GA BUTT CONNECTOR	4 **39462** 10 16-14 GA 8-10 STUD	5 **39470** 10 22-18 GA BUTT CONNECTOR	6 **42126** 5 22-18 GA FEMALE CONNECTOR
7 **42132** 5 12-10 GA 1/2 STUD	8 **39456** 5 12-10 GA FEMALE CONNECTOR	9 **39465** 5 16-14 GA 5/16-3/8 STUD	10 **39455** 5 16-14 GA MALE CONNECTOR	11 **42130** 10 22-18 1/4 STUD	12
13 **39468** 5 12-10 GA 5/16-3/8 STUD	14 **39457** 5 12-10 GA MALE CONNECTOR	15 **39464** 10 16-14 GA 5/16 STUD	16 **39454** 5 16-14 GA FEMALE CONNECTOR	17 **39458** 10 22-18 GA 8-10 STUD	18
19 **39467** 10 12-10 GA 12-1/4 STUD	20 **41907** 5 18-10 AWG CLOSED-END CONNECTOR	21 **39463** 10 16-14 GA 12-1/4 STUD	22 **41906** 5 22-14 AWG CLOSED-END CONNECTOR	23 **42128** 5 22-18 GA MALE CONNECTOR	24

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PART # 3002

SHRINK TERMINALS

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39454 **16-14 FEMALE CONNECTOR** 5	**39455** **16-14 MALE CONNECTOR** 5	**39470** **22-18 BUTT CONNECTOR** 5	**39472** **16-14 BUTT CONNECTOR** 5	**39474** **12-10 BUTT CONNECTOR** 5	
39458 **8-10 RING 22-18** 5	**39462** **8-10 RING 16-14** 5	**39463** **1/4 RING 16-14** 5	**39466** **8-10 RING 12-10** 5	**39467** **1/4 RING 12-10** 5	**39468** **3/8 RING 12-10** 5

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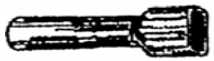
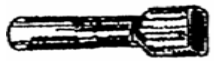
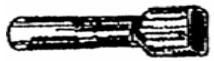
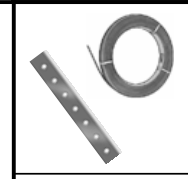
PART # 2134

SHRINK TERMINALS

1 **42126**  **22-18 FEMALE** 5	2 **42128** **22-18 MALE** 5	3 **42130** **22-18 1/4 RING** 5	4 **39458** **22-18 10 RING** 5	5 **39470** **22-18 BUTT** 10	6 **42123** **STEP DOWN BUTT** **22-18 to 16-14** 5
7 **39465** **16-14 3/8 RING** 5	8 **39464** **16-14 5/16 RING** 5	9 **39463** **16-14 1/4 RING** 5	10 **39462** **16-14 10 RING** 5	11 **39472** **16-14 BUTT** 10	12 **42124** **STEP DOWN BUTT** **16-14 to 12-10** 5
13 **39454**  **16-14 FEMALE** 5	14 **39455** **16-14 MALE** 5	15 **39460** **16-14 10 FORK** 5	16 **39456**  **12-10 FEMALE** 5	17 **39457** **12-10 MALE** 5	18 **42134** **16-14 M BULLET** 5
19 **42132** **12-10 1/2 RING** 5	20 **39468** **12-10 3/8 RING** 5	21 **39467** **12-10 1/4 RING** 5	22 **39466** **12-10 10 RING** 5	23 **39474** **12-10 BUTT** 10	24 **42136** **16-14 F BULLET** 5



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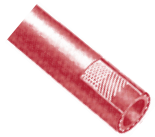
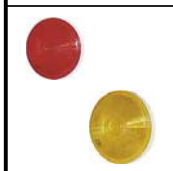
PART # 2228

SHRINK TERMINALS

1 **39443** 22-24GA BUTT CONNECTOR 5	2 **39458** 20-18 GA 8-10 STUD 5	3 **42130** 20-18 GA 1/4 STUD 4	4 **42126** 20-18 GA FEMALE CONNECTOR 4	5 **42128** 20-18 GA MALE CONNECTOR 4	6 **39412** 20-18 GA FORK 5	7 **39470** 20-18 GA BUTT CONNECTOR 5	8 **39415** 16-14 GA 8 STUD 5
9 **39462** 16-14 GA 10 STUD 5	10 **39463** 16-14 GA 1/4 STUD 5	11 **39464** 16-14 GA 5/16 STUD 5	12 **39465** 16-14 GA 3/8 STUD 5	13 **39454** 16-14 GA FEMALE CONNECTOR 5	14 **39455** 16-14 GA MALE CONNECTOR 5	15 **39408** 16-14 GA FEMALE CONNECTOR 5	16 **39407** 16-14 GA MALE CONNECTOR 5
17 **39460** 16-14 GA 8-10 FORK 5	18 **42136** 16-14 GA FEMALE BULLET 5	19 **42134** 16-14 GA MALE BULLET 5	20 **39472** 16-14 GA BUTT CONNECTOR 10	21 **42123** 21-18 TO 16-14 STEP DOWN BUTT CONNECTOR 3	22 **42124** 16-14 TO 12-10 STEP DOWN BUTT CONNECTOR 3	23 **39413** 12-10 GA 8 STUD 5	24 **39466** 12-10 GA 10 STUD 5
25 **39467** 12-10 GA 1/4" STUD 5	26 **39414** 12-10 GA 5/16" STUD 5	27 **39468** 12-10 GA 3/8" STUD 4	28 **42132** 12-10 GA 1/2" STUD 4	29 **39456** 12-10 GA FEMALE CONNECTOR 4	30 **39457** 12-10 GA MALE CONNECTOR 4	31 **39474** 12-10 GA BUTT CONNECTOR 5	32 **39411** 12-10 GA FORK 5





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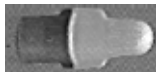
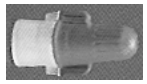
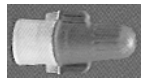
PART # 2203

WIRE NUTS

1 **25129** 18-10 PLASTIC YELLOW 10	2 **41177**  22-12 COMBO NUT ORANGE/BLUE 10	3 **25146** 14-6 PLASTIC WING BLUE 10	4
5 **25128** 22-14 PLASTIC ORANGE 10	6 **22217** 16-10 SOFT PLASTIC RED 10	7 **25145** 18-8 PLASTIC WING GRAY 10	8
9 **25127** 22-14 PLASTIC BLUE 10	10 **22216** 18-12 SOFT PLASTIC YELLOW 10	11 **41179**  14-6 COMBO NUT BLUE/GREY 5	12
13 **25126** 22-16 PLASTIC GRAY 10	14 **25130** 18-10 PLASTIC RED 10	15 **41178**  18-8 COMBO NUT RED/YELLOW 10	16 **41176** 22-8 SEALED WIRE NUT 5

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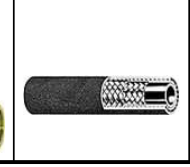
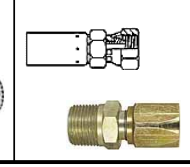
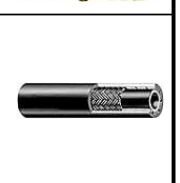
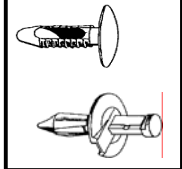
PART # 2010

DELPHI PACKARD TERMINALS

42308 3 CONTACT TOWER 2	**42317** 3 CONTACT SHROUD 2	**42311** 6 CONTACT TOWER 2	**42320** 6 CONTACT SHROUD 2
42307 2 CONTACT TOWER 2	**42316** 2 CONTACT SHROUD 2	**42309** 4 CONTACT TOWER 2	**42318** 4 CONTACT SHROUD 2
42306 1 CONTACT TOWER 2	**42315** 1 CONTACT SHROUD 2		
42341 REMOVAL TOOL **1**	**42333** 20-18 FEMALE 10	**42334** 16-14 FEMALE 10	**42335** 12 GAUGE FEMALE 10
42340 CAVITY PLUG 10	**42330** 20-18 MALE 10	**42331** 16-14 MALE 10	**42332** 12 GAUGE MALE 10
42300 CABLE DIA MM 1.70-1.29 RED SEAL 10	**42301** CABLE DIA MM 2.80-2.03 GREEN SEAL 10	**42302** CABLE DIA MM 3.49-2.81 GRAY SEAL 10	**42303** CABLE DIA MM 4.30-3.45 BLUE SEAL 10





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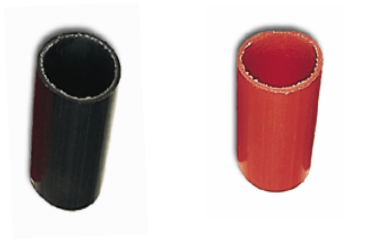
PART # 2120

SHRINK TUBING

1	2	3	4
38751 / **57051**	**38754** / **57053**	**38662** / **40362**	**38664** / **40364**
3/16 BLACK / **3/16 RED**	**3/8 BLACK** / **3/8 RED**	**8 – 1 BLACK** / **8 – 1 RED**	**2 – 4/O BLACK** / **2 – 4/O RED**
			
PRE-SHRINK ID .187	**PRE-SHRINK ID .375**	**PRE-SHRINK ID .750**	**PRE-SHRINK ID 1.100**
4 **POST-SHRINK ID .059** 4	4 **POST-SHRINK ID .135** 4	2 **POST-SHRINK ID .250** 2	2 **POST-SHRINK ID .375** 2
38750 / **57050**	**38752** / **57052**	**38660** / **57054**	
1/8 BLACK / **1/8 RED**	**1/4 BLACK** / **1/4 RED**	**14 - 6 BLACK** / **14 - 6 RED**	
PRE-SHRINK ID .125	**PRE-SHRINK ID .250**	**PRE-SHRINK ID .400**	
POST-SHRINK ID .023	**POST-SHRINK ID .080**	**POST-SHRINK ID .150**	
4 4	4 4	2 2	
5	6	7	8

LET US HELP YOU MAKE THE CONNECTION

PART # 3003

HEAT SHRINK TUBING

J & B FLEET-INDUSTRIAL SUPPLY
PHONE: 330-821-6342

38750 BLACK	38751 BLACK	38752 BLACK	38754 BLACK	38660 BLACK	57054 RED
1/8"	3/16"	1/4"	3/8"	1/2"	1/2"
57050 RED	57051 RED	57052 RED	57053 RED		
4 4	4 4	2 2	2 2	2	2

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PART # 2105

WHITE CABLE TIES

1	**38952**	2	**38955**
25	**3/32 X 4” TIES**	25	**1/8 X 5-1/2” TIES**
3	**38956**	4	**12078**
25	**3/16 X 7-1/2” TIES**	25	**3/16 X 7-1/2” TIES WITH MOUNTING HOLE**
5	**38953**		
25	**3/16 X 11” TIES**		
6	**38957**		
25	**3/16 X 14” TIES**		
7	**38958**		
15	**5/16 X 14” HEAVY DUTY**		
8	**38958**		
15	**5/16 X 14” HEAVY DUTY**		

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PART # 2186

BLACK CABLE TIES

1	**38950**	25 — **3/32 X 3-3/4” TIES**
2	**38945**	25 — **1/8 X 5-1/2” TIES**
3	**38959**	25 — **3/16 X 7” TIES**
4	**12078**	25 — **3/16 X 7-1/16” WHITE TIES WITH MOUNTING HOLE**
5	**38947**	25 — **3/16 X 11” TIES**
6	**38951**	25 — **3/16 X 14-1/4” TIES**
7	**38946**	25 — **7/32 X 5-1/2” RELEASABLE**
8	**38954**	15 — **5/16 X 14” HEAVY DUTY**

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PART # 2187

COLORED CABLE TIES

38956 25 **3/16 X 7-1/2 WHITE**	**38959** 25 **3/16 X 7-1/2 BLACK**
41913 25 **3/16 X 7-1/2 BROWN**	**41914** 25 **3/16 X 7-1/2 RED**
41915 25 **3/16 X 7-1/2 ORANGE**	**41916** 25 **3/16 X 7-1/2 YELLOW**
41917 25 **3/16 X 7-1/2 GREEN**	**41918** 25 **3/16 X 7-1/2 BLUE**
41919 25 **3/16 X 7-1/2 PURPLE**	**41921** 25 **3/16 X 7-1/2 NEON PINK**

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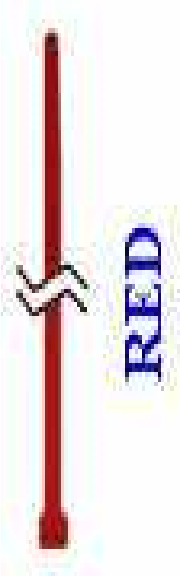
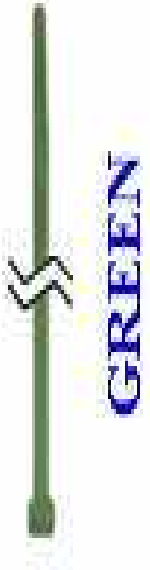
PART# 3105

COLOR TIE ASSORTMENT

J & B FLEET-INDUSTRIAL SUPPLY
PHONE: 330-821-6342

86121 3/32 X 4 41914 3/16 X 7.5	86122 3/32 X 4 41915 3/16 X 7.5	86123 3/32 X 4 41916 3/16 X 7.5	86124 3/32 X 4 41917 3/16 X 7.5	86125 3/32 X 4 41918 3/16 X 7.5	86126 3/32 X 4 41919 3/16 X 7.5
					
25	25	25	25	25	25

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PART# 3097

COLOR CABLE TIES

J & B FLEET-INDUSTRIAL SUPPLY
PHONE: 330-821-6342

86121	86122	86123	86124	86125	86126
RED	ORANGE	YELLOW	GREEN	BLUE	PURPLE
3/32 X 4	3/32 X 4	3/32 X 4	3/32 X 4	3/32 X 4	3/32 X4
50	50	50	50	50	50