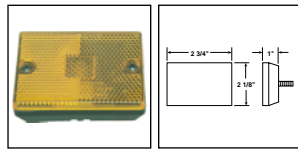


Lights and Electrical

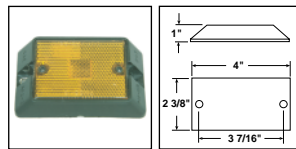
CLEARANCE MARKER LIGHTS – PETERSON

Part # Amber	Part # Red	Description	Replacement Lens	Replacement Bulb	Lens
114A	114R	Rectangular, stud mount	55-15A or 55-15R	193 or 194	Reflective
115A	115R	Rectangular, surface mount	55-15A or 55-15R	193 or 194	Reflective
126A	126R	Rectangular, chrome housing	126-25A or 126-25R	1895	Standard
138A	138R	Rectangular, two bulb	138-15A or 138-15R	193 or 194	Standard
102A	102R	Round, 2.875"	102-15A or 102-15R	193 or 194	Standard
104A	104R	Round, 2.50"	100-15A or 100-15R	193 or 194	Standard
108WA	108WR	Oblong, one bulb	108-15A or 108-15R	193 or 194	Reflective
106A	106R	Oblong, two bulbs	108-15A or 108-15R	193 or 194	Reflective
135A	135R	Oblong, two bulbs	134-15A or 134-15R	193 or 194	Standard
122A	122R	Armored light	124-15A or 124-15R	193 or 194	Standard
122XA	122XR	Armored light, chrome housing	124-15A or 124-15R	193 or 194	Standard
123A	123R	Armored light, cast aluminum	124-15A or 124-15R	193 or 194	Standard
119A	119R	Armored light, steel housing	119-15A or 119-15R	168	Standard
107WA	107WR	Mini-light	107-15A or 107-15R	193 or 194	Standard



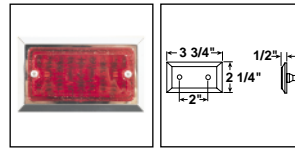
114A

114



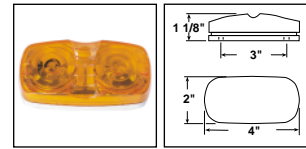
115A

115



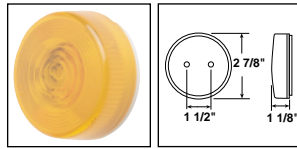
126R

126



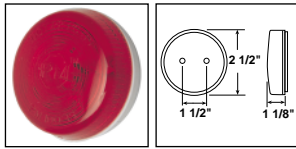
138A

138



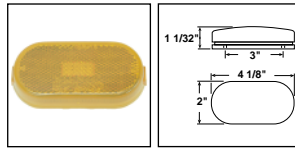
102A

102



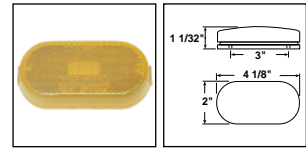
104R

104



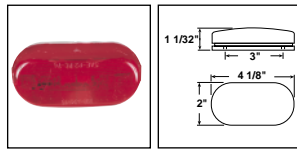
108WA

108W



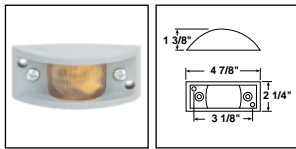
106A

106



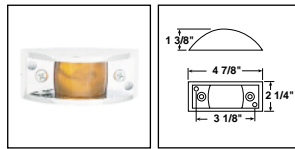
135R

135



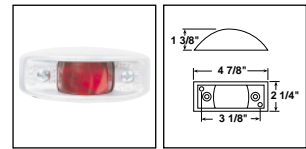
122A

122



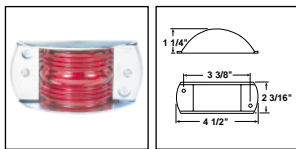
122XA

122X



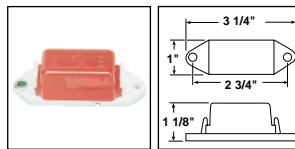
123R

123



119R

119



107WR

107W

CLEARANCE MARKER LIGHTS – BARGMAN

Part # Amber	Part # Red	Description	Replacement Lens	Replacement Bulb	Lens
3040002	3040001	Oblong, 4" X 2"	3040012{a} or 3040011{r}	57 or 1895	Standard
3099002	3099001	Rectangular, 4.0625" X 1.385"	3099012{a} or 3099010{r}	57 or 1895	Reflective



3040002 3040001



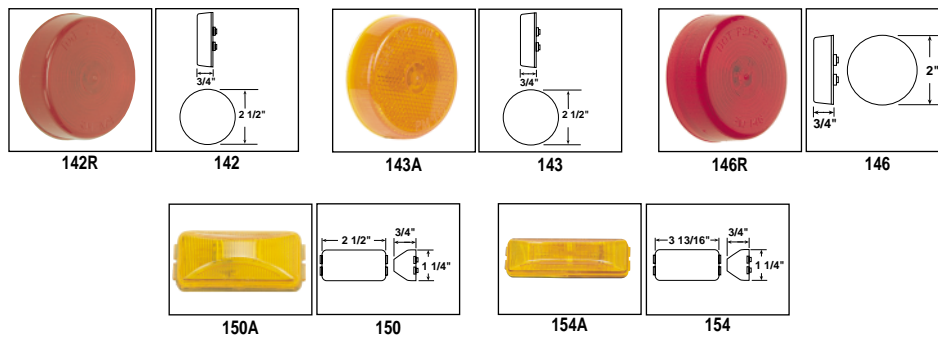
3099002 3099001

NOTE: See page I-18 thru I-20 for lighting requirements.

Lights and Electrical

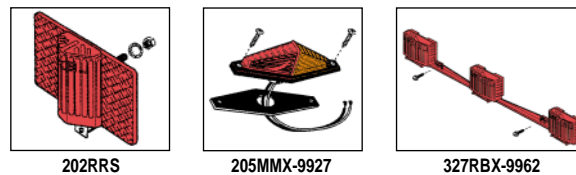
SEALED CLEARANCE MARKER LIGHTS – PETERSON

Part # Amber	Part # Red	Description	Mounting Kit	Base/Grommet, Plug	Lens
142A	142R	Round, 2.5"	142-18K or 143-18K	142-18 / 143-18, 142-49	Standard
143A	143R	Round, 2.5"	142-18K or 143-18K	142-18 / 143-18, 142-49	Reflective
146A	146R	Round, 2"	146-18K	146-18, 142-49	Reflective
150A	150R	Rectangular, 2.5" X 1.25"	150-092 or 150-18K	150-09, 154-49 / 150-18, 142-49	Standard
154A	154R	Rectangular, 3.8125" X 1.25"	154-09K, 154-10K or 154-11K	154-09 / 150-10 / 154-49 / 154-11, 142-49	Standard



SUBMERSIBLE CLEARANCE MARKER LIGHTS – DRY LAUNCH

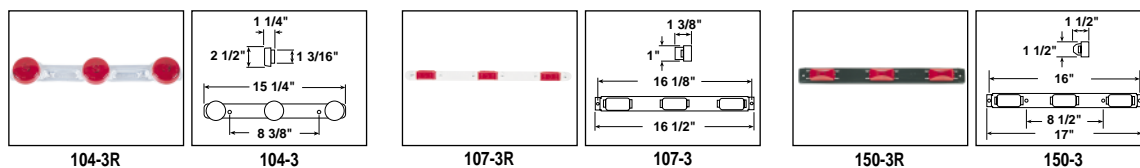
Part #	Style	Replacement Lens	Replacement Bulb	Lens
202AES	Rectangular, amber	n/a	194	Reflective
202RRS	Rectangular, red	n/a	194	Reflective
205MTX-9927	"Wing Tip" dual function red and amber	n/a	194	Standard
327RBX-9962	Identification bar, 3 light, red	n/a	194	Reflective



IDENTIFICATION BARS – PETERSON

Part #	Style	Replacement Lens/Light	Repl. Bulb	Color	Lens
104-3R	Round lights	100-15R replacement lens	193 or 194	Red	Standard
107-3A	Rectangular lights	107-15A replacement lens	193 or 194	Amber	Standard
107-3R	Rectangular lights	107-15R replacement lens	193 or 194	Red	Standard
150-3A	Rectangular lights, sealed/submersible	150A replacement light	n/a	Amber	Standard
150-3R	Rectangular lights, sealed/submersible	150R replacement light	n/a	Red	Standard

Note: Grommet kits include the grommet, 142-49 plug and grounding screw.

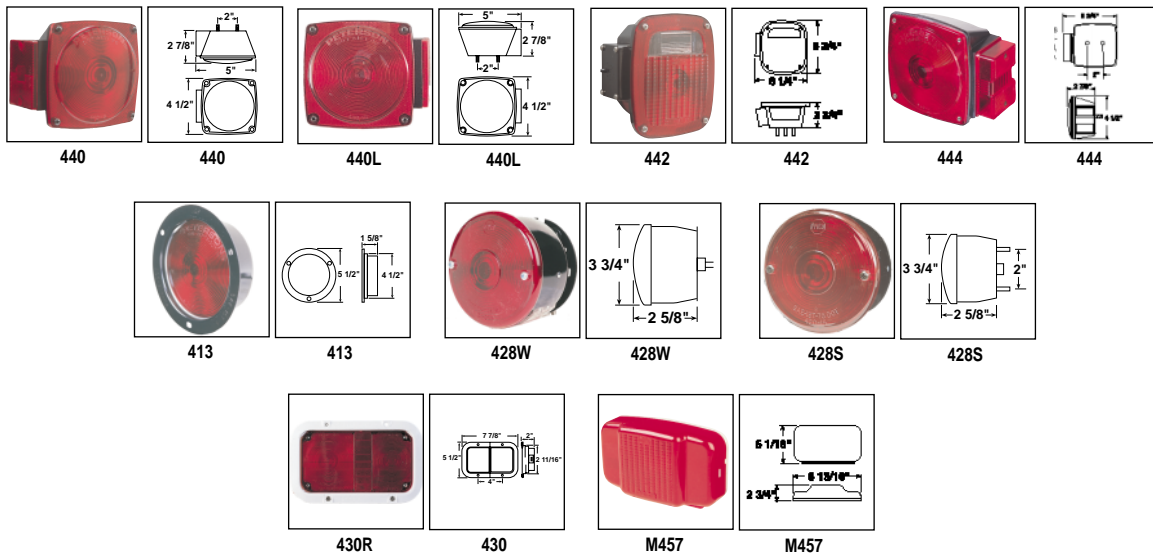


Note: See page I-18 thru I-20 for lighting requirements.

Lights and Electrical

STOP, TURN AND TAIL LIGHTS – PETERSON

Part #	Style	Replacement Lens	Replacement Bulb	Lens
440	Square light, red	440-15 face, 55-15R side	1895 side, 1157 stop/turn	Reflective
440L	Square light, red, w/license light	440-15 face, 55-15R side	1895 side, 1157 stop/turn	Reflective
442	OEM universal replacement light with junction box	445-25	1156 back up, 1157 stop/turn	Reflective
442L	OEM universal replacement light w/ junction box w/ license light	445-25	1156 back up, 1157 stop/turn	Reflective
444	Square light, red, w/combo clearance light	440-15 face, 56-15R side	194 side, 1157 stop/turn	Reflective
444L	Square light, red, w/combo clearance light, w/license light	440-15 face, 56-15R side	194 side, 1157 stop/turn	Reflective
313-2	Round light, pedestal mount, red	410-15R	1157	Standard
413	Round light, flush mount, red	410-15R	1157	Standard
425S	Round light, flush mount, red, stainless steel housing	410-15R	1157	Standard
428S	Round light, red, stud mount	420-15	1157	Standard
428W	Round light, red, stud mount, w/ license illuminator	420-15	1157	Standard
430R	Rectangular light, red, right	430-25	1157	Reflective
430L	Rectangular light, red, left	430-25	1157	Reflective
M457	Rectangular light, red, right	B457-15	1157 stop / turn	Reflective
M457L	Rectangular light, red, left	B457L-15	1157 stop / turn	Reflective



STOP, TURN AND TAIL LIGHTS – BARGMAN

Part #	Style	Replacement Lens	Replacement Bulb	Lens
3084529	Recessed double with red insert lens	3084010 and 3085750	1156 single and 2057 double	Reflective



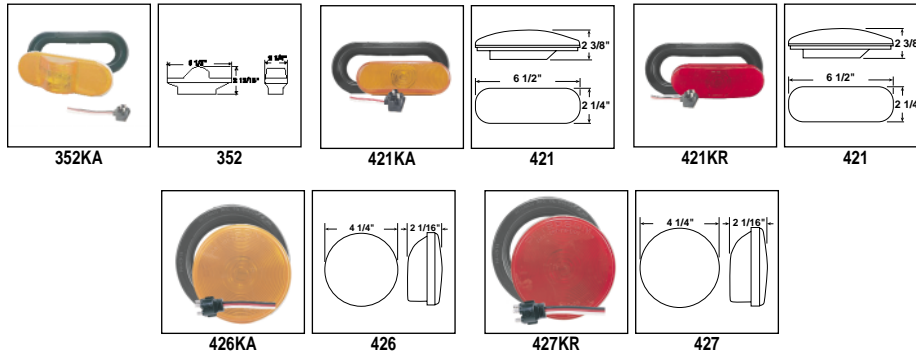
3084529

NOTE: See page I-18 thru I-20 for lighting requirements.

Lights and Electrical

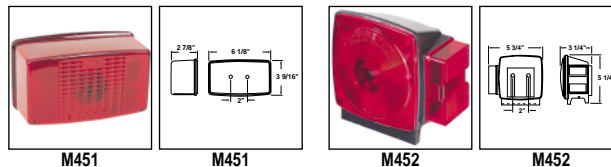
SEALED STOP, TURN AND TAIL LIGHT KITS – PETERSON

Part #	Style	Replacement Lights	Replacement Grommet & Plugs	Lens
352KA	Oblong light, amber with grommet and plug	352A	421-18 grommet, 421-91 plug	Reflective
421KA	Oblong light, amber with grommet and plug	421A	421-18 grommet, 431-91 plug	Standard
421KR	Oblong light, red with grommet and plug	421R	421-18 grommet, 431-91 plug	Standard
426KA	Round light, amber with grommet and plug	426A	426-18 grommet, 431-91 plug	Standard
426KR	Round light, red with grommet and plug	426R	426-18 grommet, 431-91 plug	Standard
427KR	Round light, red with grommet and plug	427R	426-18 grommet, 431-91 plug	Reflective



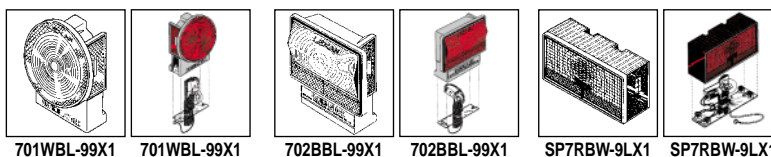
SUBMERSIBLE STOP, TURN AND TAIL LIGHTS – PETERSON

Part #	Style	Replacement Lens	Replacement Bulb	Lens
M451	"Belljar" light, red, rectangular with license light, right	n/a	194 side, 1157 stop / turn	Reflective
M451L	"Belljar" light, red, rectangular with license light, left	n/a	194 side, 1157 stop / turn	Reflective
M452	"Belljar" light, red with combo clearance light	440-15 face, 56-15R side	194 side, 1157 stop / turn	Reflective
M452L	"Belljar" light, red with combo clearance & license light	440-15 face, 56-15R side	194 side, 1157 stop / turn	Reflective



SUBMERSIBLE STOP, TURN AND TAIL LIGHTS – DRY LAUNCH

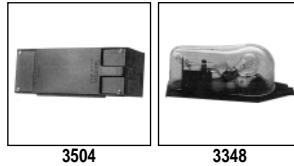
Part #	Style	Replacement Lens	Replacement Bulb	Lens
701WBL-99X1	Round light, red with white base, left	n/a	1157	Reflective
701WBR-99X1	Round light, red with white base, right	n/a	1157	Reflective
702BBL-99X1	Rectangular light, red with black base, left	n/a	1157	Reflective
702BBR-99X1	Rectangular light, red with black base, right	n/a	1157	Reflective
SP7RBW-9LX1	Rectangular light, red with white base, left	n/a	1157	Reflective
SP7RBR-9LX1	Rectangular light, red with white base, right	n/a	1157	Reflective
SP8RBW-9LX1	Rectangular light, red 8 function with white base, left	n/a	1157	Reflective
SP8RBR-9LX1	Rectangular light, red 8 function with white base, right	n/a	1157	Reflective



Lights and Electrical

SUBMERSIBLE STOP, TURN AND TAIL LIGHTS – WESBAR

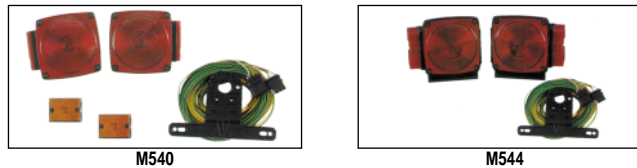
Part #	Style	Replacement Lens	Replacement Bulb	Lens
3504	Rectangular light with license light	3336	3348 Capsule	Reflective
3554	Rectangular light	3336	3348 Capsule	Reflective



TRAILER LIGHT KITS – PETERSON

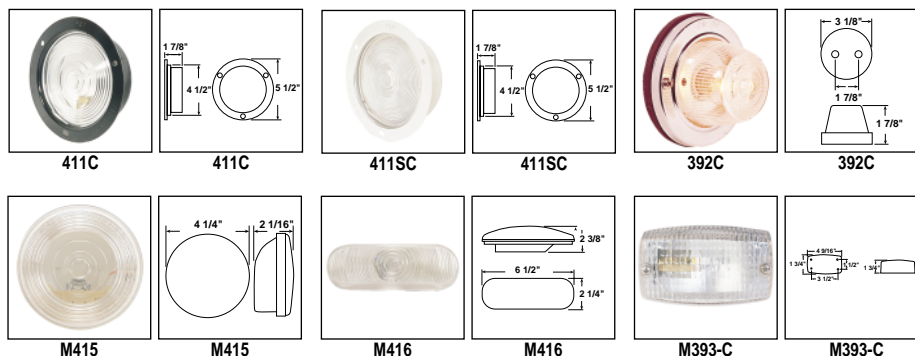
Part #	Application
M540	Trailer light kit for trailers under 80" with 20' harness
M545	Trailer light kit for trailers under 80" with 25' harness
M544	Trailer light kit for trailers over 80" with 20' harness, submersible
V540	Same as M540 but in "Viz-Pack"
V544	Same as M544 but in "Viz-Pack"

Note: M540 and M545 kits include: (2) stop/tail lights, (2) side marker lights, (1) wire harness, (1) 48" trunk connector, (1) license bracket, and all mounting hardware and installation instructions.
M544 kit includes: (2) submersible stop/tail lights, (1) harness, (1) 48" trunk connector, (1) license bracket, and all mounting hardware and installation instructions



BACKUP LIGHTS – PETERSON

Part #	Style	Replacement Lens/Light	Repl. Bulb	Color
411C	Backup light, 4.50" hole centers, black steel housing	414-15C	1156	Clear
411SC	Backup light, 4.50" hole centers, stainless steel housing	414-15C	1156	Clear
392C	Backup light, 1.875" hole centers, chrome-plated housing	392-25C	1156	Clear
415K	Backup light, sealed, with grommet and plug, round	M415	n/a	Clear
416K	Backup light, sealed, with grommet and plug, oblong	M416	n/a	Clear
M393-C	Backup light, 3.5 X 1.5 hole centers, rectangular	306-25C	1141	Clear

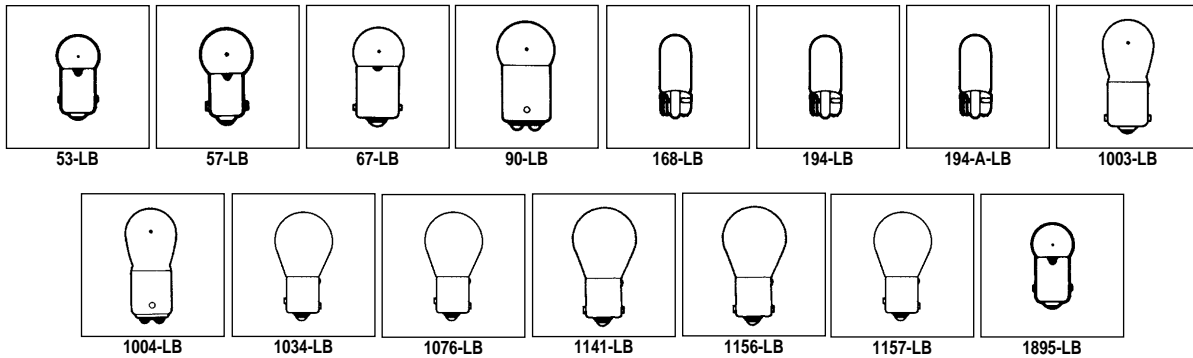


NOTE: See page I-18 thru I-20 for lighting requirements.

Lights and Electrical

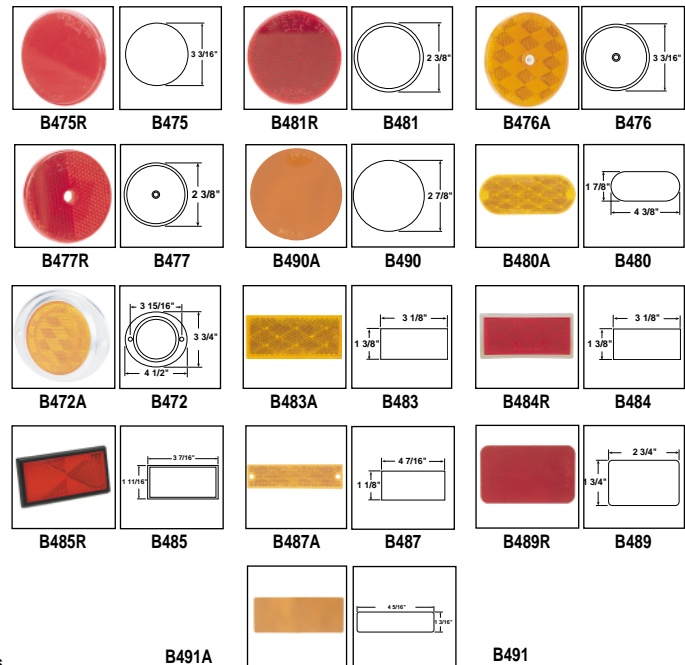
REPLACEMENT LIGHT BULBS

Part #	Design Volts	Amps	Candle Power	Life Hours	Application
53-LB	14.4	.12 amps	1.0	1,000	Auto, instrument
57-LB	14.0	.24 amps	2.0	500	Auto, instrument
67-LB	13.5	.59 amps	4.0	5,000	Auto, license
90-LB	13.0	.58 amps	6.0	750	Auto/marine, interior
168-LB	14.0	.35 amps	3.0	1,500	Auto, instrument
194-LB	14.0	.27 amps	2.0	2,500	Auto, instrument, heavy duty
194-A-LB	14.0	.27 amps	-	2,500	Auto, amber side marker
1003-LB	12.8	.94 amps	15.0	100	Auto/RV, interior, single contact
1004-LB	12.8	.94 amps	15.0	100	Auto/RV, interior, double contact
1034-LB	12.8	1.80 amps	32.0	200	Auto, park/tail/signal
1076-LB	12.8	1.80 amps	32.0	200	Auto/RV/marine, signal
1141-LB	12.8	1.44 amps	21.0	1,000	Auto/RV, backup
1156-LB	12.8	2.10 amps	32.0	1,200	Auto, backup
1157-LB	12.8	2.10 amps	32.0	1,200	Auto, park/tail/signal
1895-LB	14.0	.27 amps	2.0	2,000	Auto, instrument



REFLECTORS

Part # Amber	Part # Red	Description
B475A	B475R	Round, quick mount, 3" diameter
B481A	B481R	Round, quick mount, 2.385" diameter
B476A	B476R	Round, center mount, 2.1875" diameter
B477A	B477R	Round, center mount, 2.385" diameter
B490A	B490R	Round, wide angle, 2.875"
B480A	B480R	Oblong, quick mount
B472A	B472R	Oval, aluminum housing
B483A	B483R	Rectangular, quick mount, 3.125" x 1.375"
B484A	B484R	Rectangular, chrome bezel, 3.125" x 1.375"
B485A	B485R	Rectangular, quick mount, 3.4375" x 1.6875"
B487A	B487R	Rectangular, quick mount, 4.4375" x 1.125"
B489A	B489R	Rectangular, wide angle, 2.750" x 1.750"
B491A	B491R	Rectangular, wide angle, 4.3125" x 1.6875"

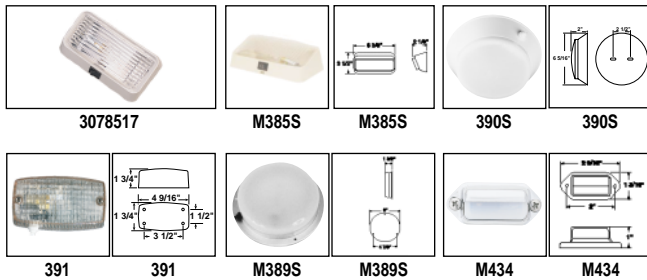


NOTE: See page I-18 thru I-20 for lighting requirements.

Lights and Electrical

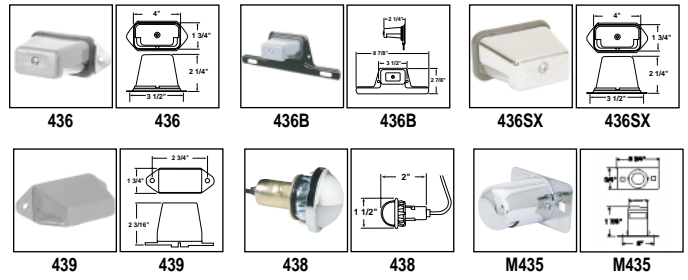
INTERIOR DOME LIGHTS

Part #	Description
3078517	Porch/utility light, clear lens, white base
M385S	Porch/utility light, clear lens, white base
390S	Interior dome light, translucent white lens
391	Interior dome light, clear lens
M389S	Interior dome light, clear lens, aluminum base
M434	Interior/utility light, clear lens, chrome plated



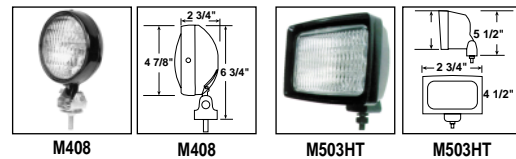
LICENSE PLATE LIGHTS

Part #	Hole Centers	Style
436	3.50"	Vibar®, surface mount, no bracket
436B	3.50"	Vibar®, surface mount, with bracket
436SX	1.750"	Vibar®, stud mount, no bracket, chrome plated
439	2.750"	Sealed, surface mount, no bracket
438	n/a	Snap-in license/utility light
M435	2"	Chrome, surface mount, no bracket



TRACTOR UTILITY LIGHTS

Part #	Description	Size	Shape
M408	Trapezoidal pattern	4.875"	Round
M503HT	Trapezoidal pattern	3" x 5"	Rectangular



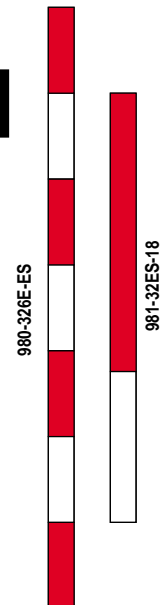
NOTE: See page I-18 thru I-20 for lighting requirements.

Our reflective tape is rated at 1,000 candle powers and features an industrial-strength adhesive to mount on flat or curved surfaces.

3M

REFLECTIVE TAPE

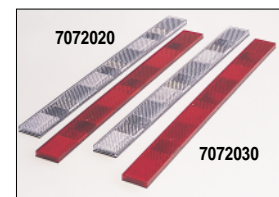
Part #	Description	Size
980-326E-ES	Reflective tape, 6" red, 6" white	150' roll
980-32ES	Reflective tape, 11" red, 7" white	150' roll
981-32ES-18	Reflective tape, 11" red, 7" white	18" strip
980-10ES	Reflective tape, all white	150' roll
06398	Truck/trailer marking kit	75' total



Our conspicuity reflectors meet or exceed DOT-C and SAE J5941 for reflectivity marking on trucks and trailers. Hermetically sealed to keep moisture and dirt out, they won't wrinkle, rip or bubble during application. Easy to peel, industrial strength adhesive tape allows for a quick installation. They are ideal for increasing the visibility and safety factor of all utility, cargo, livestock, semi, RV, and horse trailers.

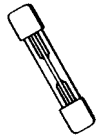
CONSPICUITY REFLECTORS

Part #	Description
7072020	1.1" x 12", clear
7072030	1.1" x 12", red

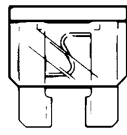


NOTE: See page I-18 thru I-20 for lighting requirements.

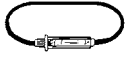
Lights and Electrical



SFE-14



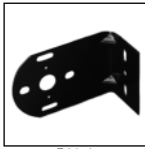
ATC-20



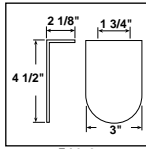
FH-20



FH-ATC



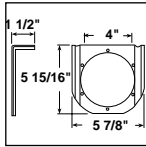
510-9



510-9



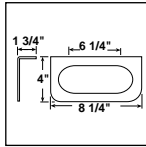
426-09



426-09



421-09



421-09



5154



428-BKT



440-09



428-09



428LP



440LP

A TO-ATC plug-in fuses are used in most late-model domestic and import cars. SFE fuses are standard tube-type fuses which are found in most automotive electrical systems. They are sold in packs of five.

FUSES AND FUSE HOLDERS

Part #	Description
SFE-14	14 amp fuse, glass type
SFE-30	30 amp fuse, round type
FH-20	Fuse holder, for glass type, with 20 amp fuse
ATC-20	20 amp fuse, blade type
ATC-25	25 amp fuse, blade type
ATC-30	30 amp fuse, blade type
FH-ATC	Fuse holder, for blade type, no fuse included

We offer you a wide variety of accessories for your lighting and electrical needs. Should you have a need for products not listed, please contact your local branch.

LIGHT MOUNTING BRACKETS

Part #	Material	Application
510-9	Black enamel steel	All stop and tail lights
426-09	Black enamel steel	352 and 421 series lights
421-09	Black enamel steel	426-18 grommet and 411, 413, 425 and 426 series lights
5154	Plain steel	352 and 421 series lights
428-BKT	Plain steel	Most 2 stud lights
428L-BKT	Plain steel	Most 2 stud lights, 3" long L-bend

These license brackets are universally designed to work with most tail lights.

LICENSE MOUNTING BRACKETS

Part #	Description
440-09	Plastic
428-09	Zinc plated steel
55XBMX-99X2	Plastic, 2" hole center

Trailer lights are easily damaged, so protect your tail lights with these light protectors.

LIGHT PROTECTOR

Part #	Description	Application
428LP	Round	Fits 428S and 428W lights
440LP	Square	Fits 440 lights

Tail light converters prevent electrical damage by connecting three wire systems to two-wire lighting systems. Some cars with amber turn signals or separate stop lights cannot be directly wired to a standard trailer without one.

TAIL LIGHT CONVERTERS

Part #	Description
TAP101	3-wire to 2-wire, with 4-way flat connector
PL100HD	3-wire to 2-wire

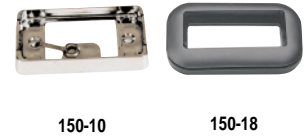
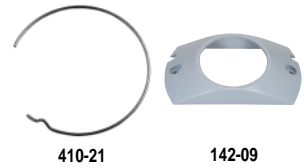
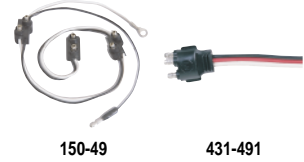
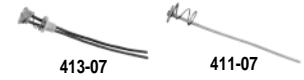
PL100HD



Lights and Electrical

LIGHTING ACCESSORIES – PETERSON

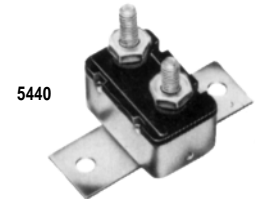
Part #	Item	Description
413-07	Pigtail	Indexing type for all S-8 double contact bulbs
411-07	Pigtail	Non-indexing type for all G-6, S-8 and S-11 single contact bulbs
154-49	Pigtail	Lead wire for 150 and 154 series bracket
142-49	Plug	For clearance marker and license lights
421-491	Plug	For 421 series lights
150-49	Plug	For 150-3 series lights
431-491	Plug	For 426 series lights
410-21	Retain ring	For 4.50" diameter lenses
106-09	Guard	Chrome guard for oblong clearance lights
142-09	Guard	Surface mount adapter for 2" sealed lights
146-09	Guard	Surface mount adapter for 2.5" sealed lights
154-11	Bracket	Surface mount bracket for 154 series lights
150-10	Bracket	Surface mount bracket for 150 series lights
150-09	Bracket	Surface mount bracket for 154 series lights
150-092	Kit	Surface mount kit for 150 series lights
154-09K	Kit	Surface mount kit for 154 series lights
154-10K	Kit	Surface mount kit for 154 series lights
154-11K	Kit	Surface mount kit for 154 series lights
142-18	Grommet	For 142 series lights
143-18	Grommet	For 143 series lights
146-18	Grommet	For 146 series lights
150-18	Grommet	For 150 series lights
421-18	Grommet	For 421 series lights
426-18	Grommet	For 426 series lights
142-18K	Grommet kit	Recessed mount for 2.5" sealed lights, requires a 3" mounting hole
143-18K	Grommet kit	Flush mount for 2.5" sealed lights, requires a 2.78125" mounting hole
146-18K	Grommet kit	Flush mount for 2" sealed lights, requires a 2.3125" mounting hole
150-18K	Grommet kit	Flush mount for 150 series sealed lights, requires a 2.875 X 1.5625" mounting hole



Recommended for brake controllers, battery chargers, RV, and other applications that require over current protections.

CIRCUIT BREAKERS

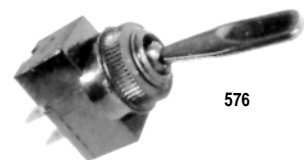
Part #	Description
5440	20 amp circuit breaker
5441	30 amp circuit breaker



This double pole/double throw two position toggle switch is UL listed at 15 amps/120 volts, 10 amps/240 volts.

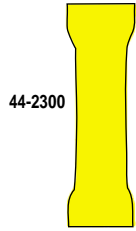
TOGGLE SWITCH

Part #	Description
576	Toggle switch, .4688" diameter hole



Lights and Electrical

Butt connectors are used to connect two wires. The plastic insulation eliminates the need for tape. They are color coded—red for 22-16 gauge, blue for 16-14 gauge, yellow for 12-10 gauge. 100 per bag.



BUTT CONNECTORS		
Part #	Gauge	Color
44-2100	22-18	Red
44-2200	16-14	Blue
44-2300	12-10	Yellow

Ring terminals are used for fastening wires. The vinyl insulated sleeves are color coded - yellow for 12-10 gauge and blue for 16-14 gauge. Packaged 100 per package.



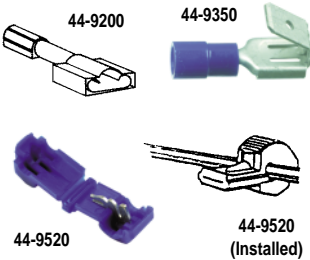
RING TERMINALS			
Part #	Gauge	Color	Stud Size
44-5210	16-14	Blue	10
44-5220	16-14	Blue	.250"
44-5230	16-14	Blue	.385"
44-5310	12-10	Yellow	10
44-5338	12-10	Yellow	.385"
44-5356	12-10	Yellow	.3125"

These spade terminals with vinyl-insulated sleeves are color coded—red for 22-16 gauge, blue for 16-14 gauge. 100 per package.



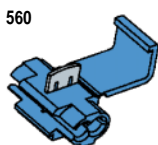
SPADE TERMINALS			
Part #	Gauge	Color	Stud Size
44-6110	22-16	Red	10
44-6210	16-14	Blue	10

Male and female spade connectors enable fast connection and disconnection. Simply crimp onto the wires and plug them into each other. They are color coded for easy installation—blue for 16-14 gauge, yellow for 12-10 gauge. 100 per package



.250 QUICK CONNECTS			
Part #	Gauge	Type	Color
44-9200	16-14	Female	Blue
44-9210	16-14	Male	Blue
44-9350	16-14	Piggyback connector	Blue
44-9520	16-14	T-tap	Blue
44-9300	12-10	Female	Yellow
44-9310	12-10	Male	Yellow

Electrical wiring connectors make your job easier. The 804 quick splice uses a sealant to protect electrical connections for RV trailers, boats and fleet vehicles from corrosive environments like salt spray, exhaust fumes and road chemicals. Sold per each or 500 per package.



QUICK SPLICES			
Part #	Description	Color	Max. Gauge OD
560	Connects (tap) wire end to through (run) wire, w stop	Light blue	18 – 14
564	Connects two through (run) wires, w/o stop	White	18 – 14
804	Connects (tap) wire end to a through (run) wire, w/gel	Blue	18 – 14

Lights and Electrical

Simply insert the ends and twist. They accept a minimum of two 18-gauge wires and a maximum of two 10-gauge wires. They come in the standard orange color. 100 per bag.

WN-212



WIRE NUT	
Part #	Description
WN-212	Wire nut

This kit contains twenty of the most popular terminals and one pair of terminal pliers. The pliers can be used for crimping, cutting, or stripping. It comes in a heavy-duty carrying case.

TERMINAL KIT	
Part #	Description
TK100	Terminal kit



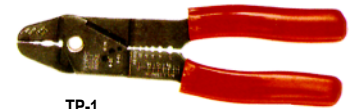
TK100

Contents of terminal kit

Item	Wire Size	Stud Size	Quantity	Item	Wire Size	Stud Size	Quantity
Ring terminal	22-16	#10	30	Quick splice	18-14	n/a	15
Ring terminal	16-14	#8	30	Butt connector	22-16	n/a	30
Ring terminal	16-14	#10	30	Butt connector	16-14	n/a	30
Ring terminal	16-14	# $\frac{1}{4}$	15	Butt connector	10-12	n/a	20
Ring terminal	10-12	#10	15	Push-on spade, female	18-14	# $\frac{1}{4}$	30
Ring terminal	10-12	# $\frac{1}{4}$	15	Push-on spade, male	18-14	# $\frac{1}{4}$	25
Ring terminal	10-12	# $\frac{3}{16}$	15	Bullet, female	16-14	std.	15
Ring terminal	10-12	# $\frac{1}{8}$	15	Bullet, male	16-14	std.	25
Spade terminal	16-14	#10	30	Insulated spade, female	16-14	# $\frac{1}{4}$	15
Spade terminal	10-12	#10	15	Insulated spade, male	16-14	# $\frac{1}{4}$	15

Our general purpose pliers are for cutting, crimping and stripping wire. Strips wire 10-22 gauge and crimps terminals 10-22 gauge.

TERMINAL PLIERS	
Part #	Description
TP-1	Heavy duty, general purpose pliers



TP-1

Our testers make installation of connectors possible without having the trailer attached.

CIRCUIT TESTERS	
Part #	Description
5410-T	4-way tester
CT-1	Circuit tester, 12 volt
QCT12	Quickee circuit tester



4CT

A convoluted loom holds wires in position and provides excellent protection against crushing and corrosion. The loom is split for easy insertion.

CONVOLUTED LOOM			
Part # per foot	Part # per 100' Roll	Part # per 500' Roll	Description
PCL-14	PCL-14-100	PCL-14-500	.250" ID black, split, flexible
PCL-38	PCL-38-100	PCL-38-500	.385" ID black, split, flexible
PCL-12	PCL-12-100	PCL-12-500	.50" ID black, split, flexible
PCL-34	PCL-34-100	PCL-34-500	.750" ID black, split, flexible



QCT-12



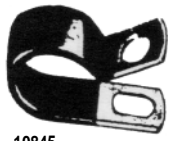
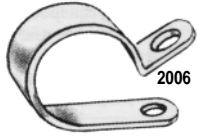
CT-1



PCL-38

Lights and Electrical

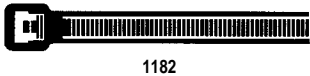
This wire loom clamp is used to mount wire looms to the frame or to any flat panel surface. We offer nylon and rubber-coated metal loom clamps. 100 per package.



LOOM CLAMP – NYLON	
Part #	Description
2006	Nylon loom clamp, .250" ID
784	Nylon loom clamp, .385" ID

LOOM CLAMP – RUBBER-COATED METAL	
Part #	Description
10845	Wire loom clamp, .385" ID
10847	Wire loom clamp, .50" ID

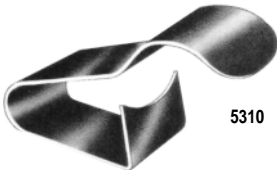
Our nylon cable ties are used for securing trailer wiring to the frame. 100 per package.



NYLON CABLE TIES				
Part #	Length	Width	Bundle Diameter Range	Tensile Strength
1182	5.6"	.13"	1/6" – 1/4"	30 lbs.
1183	8.5"	.13"	1/6" – 2"	40 lbs.
1189	14.1"	.187"	1/6" – 4"	50 lbs.
10940	7"	.185"	1/6" – 1 1/2"	50 lbs.

Note: 10940 is a mountable cable tie. Includes a mounting hole.

Frame clips are used to secure one or more wires to the frame or flat/panel surfaces. They are made of spring steel with a hard black enamel finish. 100 per package.



WIRE FRAME CLIP	
Part #	Description
5310	.385" ID wire clip
5311	.250" ID wire clip

Wire grommets are for use where wiring passes through frame members and side panels. It protects the wire jacket from rough edges and eliminates "shorts." 100 per package.

WG18



WIRE GROMMETS		
Part #	ID	Mount Hole
WG18	.125"	.1875"
WG38	.385"	.50"
WG34	.750"	1"

Flame retardant and weather resistant, this electrical tape is 3/4" wide, comes in a 60' roll and is UL approved.

5170

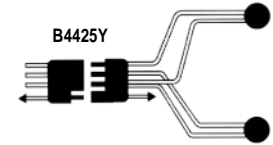


ELECTRICAL TAPE	
Part #	Description
5170	Electrical tape, 60' roll

Lights and Electrical

The complete wiring harness includes a vehicle plug and trailer harness, a 4 conductor harness to split at the trailer tongue and run down each side of the frame. It uses polarized flat connectors and color coded 18 gauge wires to meet SAE specifications.

TRAILER WIRING HARNESS	
Part #	Description
B3415Y	15' wiring harness
B3420Y	20' wiring harness
B3425Y	25' wiring harness
B3430Y	30' wiring harness
B3435Y	35' wiring harness
B3440Y	40' wiring harness
B4425Y	25' wiring harness, with tow vehicle plug
B4430Y	30' wiring harness, with tow vehicle plug



Bargman®

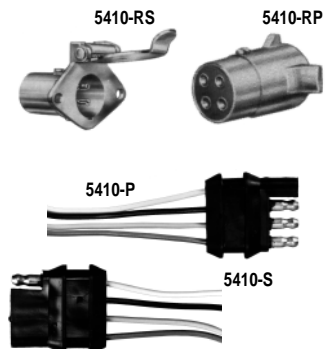
Molded harnesses make the difficult job simple. Wires and terminals are encapsulated in the molded connector for a weather-tight, non corrosive assembly.

MOLDED WIRE HARNESS			
Part #	Connector	Length	Gauge
5061104	6-Way plug	4'	14
5061106	6-Way plug	6'	14
5061108	6-Way plug	8'	14
5068004	6-Way socket	4'	14
5068007	6-Way socket	7'	14
5067001	7-Way plug	6'	(4)14 (1)12 (2)10
5067003	7-Way plug	8'	(4)14 (1)12 (2)10
5067004	7-Way socket	4'	(4)14 (1)12 (2)10



Connect your trailer lights (tail lights, stop lights, turn signals and ground) with 4 pole trailer connectors.

4 POLE TRAILER CONNECTOR		
Part #	Description	Style
5410-RS	4 pole connector socket	Round
5410-RSHD	4 pole connector socket, heavy duty	Round
5410-S	4 pole connector socket, w/48" wire	Flat
5410-RP	4 pole connector plug	Round
5410-RPHD	4 pole connector plug, heavy duty	Round
5410-P	4 pole connector plug, w/48" wire	Flat
5410	4 pole connector plug and socket, w/12" wire	Flat

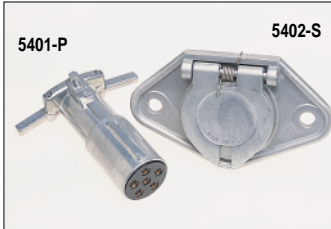


WWW.QTRAILER.COM

QUALITY TRAILER PRODUCTS CENTURY WHEEL & RIM POLAR TANK SERVICES

Lights and Electrical

Connect your trailer lights and brakes with 6 pole trailer connectors. Includes a stainless steel cover spring to help prevent water and rust damage.

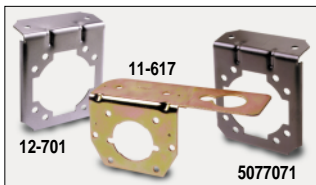


6 POLE TRAILER CONNECTOR		
Part #	Description	Style
5405-S	6 pole connector socket, Pollak	Round
5402-S	6 pole connector socket	Round
5403-P	6 pole connector plug, Pollak	Round
5401-P	6 pole connector plug	Round

Use on semi-trailers, campers and RVs.



7 POLE TRAILER CONNECTOR		
Part #	Description	Style
5407-S	7 pole connector socket	RV, blade type
5407-RS	7 pole connector socket	Round prong
5077003	7 pole connector socket	RV, blade type, plastic
5406-P	7 pole connector plug	RV, blade type
5406-RP	7 pole connector plug	Round prong
5077001	7 pole connector plug	RV, blade type, plastic



CONNECTOR BRACKETS	
Part #	Description
11-617	Zinc plated bracket for 6-way sockets
12-701	Zinc plated bracket for 7-way RV socket
5077071	Black bracket for 7-way RV sockets

Trailer connector adapters are for converting a 6 or 7-way round receptacle to a flat 4 or 6-way round plug. No other wiring or installation is necessary. The same vehicle can tow your horse or your boat trailer.



TRAILER CONNECTOR ADAPTER	
Part #	Description
TCA-624	Converts 6-way round receptacle to flat 4-way plug
TCA-724PN	Converts 7-way round pin receptacle to flat 4-way plug
TCA-726	Converts 7-way blade-type receptacle to 6-way plug
TCA-724	Converts 7-way blade-type receptacle to 4-way plug

This holder is designed to house your 6-way or 7-way trailer end connector. Black molded plastic holder mounts on the jackpost with provided cable-ties or the attached adhesive strip and can be mounted on any flat surface with provided screws.

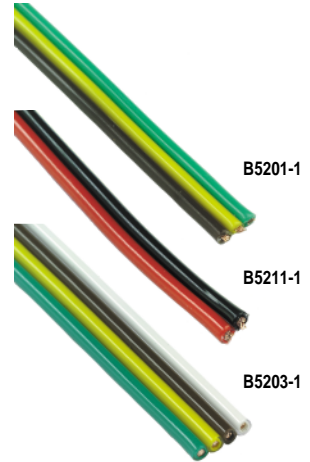


PLUG HOLDER	
Part #	Description
PS2	6-way and 7-way plug holder

Lights and Electrical

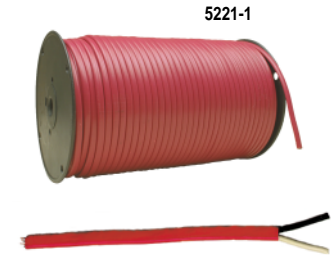
Two, three or four parallel conductors bonded together in a ribbon configuration. Each conductor is independently color coded for easy use and identification.

PARALLEL PRIMARY WIRE						
Part # 100' Roll	Part # 500' Roll	Part # 1,000' Roll	Part # 2,500' Roll	Gauge	Conductors	Colors
B5201-1	B5201-5	n/a	B5201-25	18 gauge	3	Yellow, brown, green
B5211-1	B5211-5	n/a	n/a	16 gauge	2	Red, black
B5202-1	B5202-5	n/a	B5202-25	16 gauge	3	Yellow, brown, green
B5203-1	B5203-5	B5203-10	n/a	16 gauge	4	Yellow, brown, green, white
n/a	5226-5	n/a	5226-25	14 gauge	2	Red, black



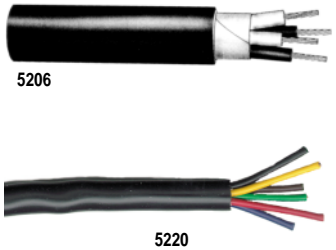
This jacketed duplex brake wire is made with two plastic insulated primary wires laid parallel and covered with a high quality plastic jacket. It has an oblong configuration and provides a compact cable and protects the insulated conductors. The wires are color coded for easy identification.

JACKETED DUPLEX BRAKE WIRE			
Part # 100' Roll	Part # 500' Roll	Gauge	Conductor Colors
n/a	5222-5	16 gauge	Black, white
5221-1	5221-5	14 gauge	Black, white
n/a	5223-5	12 gauge	Black, white



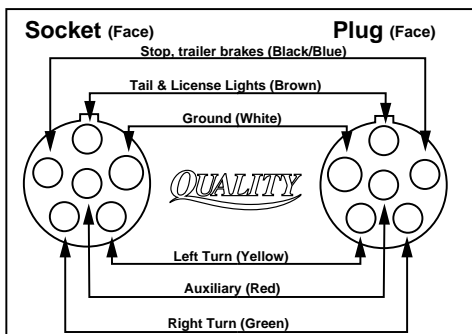
This trailer cable meets SAE and ATA specifications. The multi-conductor stranded copper wire is flexible even though each conductor is insulated in a heavy vinyl covering. The entire cable is vinyl jacketed for further protection against grease, oil, abrasion and weather. Sold by the foot.

Trailer Lighting Cable			
Part # per foot	Wires	Gauge	Conductor Colors
5206	4	14 gauge	Yellow/green/brown/red
5204	4	16 gauge	Yellow/green/brown/red
5220	6	14 gauge	Black/red/blue/green/yellow/brown
5205	6	16 gauge	Black/red/blue/green/yellow/brown
97771	7	(1) 10 ga, (6) 12 ga	10 ga-white, 12 ga-yellow/red/green/brown/blue/brown

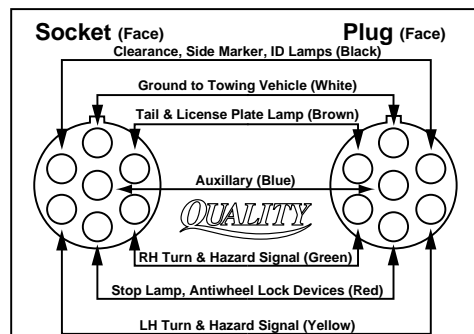


Wiring Tips

6-Way Plug Wiring Diagram



7-Way Round Plug Wiring Diagram



Lights and Electrical

This general purpose wire is widely used in the trailer and automotive industry. It is coated with plastic insulation and is resistant to chemicals. It is available in several colors, gauges and roll sizes.



5209-1BK



Primary Wire							
Part # 100' Roll	Part # 500' Roll	Gauge	Color	Part # 100' Roll	Part # 500' Roll	Gauge	Color
5208-1BK	n/a	10 gauge	Black	5210-1BK	5210-5BK	16 gauge	Black
5208-1B	n/a	10 gauge	Blue	5210-1R	5210-5R	16 gauge	Red
5208-1R	n/a	10 gauge	Red	5210-1W	5210-5W	16 gauge	White
5209-1BK	5209-5BK	12 gauge	Black	5210-1G	5210-5G	16 gauge	Green
5209-1B	5209-5B	12 gauge	Blue	5210-1BR	5210-5BR	16 gauge	Brown
5209-1R	5209-5R	12 gauge	Red	5210-1Y	5210-5Y	16 gauge	Yellow
5209-1W	5209-5W	12 gauge	White	5212-1BK	5212-5BK	18 gauge	Black
5211-1BK	5211-5BK	14 gauge	Black	5212-1B	5212-5B	18 gauge	Blue
5211-1R	5211-5R	14 gauge	Red	5212-1R	5212-5R	18 gauge	Red
5211-1W	5211-5W	14 gauge	White	5212-1W	5212-5W	18 gauge	White
5211-1G	5211-5G	14 gauge	Green	5212-1G	5212-5G	18 gauge	Green
5211-1BR	5211-5BR	14 gauge	Brown	5212-1BR	5212-5BR	18 gauge	Brown
5211-1Y	5211-5Y	14 gauge	Yellow	5212-1Y	5212-5Y	18 gauge	Yellow

Provides a fast and simple way of connecting wires from the connector to the trailer wiring.



JUNCTION BOX	
Part #	Description
5010160	6-way with 4 .46875" open and 4 closed grommets
5010170	7-way with 4 .625" open and 4 closed grommets

Litemate connectors join the vehicles factory wiring with a trailer connector. Ensures a weather tight connection.



47165

LITEMATE TRAILER CONNECTORS AND ACCESSORIES	
Part #	Description
47105	4-wire flat harness
47115	4-wire flat extension harness
47155	6-way connector harness, 4', plastic
47165	6-way connector harness, metal
47205	7-way RV blade connector harness, round
46105	Universal kit, common bulb turn signals
46155	Universal kit with connector, independent bulb turn signals
50918	Tow doctor, vehicle wiring test unit
50928	Tow doctor, trailer wiring test unit



50918



50928

Lights and Electrical

LITEMATE TRUCK WIRING KITS

Part #	Make/Model	Year
40125	Ford pickup F-150, F-250 Heavy Duty and F-350 Heavy Duty	'87-'98
40135	Ford pickup F-150, F-250 Light Duty	'97
40135	Ford Expedition	'97-'99
40145	Ford pickup F-150, F-250 Light Duty	'97-'99
40155	Ford pickup F-250 Heavy Duty, F-350	'99
40215	Ford Ranger Mazda pickup	'93-'99 '94-'99
40315	Ford Explorer/Mountaineer without tow package	'95-'99
40435	Ford Bronco	'92-'96
40605	Ford Windstar van	'95-'98
40655	Ford Van (full size)	'95-'99
40915	Ford Explorer/Mountaineer with tow package	'96-'99
41115	Chevy/GMC pickup Chevy/GMC S-10/S-15 pickup Chevy/GMC (full size) Blazer/Jimmy/Suburban	'85-'87 '85-'97 '85-'91
41125	Chevy/GMC pickup (full and dual wheel) Chevy/GMC Blazer/Suburban/Yukon/Tahoe (full size)	'88-'98 '92-'99
41135	Chevy/GMC S-10/S-15 pickup	'98-'99
41145	Chevy/GMC Silverado/Sierra	'99
41225	Chevy/GMC Blazer/Jimmy (downsize)	'95-'97
41305	Chevy/GMC Van (full size)	'87-'96
41325	Chevy/GMC Van Express/Savana	'96-'99
41365	Chevy/GMC Minivan Venture/Silhouette/Transport	'97-'99
42105	Dodge pickup (full size) Dodge Dakota Dodge Ram Charger	'87-'94 '88-'94 '88-'93
42115	Dodge pickup (full size) Dodge Dakota	'95-'99 '95-'99
42205	Dodge Minivans	'91-'95
42215	Dodge Minivans	'96-'99
42215	Dodge Durango	'98-'99
42305	Dodge Ram Vans	'93-'98
42455	Jeep Cherokee	'91-'96
42465	Jeep Cherokee	'97-'98
42525	Jeep Grand Cherokee with tow package	'95-'98
42535	Jeep Grand Cherokee	'99



41115



42205



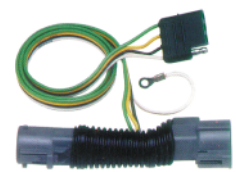
42525



"Flex-T" connectors are designed with OEM type connectors with a flexible center for installation in tight quarters. These gooseneck connectors come with a 4' lead wire and 4-way flat connector.

TAP FLEX-T CONNECTORS

Part #	Description
TAP375	'88-'98 Chevy/GMC
TAP376	'98-'99 Dodge
TAP408	'99 Ford



TAP408

Lights and Accessories

LIGHTING REQUIREMENTS

BASIC EQUIPMENT REQUIRED ON ALL TRAILERS

AREA	EQUIPMENT	DESCRIPTION SAE LENS CODING	FUNCTIONAL PURPOSE	MANDATORY REQUIREMENTS			
				QUANTITY	COLOR	LOCATION	HEIGHT IN. (MM) FROM THE GROUND
1	Tail Lamps	(T)	Indicate vehicle's presence and width	minimum 2	Red	Rear - symmetrical as far as practicable	15-72 (380-1830)
	Stop Lamps	(S)	Indicate braking presence and width	Minimum 2	Red	Rear - symmetrical as far as practicable	15-72 (380-1830)
	Rear Turn Signal Lamps	(I)	Indicate direction of turn	Minimum 2	Red or Yellow	Rear - symmetrical as far as practicable	15-83 (380-2110)
	Rear Reflex Reflectors	(A)	Indicate vehicle's presence and width	Minimum 2	Red	Rear - symmetrical as far as practicable facing rearward	15-60 (380-1530)
2	License Plate Lamp(s)	(L)	Illuminates license plate	Minimum 1	White	Rear - above or at the sides of license plate	No requirement
3	Rear Side Marker Lamps <small>*photometrically certified at installation angle</small>	(P2 or PC*)	Indicate vehicle's presence and length	Minimum 2	Red	Each side at rear as far back as practicable under 80° (2.032m) wide	15 - 60 (380 - 1530) no max. for veh.
	Rear Side Reflex Reflectors	(A)	Indicate vehicle's presence and length	Minimum 2	Red	Each side at rear as far back as practicable facing sideward	15 - 60 (380 - 1530)
4	Front Side Marker Lamps <small>*photometrically certified at installation angle</small>	(P2 or PC*)	Indicate vehicle's presence and length	Minimum 2	Yellow	Each side at front as far back as practicable	15 (380) min.
	Front Side Reflex Reflectors	(A)	Indicate vehicle's presence and length	Minimum 2	Yellow	Each side at front as far back as practicable facing sideward	15 - 60 (380 - 1530)

ADDITIONAL EQUIPMENT FOR TRAILERS EXCEEDING THE FOLLOWING PARAMETERS

Length 30 ft. (9.1m) or longer

AREA	EQUIPMENT	DESCRIPTION SAE LENS CODING	FUNCTIONAL PURPOSE	MANDATORY REQUIREMENTS			
				QUANTITY	COLOR	LOCATION	HEIGHT IN. (MM) FROM THE GROUND
5	Intermediate Side Marker Lamps	(P2)	Indicate presence of a long vehicle	Minimum 2	Yellow	Each side near center facing sideward	15 (380) minimum
	Intermediate Side Reflex Reflectors	(A)	Indicate presence of a long vehicle	Minimum 2	Yellow	Each side near center facing sideward	15 - 60 (380 - 1530)

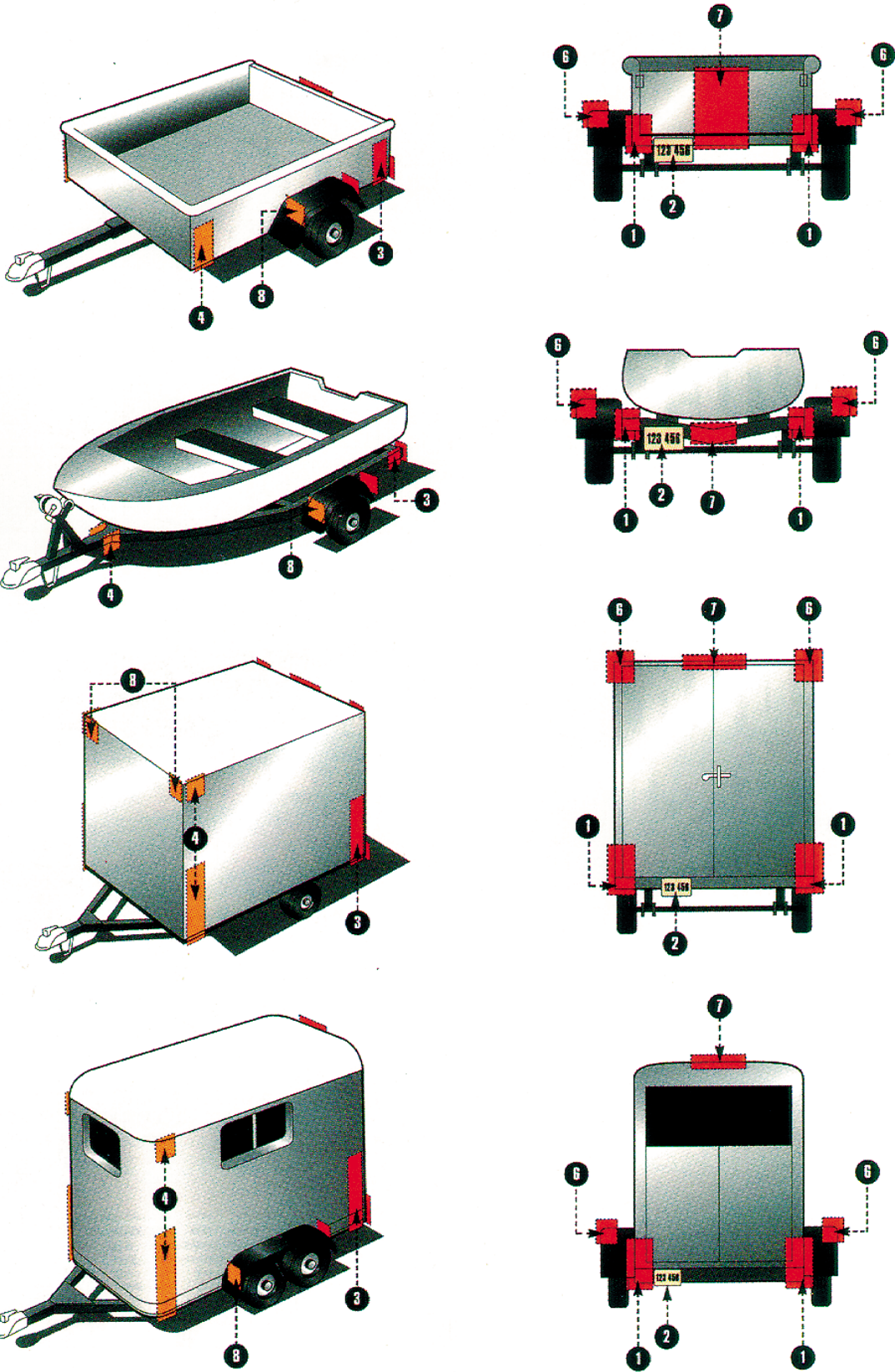
Width 80 in. (2.032m) or wider

AREA	EQUIPMENT	DESCRIPTION SAE LENS CODING	FUNCTIONAL PURPOSE	MANDATORY REQUIREMENTS			
				QUANTITY	COLOR	LOCATION	HEIGHT
6	Rear Clearance Lamps <small>*photometrically certified at installation angle</small>	(P2 or PC*)	Show vehicle's width MAY NOT be combined with tail lights	Minimum 2	Red	At widest point - symmetrical as far back as practicable facing rearward	As high as practicable may be lower if ID lamps are at the top
7	Rear Identification (ID) Lamps	(P2)	Indicate presence of a wide vehicle	Exactly 3	Red	Rear - horizontally spaced 6 in. (150mm) to 12 in. (300mm) apart centered - facing rearward	In Canada: at the top - may be lower if door header narrower than 25mm In USA: as high as practicable
8	Front Clearance Lamps <small>*photometrically certified at installation angle</small>	(P2 or PC*)	Show vehicle's width	Minimum 2	Yellow	At widest point - symmetrical as far forward as practicable facing forward	As high as practicable

Width 80 in. (2.032m) or wider and GVWR 10,000 lb. (4536 kg) or more

AREA	CONSPICUITY TREATMENT	DOT CODING	OPTIONS	MANDATORY REQUIREMENTS			
				QUANTITY	COLOR	LOCATION	HEIGHT
9	Rear Upper Body Markings	(DOT-C, -C2, -C3, -C4)	OPTIONAL IN CANADA: Rear lower body and side conspicuity treatment may also be solid white, solid yellow, or white and yellow.	Exactly 2 pairs	White	Rear upper corners facing forward	At the top
10	Bumper Bar Marking	(DOT-C, -C2, -C3, -C4)		Continuous	Red/White	Rear bumper bar's horizontal element full width - facing rearward	No requirement
11	Rear Lower Body Marking	(DOT-C, -C2, -C3, -C4)		Continuous	Red/White (see options)	Rear - not on bumper bar full width of the vehicle facing rearward	As horizontal as practicable and as close as practicable to the range of 15 to 60 in. (375 to 1525 mm) from the ground
12	Side Marking	(DOT-C, -C2, -C3, -C4)		See location	Red/White (see options)	Each side - facing sideward continuous, or evenly spaced over minimum of 50% of length, starts and ends at the extremes of the vehicle	As horizontal as practicable and as close as practicable to the range of 15 to 60 in. (375 to 1525 mm) from the ground

Lights and Electrical



NOTE: This is intended as a guide only, please check your local regulations.

Lights and Electrical

