

K-FOUR SWITCHES

MAILING ADDRESS
P.O. BOX 713168
SANTEE, CALIFORNIA 92072-3168

SHIPPING ADDRESS
3320 ZUMBROTA ROAD
ALPINE, CALIFORNIA 91901

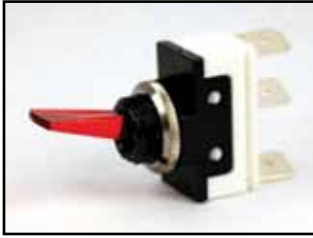
TEL: (619) 445-4103 • FAX: (619) 445-4548

WWW.K-FOUR.NET

#17



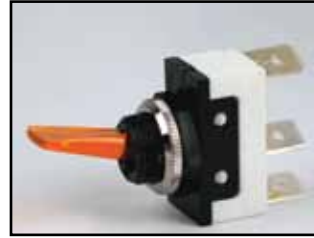
LEVER SWITCHES – LIGHTED



11-115 **RED LEVER**



11-116 **GREEN LEVER**



11-117 **AMBER LEVER**



11-118 **BLUE LEVER**

OFF-ON • 12 VOLT 20 AMP • SILVER CONTACTS • .65 INCH LEVER LENGTH • .250 INCH **TAB TERMINALS**
 .500 INCH MOUNTING HOLE • LEVER LIGHTS UP WHEN SWITCH IS IN 'ON' POSITION

INCANDESCENT BULB TIP



12-145 **RED TIP**



12-146 **GREEN TIP**



12-147 **AMBER TIP**



12-148 **BLUE TIP**

OFF-ON • 12 VOLT 15 AMP • SILVER CONTACTS • .71 INCH LEVER LENGTH • .250 INCH **TAB TERMINALS**
 .500 INCH MOUNTING HOLE • LEVER LIGHTS UP WITH SWITCH IS IN 'ON' POSITION

LED LIGHTED TIP



11-106 **RED TIP**



11-108 **GREEN TIP**



11-109 **BLUE TIP**

OFF-ON • 12 VOLT 30 AMP • SILVER CONTACTS • .65 INCH LEVER LENGTH • .250 INCH **TAB TERMINALS**
 .500 INCH MOUNTING HOLE • LEVER LIGHTS UP WHEN SWITCH IS IN 'ON' POSITION

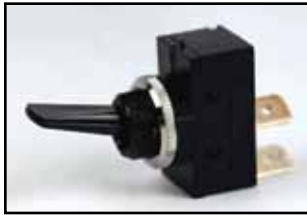


PART # 11-110 OFF-ON

12 VOLT 20 AMP – SINGLE POLE
 SILVER CONTACTS
 1 INCH LEVER LENGTH – **RED**
 .250 INCH **TAB TERMINALS**
 .500 INCH MOUNTING HOLE
 LEVER LIGHTS UP WHEN SWITCH IS IN 'ON' POSITION

LEVER SWITCHES — NON LIGHTED

**SINGLE POLE • .650 INCH FLAT LEVER
12 VOLT 20 AMP • .500 INCH MOUNTING HOLE**



PART #	OPERATION
11-120	OFF-ON
11-121	OFF-(ON)
11-122	ON-ON
11-123	ON-OFF-ON
11-124	(ON)-OFF-(ON)
.250 INCH TAB TERMINALS	

**MINI SWITCH • .400 INCH METAL LEVER
12 VOLT 5 AMP • .250 INCH MOUNTING HOLE**



PART #	OPERATION
12-110	ON-OFF-ON
SOLDER TERMINALS	

**SINGLE POLE • 12 VOLT 20 AMP • HEAVY DUTY • HAS LEVER O'RING SEAL
.687 INCH LEVER LENGTH • SILVER CONTACTS • .500 INCH MOUNTING HOLE**



.250 INCH **TAB TERMINALS**

PART #	OPERATION	PART #
12-100	OFF-ON	12-100ST
12-101	OFF-(ON)	12-101ST
12-102	ON-ON	12-102ST
12-103	ON-OFF-ON	12-103ST
12-104	(ON)-OFF-(ON)	12-104ST
() = MOMENTARY		



6-32 NC-2 **SCREW TERMINALS**

**SINGLE POLE • 12 VOLT 50 AMP • SUPER HEAVY DUTY
1.1 INCH LEVER LENGTH • H.D. .22 INCH DIAMETER COPPER CONTACTS • ZINC DIE CAST METAL BODY
#8 SCREW TERMINALS
.500 INCH MOUNTING HOLE**



CHROME METAL LEVER

PART #	OPERATION	PART #
12-121	OFF-ON	12-125
12-122	ON-OFF-ON	12-126
12-123	(ON)-OFF-(ON)	12-127
() = MOMENTARY		



BLACK METAL LEVER

**DOUBLE POLE • 12 VOLT 20 AMP • HEAVY DUTY • HAS LEVER O'RING SEAL
.687 INCH LEVER LENGTH • SILVER CONTACTS • .500 INCH MOUNTING HOLE**



.250 INCH **TAB TERMINALS**

PART #	OPERATION	PART #
12-200	OFF-ON	12-200ST
12-201	OFF-(ON)	12-201ST
12-202	ON-ON	12-202ST
12-203	ON-OFF-ON	12-203ST
12-204	(ON)-OFF-(ON)	12-204ST
() = MOMENTARY		



6-32 NC-2 **SCREW TERMINALS**

**PROGRESSIVE SWITCH • DOUBLE POLE • 12 VOLT 20 AMP • HAS LEVER O'RING SEAL
.687 INCH LEVER LENGTH • SILVER CONTACTS • .500 INCH MOUNTING HOLE**



.250 INCH **TAB TERMINALS**

PART #	OPERATION	PART #
12-212	OFF-ON 1-ON 2	12-212ST

NORMALLY USED FOR LIGHT SWITCH
FIRST ON CONTROLS PARKING LIGHTS OR WHIP
ANTENNA. SECOND ON CONTROLS HEADLIGHTS
BOTH CIRCUITS WILL BE ON

PART #	OPERATION	PART #
12-213	OFF-ON 1 (ON 2)	12-213ST

NORMALLY USED FOR STARTER SWITCH
FIRST ON CONTROLS IGNITION
SECOND MOMENTARY ON WILL ENGAGE STARTER



6-32 NC-2 **SCREW TERMINALS**

ROCKER SWITCHES — LIGHTED



14-305 **RED**



14-306 **GREEN**



14-307 **AMBER**



14-308 **BLUE**



14-309 **CLEAR**

OFF-ON • SINGLE POLE • 12 VOLT 20 AMP • SILVER CONTACTS • SNAP-IN MOUNTING
 CONTOURED BEZEL • BLACK MATTE FINISH • .250 INCH **TAB TERMINALS**
 ROCKER LIGHTS UP WHEN SWITCH IS IN 'ON' POSITION



14-320 **RED**



14-321 **GREEN**



14-322 **AMBER**



14-323 **BLUE**

OFF-ON • SINGLE POLE • 12 VOLT 10 AMP • SILVER CONTACTS • SNAP-IN MOUNTING
 MOUNTING HOLE .800 INCH • CONTOURED BEZEL • BLACK MATTE FINISH
.187 INCH TAB TERMINALS • ROCKER LIGHTS UP WHEN SWITCH IS IN 'ON' POSITION



14-231 **RED DOT**



14-232 **GREEN DOT**



14-233 **AMBER DOT**



14-234 **BLUE DOT**

OFF-ON • SINGLE POLE • 12 VOLT 20 AMP • SILVER CONTACTS • SNAP-IN MOUNTING
 MOUNTING HOLE .800 INCH • CONTOURED BEZEL • BLACK MATTE FINISH
.187 INCH TAB TERMINALS • LED DOT LIGHTS UP WHEN SWITCH IS IN 'ON' POSITION

OFF-ON SINGLE POLE SWITCH
 WITH INDEPENDENT LIGHT



12 VOLT 16 AMP
 PART # LENS COLOR
 14-250 **RED**
 .250 INCH **TAB TERMINALS**

OFF-ON SWITCH WITH DOT LIGHT
 DOT LIGHTS UP WHEN SWITCH IS IN
 'ON' POSITION



12 VOLT 16 AMP
 PART # DOT COLOR
 14-420 **RED**
 14-421 **GREEN**
 .250 INCH **TAB TERMINALS**

ROCKER SWITCHES — NON-LIGHTED

SINGLE POLE – 12 VOLT 20 AMP • SILVER CONTACTS • SNAP-IN MOUNTING • BLACK MATTE FINISH
 CONTOURED BEZEL • **HIGH INRUSH LOAD** • THIS SERIES FEATURES POSITIVE BREAK SWITCHING TO ENSURE
 RELIABLE ISOLATION WHEN HIGH INRUSH CURRENTS EXIST



PART #	OPERATION
14-100	OFF-ON
14-101	OFF-(ON)
14-102	ON-ON
14-103	ON-OFF-ON
14-104	(ON)-OFF-(ON)
()	= MOMENTARY

.250 INCH **TAB TERMINALS**



RED 'ON' INDICATOR

PART #	OPERATION
14-114	OFF-ON

.250 INCH **TAB TERMINALS**

DOUBLE POLE • 12 VOLT 20 AMP
 SILVER CONTACTS • SNAP-IN MOUNTING
 CONTOURED BEZEL • BLACK MATTE FINISH



PART #	OPERATION
14-200	OFF-ON
14-205	OFF-(ON)
14-210	ON-ON
14-220	ON-OFF-ON
14-225	(ON)-OFF-(ON)
()	= MOMENTARY

.250 INCH **TAB TERMINALS**

OFF-ON SINGLE POLE MINI ROCKER
 12 VOLT 10 AMP • SNAP-IN MOUNTING
 CONTOURED BEZEL • BLACK MATTE FINISH



PART #	OPERATION
14-140	OFF-ON

.187 INCH **TAB TERMINALS**

OFF-ON SINGLE POLE ROUND ROCKER
 12 VOLT 10 AMP • SNAP-IN MOUNTING
 CONTOURED BEZEL • BLACK MATTE FINISH



PART #	OPERATION
14-230	OFF-ON

.187 INCH **TAB TERMINALS**

OFF-ON SINGLE POLE ROUND ROCKER
 12 VOLT 10 AMP • SNAP-IN MOUNTING
 CONTOURED BEZEL • BLACK MATTE FINISH



RED 'ON' INDICATOR

PART #	OPERATION
14-229	OFF-ON

.187 INCH **TAB TERMINALS**

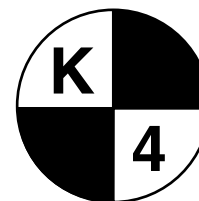
SPLASH RESISTANT • SINGLE POLE • 12 VOLT 20 AMP • SILVER CONTACTS • SNAP-IN MOUNTING
 BLACK MATTE FINISH • CONTOURED BEZEL • INTERNAL MOISTURE BARRIER



PART #	OPERATION
14-120	OFF-ON
14-121	OFF-(ON)
14-122	ON-ON

() = MOMENTARY

.250 INCH **TAB TERMINALS**



PUSH BUTTON SWITCHES — NON-LIGHTED

HEAVY DUTY • OFF MOMENTARY ON



PART #
15-100 WITH BLACK BOOT

12 VOLT 60 AMP
ZINC DIE CAST BODY HOUSING
HOUSING ROLLED OVER
INSULATOR TO SEAL OUT
DUST AND MOISTURE
SILVER CONTACTS
#8 SCREW TERMINALS
.625 INCH MOUNTING HOLE

MINIATURE PUSH BUTTON



PART #
15-101 PUSH ON—PUSH OFF
12 VOLT 10 AMP

15-102 PUSH MOMENTARY ON
12 VOLT 5 AMP

.375 INCH MOUNTING HOLE
4 INCH WIRE LEADS

SEE PART #13-131 AND 13-132 FOR SEALED VERSION

PUSH BUTTON MICRO SWITCH OFF – MOMENTARY ON



PART #
15-110 BLACK BUTTON

12 VOLT 10 AMP
.312 INCH BUTTON LENGTH
.250 INCH **TAB TERMINALS**
.500 INCH MOUNTING HOLE

PUSH BUTTON MICRO SWITCH WITH ALUMINUM GUARD OFF – MOMENTARY ON



PART #
15-112 **RED BUTTON**
15-113 BLACK BUTTON

12 VOLT 10 AMP
.250 INCH **TAB TERMINALS**
.500 INCH MOUNTING HOLE

PUSH BUTTON OFF – MOMENTARY ON



PART #
15-130 **RED BUTTON**

15-131 BLACK BUTTON

12 VOLT 16 AMP
.250 INCH **TAB TERMINALS**
1 INCH MOUNTING HOLE

PUSH BUTTON PUSH OFF – PUSH ON



PART #
15-132 **RED BUTTON**

15-133 BLACK BUTTON

12 VOLT 16 AMP
.250 INCH **TAB TERMINALS**
1 INCH MOUNTING HOLE

PUSH BUTTON MICRO SWITCH OFF – MOMENTARY ON 1.6 INCH MUSHROOM BUTTON



PART #
15-315 **RED BUTTON**

12 VOLT 10 AMP
.250 INCH **TAB TERMINALS**
.500 INCH MOUNTING HOLE

HEAVY DUTY PUSH–PULL 6 TO 28 VOLT D.C. 75 AMP



PART # 16-140

PULL ON—PUSH OFF
ZINC DIE CAST BODY
#8 COPPER SCREW
TERMINAL
.500 INCH MOUNTING HOLE
SEE PART #16-140S
FOR SEALED VERSION

PUSH BUTTON SWITCHES — LIGHTED

PUSH ON – PUSH OFF



PART #
15-135 **RED LENS**
15-136 **GREEN LENS**

12 VOLT 16 AMP
.250 INCH **TAB TERMINALS**
1 INCH MOUNTING HOLE

PUSH ON– PUSH OFF



PART #
15-120 **RED LENS**
15-121 **GREEN LENS**
15-122 **AMBER LENS**

12 VOLT 16 AMP
.250 INCH **TAB TERMINALS**
1 INCH MOUNTING HOLE

SEALED SWITCHES

TRIPLE SEALED

FLEXIBLE ACRYLIC COATING + T5 CLEAR VAPOR SEAL + LEVER BOOT COVER

SINGLE POLE • 12 VOLT 20 AMP • HEAVY DUTY • HAS LEVER O'RING SEAL
.687 INCH LEVER LENGTH • SILVER CONTACTS • .500 INCH MOUNTING HOLE



.250 INCH **TAB TERMINALS**

PART #	OPERATION	PART #
13-100	OFF-ON	13-100ST
13-101	OFF-(ON)	13-101ST
13-102	ON-OFF-ON	13-102ST
13-103	(ON)-OFF-(ON)	13-103ST
13-104	ON-ON	13-104ST

() = MOMENTARY



6-32 NC-2 **SCREW TERMINALS**

SINGLE POLE • 12 VOLT 50 AMP • SUPER HEAVY DUTY
1.1 INCH LEVER LENGTH • HEAVY DUTY • .22 INCH DIAMETER COPPER CONTACTS
ZINC DIE CAST METAL BODY • #8 SCREW TERMINALS • .500 INCH MOUNTING HOLE



CHROME LEVER

PART #	OPERATION	PART #
13-121	OFF-ON	13-125
13-122	ON-OFF-ON	13-126
13-123	(ON)-OFF-(ON)	13-127

() = MOMENTARY

19-503 REPLACEMENT BOOT – 15/32 THREAD



BLACK LEVER

DOUBLE POLE • 12 VOLT 20 AMP • HEAVY DUTY • HAS LEVER O'RING SEAL
.687 INCH LEVER LENGTH • SILVER CONTACTS • .500 INCH MOUNTING HOLE



.250 INCH **TAB TERMINALS**

PART #	OPERATION	PART #
13-200	OFF-ON	13-200ST
13-201	OFF-(ON)	13-201ST
13-210	ON-OFF-ON	13-210ST
13-211	(ON)-OFF-(ON)	13-211ST
13-212	ON-ON	13-212ST

() = MOMENTARY



6-32 NC-2 **SCREW TERMINALS**

PROGRESSIVE SWITCH • DOUBLE POLE • 12 VOLT 20 AMP • HAS LEVER O'RING SEAL
.687 INCH LEVER LENGTH • SILVER CONTACTS • .500 INCH MOUNTING HOLE



.250 INCH **TAB TERMINALS**

PART #	OPERATION	PART #
13-220	OFF-ON 1-ON 2	13-220ST

NORMALLY USED FOR LIGHT SWITCH
FIRST ON CONTROLS PARKING LIGHTS OR WHIP ANTENNA. SECOND ON CONTROLS HEADLIGHTS
BOTH CIRCUITS WILL BE ON

PART #	OPERATION	PART #
13-221	OFF-ON 1-(ON 2)	13-221ST

NORMALLY USED FOR STARTER SWITCH
FIRST ON CONTROLS IGNITION
SECOND MOMENTARY ON WILL ENGAGE STARTER



6-32 NC-2 **SCREW TERMINALS**

SEALED SWITCHES

TRIPLE SEALED

FLEXIBLE ACRYLIC COATING + T5 CLEAR VAPOR SEAL + LEVER BOOT COVER

OFF-ON SINGLE POLE • 12 VOLT 30 AMP • **LED TIP** • SILVER CONTACTS • BLACK LEVER
 .65 INCH LEVER LENGTH • .500 INCH MOUNTING HOLE • .250 INCH **TAB TERMINALS**
 LED LIGHTS UP WHEN SWITCH IS IN 'ON' POSITION



13-140 **RED TIP**



13-141 **GREEN TIP**



13-142 **BLUE TIP**

19-505 — REPLACEMENT BOOT • 12MM • .75 THREAD

OFF-ON SINGLE POLE • 12 VOLT 15 AMP • **INCANDESCENT LAMP TIP** • METAL LEVER
 LEVER LENGTH .71 INCH • SILVER CONTACTS • .500 INCH MOUNTING HOLE
 .250 INCH **TAB TERMINALS** • LEVER LIGHTS UP WHEN SWITCH IS IN 'ON' POSITION



13-145 **RED TIP**



13-146 **GREEN TIP**



13-147 **AMBER TIP**



13-148 **BLUE TIP**

19-503 — REPLACEMENT BOOT • 15/32 THREAD

MINIATURE PUSH BUTTON



PART #	OPERATION
13-131	PUSH MOMENTARY ON 12 VOLT 5 AMP
13-132	PUSH ON – PUSH OFF 12 VOLT 10 AMP
.375 INCH MOUNTING HOLE 4 INCH WIRE LEADS	
19-518	REPLACEMENT BOOT 3/8-27 THREAD

HEAVY DUTY PUSH PULL SWITCH 6 TO 28 VOLT D.C. 75 AMP



PART #	OPERATION
16-140S	PULL ON–PUSH OFF
ZINC DIE CAST BODY COPPER CONTACTS #8 SCREW TERMINALS .500 INCH MOUNTING HOLE	
19-503	REPLACEMENT BOOT 15/32 THREAD

TOGGLE SWITCH / CIRCUIT BREAKER

THIS SERIES TOGGLE SWITCH WITH BUILT-IN CIRCUIT BREAKER UTILIZES THE HYDRAULIC MAGNETIC PRINCIPLE WHICH PROVIDES PRECISE OPERATION AND PERFORMANCE EVEN WHEN EXPOSED TO EXTREME HOT OR COLD ENVIRONMENTS. -40F (-40C) TO +185F (+85C)

ENDURANCE — 10,000 CYCLES

10-32 SCREW TERMINALS — BUSS BAR COMPATIBLE

SHOCK — WITHSTANDS 100 Gs WHILE CARRYING RATED CURRENT

VIBRATION — WITHSTANDS 10 Gs 55-500 HZ TEST METHOD 204C, CONDITION A

12 VOLT D.C.



STANDARD
PART #

TRIPLE SEALED
PART #

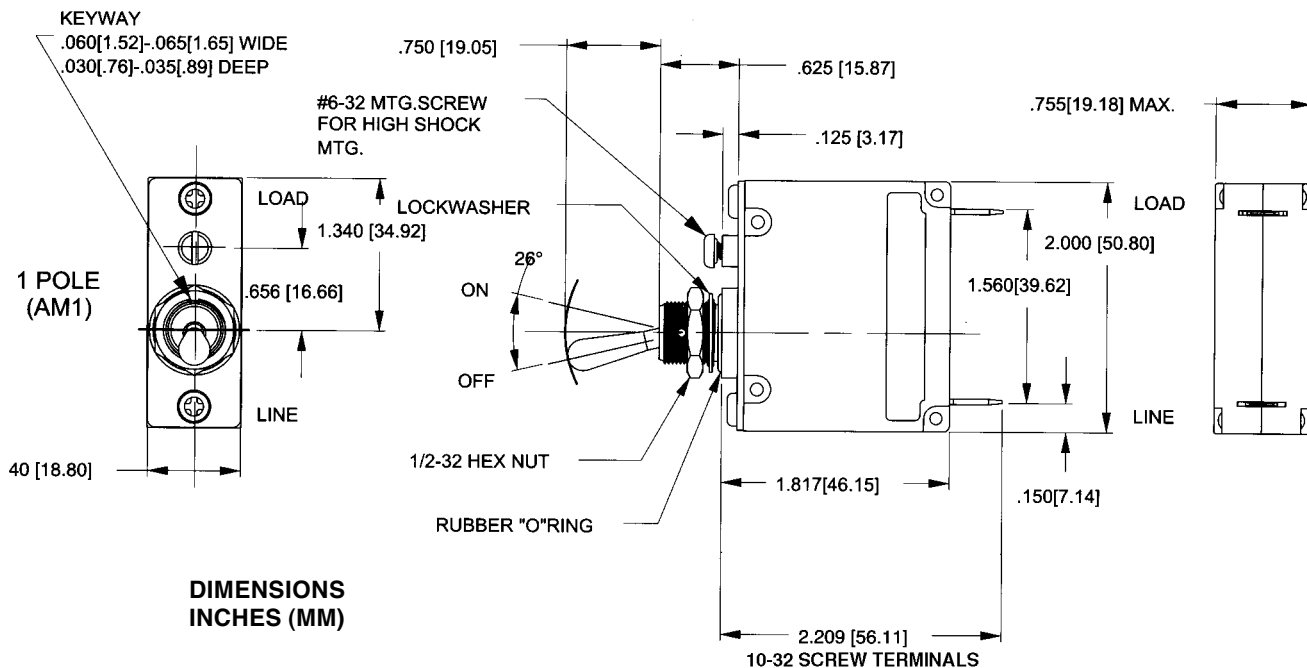
12-160-3	3 AMP	13-160-3
12-160-5	5 AMP	13-160-5
12-160-10	10 AMP	13-160-10
12-160-15	15 AMP	13-160-15
12-160-20	20 AMP	13-160-20
12-160-25	25 AMP	13-160-25
12-160-30	30 AMP	13-160-30
12-160-40	40 AMP	13-160-40
12-160-50	50 AMP	13-160-50

BOTH SERIES HAVE
SEAL AT TOGGLE LEVER



PART #	DESCRIPTION
19-506	BOOT FOR 12-160 AND 13-160 SERIES SWITCH

12-160 AND 13-160 SERIES TOGGLE SWITCH / CIRCUIT BREAKER



OTHER SWITCHES

HEAVY DUTY IGNITION SWITCHES

IGNITION SWITCH • 3 POSITION
ACCESSORY-OFF-ON

PART #16-111



8-32 SCREW CONNECTORS

KEY REMOVABLE IN OFF POSITION
VARIOUS KEY CODES
HEAVY DUTY ONE PIECE ZINC DIE CAST HOUSING
INTERNALLY LUBRICATED FOR LONGER LIFE
50,000 CYCLES
SOLID COPPER CONTACTS AND WIPER
1 INCH MOUNTING HOLE

RATINGS AT 12 VOLT DC

IGNITION SWITCH • 4 POSITION
ACCESSORY-OFF-ON-START

PART #16-112



10-32 STUD CONNECTORS

ACC. 30 AMP (WITH 10 GA. WIRE)-IGN. 8 AMP-START 20 AMP

HEADLIGHT SWITCH
OFF-ON-ON



PART # 16-141

12 VOLT 15 AMP
3 POSITION
HAS PARKING LIGHT POSITION
5 #8 SCREW TERMINALS
BLACK KNOB
.500 INCH MOUNTING HOLE

HEADLIGHT SWITCH WITH DIMMER POSITION
OFF-ON-ON 12 VOLT 20 AMP



PART # 16-142

3 POSITION
TURN KNOB TO DIM DASH LIGHTS
HAS PARKING LIGHT POSITION
5 #8 SCREW TERMINALS
HAS 20 AMP CIRCUIT BREAKER
BRIGHT METAL KNOB
.500 INCH MOUNTING HOLE

BATTERY CUT OFF • HEAVY DUTY CONTACTS • 12 VOLT • 1000 AMP IN RUSH LOAD
180 AMP CONTINUOUS LOAD • ONE PIECE DIE CAST HOUSING • O-RING SEALED AT BASE AND MOUNTING STEM
.750 INCH MOUNTING HOLE • MEETS **UL 558** REQUIREMENTS



PART # 16-121
LEVER OPERATED



PART # 16-122
KEY OPERATED
KEY REMOVABLE IN
OFF POSITION

PART # 16-122K
REPLACEMENT KEYS
QTY 2

BATTERY CUT OFF
KEY OPERATED



PART # 16-120
12 VOLT
1000 AMP IN LOAD RUSH
50 AMP CONTINUOUS DUTY
KEY REMOVABLE IN OFF
POSITION
.825 INCH MOUNTING HOLE

REPLACEMENT KEY FOR
16-120 BATTERY SWITCH



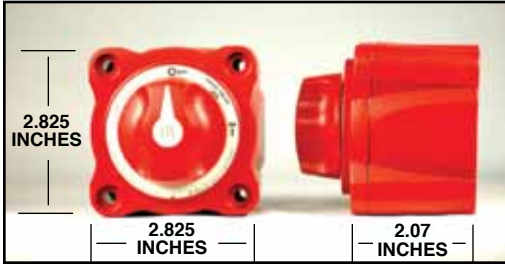
PART # 16-120K

BATTERY CUT OFF SWITCH — 300 AMP CONTINUOUS LOAD



16-125

CASE DESIGN ALLOWS SURFACE, REAR, OR FRONT MOUNT
 TIN PLATED COPPER STUDS FOR MAXIMUM CONDUCTIVITY
 STUDS ACCEPT 3/8 RING TERMINALS
 CRANKING RATING — 10 SECONDS 1500 AMP
 INTERMITTENT RATING — 5 MINUTES 500 AMP
 CONTINUOUS RATING — 300 AMP
 CABLE SIZE TO MEET RATINGS — 4/0 AWG
 UL LISTED — UL 1107 ELECTRIC POWER SWITCH
 MEETS UL 1500 AND SAE J1171 IGNITION PROTECTION
 REQUIREMENTS



PART	DESCRIPTION
16-125	SINGLE BATTERY
16-126	DUAL BATTERY

16-126 HAS MAKE BEFORE BREAK CONTACT DESIGN — WHICH
 ALLOWS SWITCHING BETWEEN BATTERIES WITHOUT POWER
 INTERRUPTION.



SURFACE MOUNT



REAR MOUNT

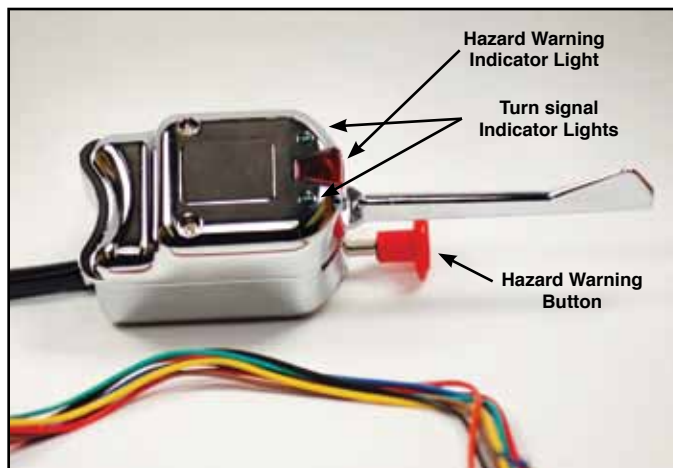


FRONT MOUNT

CASE DESIGN ALLOWS THREE WAYS TO MOUNT BATTERY SWITCH

TURN SIGNAL SWITCH

**UNIVERSAL SIGNAL AND
 HAZARD WARNING SWITCH**



PART #16-105

SWITCH GUARDS

**PREVENTS ACCIDENTAL ACTUATION OF SWITCH
FLIP UP TO TURN SWITCH ON • FLIP DOWN TO TURN OFF**



15-530 **RED**



15-531 **GREEN**



15-532 **YELLOW**



15-533 **BLUE**



15-534 **BLACK**

SWITCH GUARD WITH SWITCH

**SINGLE POLE • 12 VOLT 20 AMP • HEAVY DUTY • HAS LEVER O’RING SEAL
.687 LEVER LENGTH • SILVER CONTACTS • .500 INCH MOUNTING HOLE**



PART # 19-550
OPERATION OFF-ON

.250 INCH **TAB TERMINAL**
SWITCH IS 12-100



TRIPLE SEALED
PART # 19-551
OPERATION OFF-ON

.250 INCH **TAB TERMINAL**
SWITCH IS 13-100

SWITCH BOOTS FOR 1200 & 1300 SWITCHES — 15/32 THREADS



19-504
BLACK



19-520
RED



19-521
GRAY



19-522
BLUE



19-530
PINK



19-531
GREEN



19-532
ORANGE

PUSH BUTTON SWITCH COVER FOR 15-100



19-510 **BLACK**



19-511 **RED**



19-512 **YELLOW**

SWITCH HARDWARE 15-32 THREAD



19-559
CHROME KNURLED



19-560
METAL HEX NUT



19-561
BLACK KNURLED



19-562
OFF-ON PLATE

LIGHT EMITTING DIODE (LED) INDICATOR LIGHTS

6 VOLT • 12 VOLT • 24 VOLT

12 VOLT STANDARD • 6 VOLT ADD 6V TO PART NUMBER • 24 VOLT ADD 24V TO PART NUMBER
 CHROME PLATED BRASS HOUSING • HEX NUT FASTENER • NYLON INSULATOR • 4 INCH WIRE LEADS
 CURRENT – STANDARD 30 MA • FLASHING 70 MA • ESTIMATED LIFE 100,000 HOURS
 .312 INCH MOUNTING HOLE • .375 INCH BEZEL DIAMETER • PANEL THICKNESS UP TO .250 INCH
 LEDs ARE POLARITY SENSITIVE • BLACK WIRE TO GROUND

CHROME BEZEL



COLOR

RED
 GREEN
 AMBER
 BLUE

STANDARD

17-100
 17-101
 17-102
 17-106

FLASHING

17-150
 17-151
 17-152

SUPER BRIGHT

17-130
 17-131
 17-132

EXTRA SUPER BRIGHT

17-170
 17-169
 17-168

BLACK BEZEL



COLOR

RED
 GREEN
 AMBER
 BLUE

STANDARD

17-103
 17-104
 17-105
 17-107

FLASHING

17-153
 17-154
 17-155

SUPER BRIGHT

17-143
 17-144
 17-145

EXTRA SUPER BRIGHT

17-171
 17-172
 17-173

JUMBO LED WITH BLACK BEZEL



COLOR

RED
 GREEN

STANDARD

17-175
 17-176

FLASHING

17-180
 17-181



12 VOLT STANDARD • 6 VOLT ADD 6V TO PART NUMBER • 24 VOLT ADD 24V TO PART NUMBER
 BLACK POLYCARBONITE HOUSING • SNAP-IN MOUNTING • 4 INCH WIRE LEADS
 CURRENT – STANDARD 30 MA • FLASHING 70 MA • ESTIMATED LIFE 100,000 HOURS
 .472 INCH MOUNTING HOLE • .550 INCH BEZEL DIAMETER • PANEL THICKNESS .062 TO .125 INCH
 LEDs ARE POLARITY SENSITIVE • BLACK WIRE TO GROUND

1500 SERIES

INDICATOR LIGHTS

1700 SERIES

12 VOLT • NON REPLACEABLE BULB



PART #	COLOR
15-140	RED
15-141	GREEN
15-142	AMBER

SNAP-IN MOUNTING
 1.00 INCH MOUNTING HOLE
 1.10 INCH BEZEL DIAMETER
 .250 TAB TERMINALS
 MATCH 15-135 SWITCHES



PART #	COLOR
17-250	RED
17-251	GREEN

SNAP-IN MOUNTING
 MOUNTING HOLE .490 X 1.1 INCH
 .250 TAB TERMINALS

460 SERIES - SMALL

210 SERIES - MINI

12 VOLT • NON REPLACEABLE BULB



PART #	COLOR
17-465	RED
17-466	GREEN
17-467	AMBER
17-468	BLUE

CHROME BEZEL .635" DIA.
 SNAP-IN MOUNTING
 .500 INCH MOUNTING HOLE
 5 INCH WIRE LEADS



PART #	COLOR
17-210	RED
17-211	GREEN
17-212	AMBER

CHROME BEZEL .375" DIA.
 .312" MOUNTING HOLE
 HEX NUT FASTENERS
 5 INCH WIRE LEADS

214 SERIES - MINI

12 VOLT • NON REPLACEABLE BULB

.385 INCH BEZEL DIAMETER • SNAP-IN MOUNTING • .312 INCH MOUNTING HOLE
 PANEL THICKNESS TO .0629 INCH - FOR THICKER PANELS, A PUSH ON LOCK RING IS AVAILABLE - PART #19-565
 5 INCH WIRE LEADS STANDARD



COLOR	BLACK BEZEL	CHROME BEZEL
RED	17-214	17-214-1
GREEN	17-215	17-215-1
AMBER	17-216	17-216-1
BLUE	17-217	17-217-1
CLEAR	17-218	17-218-1



470 SERIES - SMALL

12 VOLT • NON REPLACEABLE BULB

.525 INCH BEZEL DIAMETER • SNAP-IN MOUNTING • .500 INCH MOUNTING HOLE
 PANEL THICKNESS TO .093 INCH • 5 INCH WIRE LEADS STANDARD



17-470 RED



17-471 GREEN



17-472 AMBER



17-474 CLEAR

INDICATOR SIZING

	BEZEL DIAMETER	MOUNTING HOLE DIAMETER
MINI	.375 TO 3.85 INCH	.312 INCH
SMALL	.525 TO .635 INCH	.500 INCH
LARGE	.900 INCH	.750 INCH
JUMBO	1.250 INCH	1.000 INCH

410 SERIES • SMALL • CHROME BEZEL

12 VOLT (2 WATT) • 24 VOLT (2 WATT) • REPLACEABLE BULB

.635 INCH BEZEL DIAMETER • SNAP-IN MOUNTING • .500 INCH MOUNTING HOLE
 PANEL THICKNESS TO .044 INCH • FOR THICKER PANELS A PUSH-ON LOCK RING IS AVAILABLE - PART #19-566
 .250 INCH TAB TERMINALS • **24 VOLT ADD -24V TO PART NUMBER**



17-410 **RED**



17-411 **GREEN**



17-412 **AMBER**



17-413 **BLUE**



17-414 **CLEAR**

430 SERIES • LARGE • CHROME OR BLACK BEZEL

12 VOLT (2 WATT) • 24 VOLT (2 WATT) • REPLACEABLE BULB

.900 INCH BEZEL DIAMETER • THREADED NUT MOUNTING • .750 INCH MOUNTING HOLE
 PANEL THICKNESS TO .250 INCH • .250 INCH TAB TERMINALS • FOR BLACK BEZEL REMOVE CHROME RING
24 VOLT ADD -24V TO PART NUMBER • FLASHING NOT AVAILABLE IN **24 VOLT**



RED



GREEN



AMBER



BLUE



CLEAR

STANDARD **17-430**
 FLASHING **17-430F**

17-431
17-431F

17-432
17-432F

17-433
17-433F

17-434
17-434F

440 SERIES • JUMBO • CHROME BEZEL

12 VOLT (2 WATT) • 24 VOLT (2 WATT) • REPLACEABLE BULB

1.250 INCH BEZEL DIAMETER • THREADED NUT MOUNTING • 1.00 INCH MOUNTING HOLE
 PANEL THICKNESS TO .342 INCH • .250 INCH TAB TERMINALS •
24 VOLT ADD -24V TO PART NUMBER • FLASHING NOT AVAILABLE IN **24 VOLT**



RED



GREEN



AMBER



BLUE



CLEAR

STANDARD **17-440**
 FLASHING **17-440F**

17-441
17-441F

17-442
17-442F

17-443
17-443F

17-444
17-444F

INDICATOR LIGHT LENS

430 SERIES - LARGE



PART #	COLOR
17-430L	RED
17-431L	GREEN
17-432L	AMBER
17-433L	BLUE
17-434L	CLEAR

440 SERIES - JUMBO



PART #	COLOR
17-440L	RED
17-441L	GREEN
17-442L	AMBER
17-443L	BLUE
17-444L	CLEAR

430 SERIES • LARGE INDICATOR LIGHTS • ENGRAVED



LOGO

OIL
IGN
ALT
PWR
LTS
HOT
4WD
NOS

RED

17-430-05
17-430-06
17-430-07
17-430-08
17-430-09
17-430-10
17-430-11
17-430-00

GREEN

17-431-05
17-431-06
17-431-07
17-431-08
17-431-09
17-431-10
17-431-11
17-431-00

AMBER

17-432-05
17-432-06
17-432-07
17-432-08
17-432-09
17-432-10
17-432-11
17-432-00

BLUE

17-433-05
17-433-06
17-433-07
17-433-08
17-433-09
17-433-10
17-433-11
17-433-00

12 VOLT STANDARD • 24 VOLT ADD -24V TO PART NUMBER - EXAMPLE 17-430-05-24V
FLASHING (12 VOLT ONLY) ADD F TO PART NUMBER - EXAMPLE 17-430F-05
LENS ONLY ADD L TO PART NUMBER - EXAMPLE 17-430L-05

440 SERIES • LARGE INDICATOR LIGHTS • ENGRAVED



LOGO

OIL
IGN
ALT
PWR
LTS
HOT
4WD
NOS

RED

17-440-05
17-440-06
17-440-07
17-440-08
17-440-09
17-440-10
17-440-11
17-440-00

GREEN

17-441-05
17-441-06
17-441-07
17-441-08
17-441-09
17-441-10
17-441-11
17-441-00

AMBER

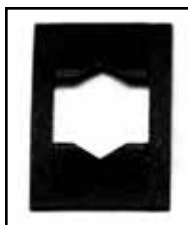
17-442-05
17-442-06
17-442-07
17-442-08
17-442-09
17-442-10
17-442-11
17-442-00

BLUE

17-443-05
17-443-06
17-443-07
17-443-08
17-443-09
17-443-10
17-443-11
17-443-00

12 VOLT STANDARD • 24 VOLT ADD -24V TO PART NUMBER - EXAMPLE 17-440-05-24V
FLASHING (12 VOLT ONLY) ADD F TO PART NUMBER - EXAMPLE 17-440F-05
LENS ONLY ADD L TO PART NUMBER - EXAMPLE 17-440L-05

INDICATOR LIGHT PARTS



PART #19-565

PUSH ON RETAINING WASHER

FITS 17-214 SERIES
INDICATOR LIGHT

4 PER PACK



PART #19-566

PUSH ON RETAINING WASHER

FITS 17-410 AND 17-500 SERIES
INDICATOR LIGHTS

4 PER PACK

BULBS



PART #19-300

12 VOLT 2 WATT
CURRENT DRAW — .016 AMP
72 OHMS
FITS 17-410 AND 17-500 SERIES
INDICATOR LIGHTS

BA 7S BASE

2 PER PAK



PART #19-312

12 VOLT 2 WATT
CURRENT DRAW — .016 AMP
72 OHMS
FITS 17-430 AND 17-440 SERIES
INDICATOR LIGHTS

BA 9S BASE

2 PER PAK



PART #19-316

24 VOLT 2 WATT
CURRENT DRAW — .083 AMP
288 OHMS
FITS 17-410 AND 17-500 SERIES
INDICATOR LIGHTS

BA 7S BASE

2 PER PAK



PART #19-313

12 VOLT 2 WATT — **FLASHING**
CURRENT DRAW — .016 AMP
72 OHMS
FITS 17-430 AND 17-440 SERIES
INDICATOR LIGHTS

BA 9S BASE

2 PER PAK



PART #19-299

BULB SOCKET
FITS 17-410 AND 17-500 SERIES
INDICATOR LIGHTS

BA 7S BASE

1 PER PAK



PART #19-318

24 VOLT 2 WATT
CURRENT DRAW — .083 AMP
288 OHMS
FITS 17-430 AND 17-440 SERIES
INDICATOR LIGHTS

BA 9S BASE

1 PER PAK

LED BULB



PART #	COLOR
19-320 A	AMBER
19-320 B	BLUE
19-320 C	CLEAR
19-320 G	GREEN
19-320 R	RED

12 VOLT
CURRENT DRAW — 19 MA

FITS 17-410 AND 17-500 SERIES
INDICATOR LIGHT

BA 7S BASE

1 PER PAK

LED BULB



PART #	COLOR
19-321 A	AMBER
19-321 B	BLUE
19-321 C	CLEAR
19-321 G	GREEN
19-321 R	RED

12 VOLT
CURRENT DRAW — 21 MA

FITS 17-430 AND 17-440 SERIES
INDICATOR LIGHT

BA 9S BASE

1 PER PAK

MATCH BULB COLOR TO INDICATOR LIGHT COLOR FOR BEST RESULTS



H3 BULB

PART #	DESCRIPTION
19-325	55 WATT — CURRENT DRAW 5 AMP
19-326	100 WATT — CURRENT DRAW 8 AMP

CIRCUIT BREAKERS

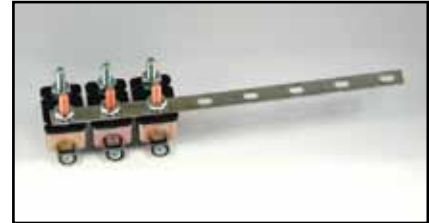
12 VOLT DC — AUTO RESET • MADE IN THE U.S.A.

AUTOMATIC RESET • CIRCUIT BREAKER WILL CYCLE CONTINUOUSLY DURING AN OVER CURRENT CONDITION, THIS PROCESS WILL CONTINUE UNTIL OVER CURRENT IS CORRECTED • OPERATING TEMPERATURE -10°F TO 150°F • THESE HIGH QUALITY CIRCUIT BREAKERS WILL RUN CONTINUOUSLY AT 100% AT 77°F
SIZE YOUR CIRCUIT BREAKER – CURRENT DRAW 75 TO 80% OF CIRCUIT BREAKER RATING
EXAMPLE: 8 AMP DRAW - USE A 10 AMP CIRCUIT BREAKER • COMPLIES WITH SAE STANDARD J533



WITH MOUNTING TABS

PART #	RATING
19-113	15 AMP
19-114	20 AMP
19-115	25 AMP
19-116	30 AMP
19-117	40 AMP



CIRCUIT BREAKERS SHOWN WITH BUS BAR



SNAP IN MOUNTING

PART #	RATING
19-120	15 AMP
19-121	20 AMP
19-122	25 AMP
19-123	30 AMP
19-124	40 AMP



CIRCUIT BREAKERS SHOWN WITH SNAP IN MOUNT



SNAP IN MOUNT FOR 6 CIRCUIT BREAKERS

PART #
19-130

PART #
19-131



BUS BAR

PUSH TO RESET RATED TO 32 VOLT DC • 250 VOLT AC

SINGLE POLE THERMAL TYPE • .250 TAB TERMINALS
 OPERATING TEMPERATURE -10°F TO 150°F
 MEETS **UL 1077** STANDARD

.250 TAB TERMINAL
 19-160 – SERIES



#10 SCREW TERMINAL
 HEAVY DUTY – 19-166 SERIES
 LARGER THAN 19-160 SERIES



PART #	RATING
19-160-3	3 AMP
19-160-5	5 AMP
19-160-10	10 AMP
19-160-15	15 AMP
19-160-20	20 AMP

PART #	RATING
19-166-3	3 AMP
19-166-5	5 AMP
19-166-10	10 AMP
19-166-15	15 AMP
19-166-20	20 AMP
19-166-25	25 AMP
19-166-30	30 AMP
19-166-40	40 AMP

PUSH TO RESET 12 VOLT ATC CIRCUIT BREAKER

SINGLE POLE THERMAL TYPE
 OPERATING TEMPERATURE -10°F TO 150°F
 COMPLIES WITH **SAE J553** STANDARD
 FITS ATC FUSE PANEL – PART #19-139



PART #	RATING
19-105	10 AMP
19-106	15 AMP
19-107	20 AMP
19-108	25 AMP
19-109	30 AMP

CIRCUIT BREAKER BOOTS



FITS 19-160 AND 19-166
 SERIES CIRCUIT
 BREAKERS

ALARMS • BUZZERS • RELAYS

SIMULATED ALARM KIT



PART # 20-125
 LOW CURRENT FLASHING
 LED • 70 MA • 12 VOLT
 PUSH ON-PUSH OFF SWITCH

AUTO DISABLER



PART # 20-126
 LOW CURRENT FLASHING
 LED • 70 MA • 12 VOLT
 ON-ON 20 AMP SWITCH
 DISABLES IGNITION OR
 ELECTRIC FUEL PUMP

LED FLASHES WHEN SYSTEM IS ACTIVATED • WIRING INSTRUCTIONS INCLUDED

BUZZER 12 VOLT DC



PART # 16-200
 85 DB AT 12 INCHES
 2150 HERTZ
 5 INCH WIRE LEADS
 RED WIRE TO POSITIVE

HI-LOW BUZZER 12 VOLT DC



PART # 16-203
 78 DB
 3200 HERTZ
 4 INCH WIRE LEADS
 RED WIRE TO POSITIVE

RELAY • 12 VOLT DC



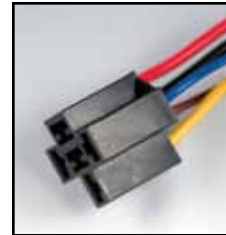
PART # 22-100
 NORMALLY OPEN
 CONTACTS - 40 AMP
 NORMALLY CLOSED
 CONTACTS - 20 AMP

RELAY SOCKET KIT



PART # 22-102

RELAY SOCKET



PART # 22-101
 15 INCH
 WIRE LEADS

POWER SOURCE • GROMMETS • CLAMPS • HOLE PLUGS

POWER SOURCE (LIGHTER SOCKET)



PART #
 22-110 SOCKET
 22-110C CAP

CUSHION CLAMPS



QTY PER PAK 4
PART # SIZE
 40-371 1/4 INCH
 40-372 3/8 INCH
 40-373 1/2 INCH
 40-374 5/8 INCH
 40-375 3/4 INCH
 40-376 7/8 INCH
 40-377 1 INCH

ALUMINUM CLAMP • NEOPRENE JACKET

GROMMETS



QTY PER PAK 6
PART # SIZE
 19-331 1/8 INCH
 19-332 3/16 INCH
 19-333 1/4 INCH
 19-334 5/16 INCH
 19-335 3/8 INCH

QTY PER PAK 4
PART # SIZE
 19-336 7/16 INCH
 19-337 1/2 INCH
 19-338 9/16 INCH
 19-339 5/8 INCH
 19-340 3/4 INCH

QTY PER PAK 2
 19-341 7/8 INCH
 19-342 1 INCH

HOLE PLUGS • SNAP IN



QTY PER PAK 4
PART # SIZE
 19-200 1/4 INCH
 19-201 3/8 INCH
 19-202 1/2 INCH
 19-203 5/8 INCH
 19-204 3/4 INCH
 19-205 1 INCH

MATTE BLACK FINISH

FUSE HOLDERS

ATC FUSE BLOCK



PART # 19-139
ACCEPTS ATC BLADE FUSES OR ATC CIRCUIT BREAKERS
.250 INCH TERMINALS
6 CIRCUITS · 30 AMP MAX. PER CIRCUIT
10-32 INPUT TERM.
150 AMP MAX.
RECESSED HOLES FOR FUSES

IN LINE FUSE HOLDER



PART #	DESCRIPTION
19-099	ATC — 12 GA WIRE 25 TO 30 AMP
19-100	ATC — 16 GAUGE WIRE UP TO 20 AMP
19-101	AGC — 16 GA WIRE UP TO 20 AMP
19-102	AGC - 12 GA WIRE 25 TO 30 AMP



FUSE NOT INCLUDED

3 AG FUSE BLOCK



PART #	CIRCUITS
19-140	6

BREAK-A-WAY DESIGN
MOUNT ONE TO SIX FUSES
UP TO 30 AMP PER CIRCUIT



PART #	CIRCUITS
19-141	12

BREAK-A-WAY DESIGN
MOUNT ONE TO TWELVE FUSES
UP TO 30 AMP PER CIRCUIT

ATC FUSE BLOCK WITH COVER



19-138
6 CIRCUITS

6 TO 32 VOLTS DC
15 AMP PER CIRCUIT – MAX
.250 INCH TAB TERMINALS
WATER RESISTANT COVER

PART #	DESCRIPTION
19-137	4 CIRCUITS
19-138	6 CIRCUITS



WATER RESISTANCE COVER
WITH RUBBER SEAL

ATC FUSE BLOCK WITH COVER

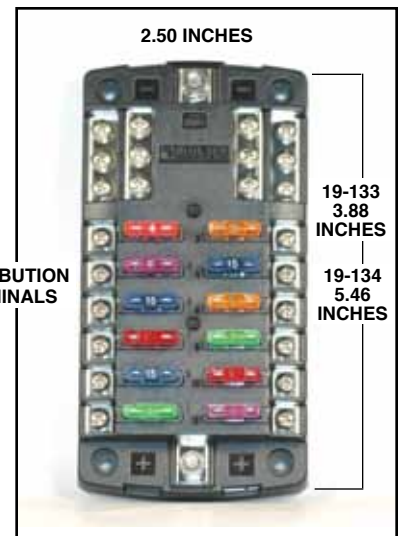


19-134

6 TO 32 VOLTS DC
30 AMP PER CIRCUIT
100 AMP PER FUSE BLOCK
8-32 SCREW TERMINALS

DISTRIBUTION SCREW TERMINALS AT TOP OF FUSE BLOCK

PART #	DESCRIPTION
19-133	6 CIRCUITS
19-134	12 CIRCUITS FUSES NOT INCLUDED



DISTRIBUTION
TERMINALS

2.50 INCHES

19-133
3.88
INCHES

19-134
5.46
INCHES

WEATHER PAK CONNECTORS

CONNECTOR HOUSINGS – MADE IN THE U.S.A.

SNAP ACTION LOCKING FOR HOUSINGS • STOPS IN CAVITIES TO INSURE PROPER INSTALLATION OF TERMINALS
HOUSINGS ARE INDEXED FOR PROPER CONNECTING
TERMINALS • PLUGS • SEALS • SOLD SEPARATELY



PART #	
22-121	1 CIRCUIT
22-122	2 CIRCUIT
22-124	4 CIRCUIT
22-126	6 CIRCUIT



BULK QUANTITIES AVAILABLE

SAMPLE ASSEMBLY

MALE AND FEMALE TERMINALS – MADE IN THE U.S.A.

FLEX PIN AND LAP LOCK DESIGN FOR POSITIVE TERMINAL CONNECTION
20 AMP CONTINUOUS LOAD • DUAL TANGS LOCK TERMINALS INTO HOUSING
SOLD IN SETS • 1 MALE AND 1 FEMALE



PART #	SIZE	PAK QTY.
22-130	18-20 GA.	6 SETS
22-131	14-16 GA.	6 SETS
22-132	12 GA.	6 SETS

WEATHER PAK TERMINAL REMOVAL TOOL

PART # 22-145



BULK QUANTITIES AVAILABLE

SEALS AND PLUGS – MADE IN THE U.S.A.

SELF LUBRICATING SILICONE SEALS • THREE RIBS TO GUARD AGAINST MOISTURE AND DUST
SEALS WILL CRIMP TO TERMINALS TO INSURE PROPER ALIGNMENT
CAVITY PLUG WILL FILL AND SEAL UNUSED CAVITIES



SEALS

PART #	SIZE	PAK QTY.
22-136-10	18-20 GA. (GREEN)	10
22-137-10	14-16 GA. (GRAY)	10
22-138-10	12 GA. (BLUE)	10
22-139-6	CAVITY PLUG	6

BULK QUANTITIES AVAILABLE



CAVITY PLUG

ASSEMBLY INSTRUCTIONS



1. INSTALL SEAL ON WIRE BEFORE STRIPPING END
INSTALL TERMINAL AND CRIMP.



2. INSERT TERMINAL ASSEMBLY INTO
CONNECTOR HOUSING




3. ONCE ALL TERMINALS ARE INSERTED, SNAP SHUT
REAR OF HOUSING TO LOCK WIRE AND SEALS




4. INDEX HOUSINGS AND SNAP TOGETHER.

WIRE TERMINALS


RING TERMINALS

RED 18-22 GA	SIZE	STANDARD PAK QTY 12	JUMBO PAK QTY 100
	#6	40-100-06	40-100-06-100
	#8	40-100-12	40-100-12-100
	#10	40-100-18	40-100-18-100


BLUE 14-16 GA

	#8	40-101-12	40-101-12-100
	#10	40-101-18	40-101-18-100
	1/4	40-101-25	40-101-25-100
	5/16	40-101-31	40-101-31-100
	3/8	40-101-37	40-101-37-100


YELLOW 10-12 GA.

	#10	40-102-18	40-102-18-100
	1/4	40-102-25	40-102-25-100
	5/16	40-102-31	40-102-31-100
	3/8	40-102-37	40-102-37-100


SPADE TERMINALS

RED 18-22 GA	SIZE	STANDARD PAK QTY 12	JUMBO PAK QTY 100
	#6	40-103-06	40-103-06-100
	#8	40-103-12	40-103-12-100
	#10	40-103-18	40-103-18-100


BLUE 14-16 GA

	#8	40-104-12	40-104-12-100
	#10	40-104-18	40-104-18-100


YELLOW 10-12 GA.

	#10	40-105-18	40-105-18-100
---	-----	-----------	---------------


SLIDE ON TERMINALS • MALE

RED 18-22 GA	SIZE	STANDARD PAK QTY 12	JUMBO PAK QTY 100
	1/4	40-106-08	40-106-08-100


BLUE 14-16 GA

	1/4	40-106-10	40-106-10-100
---	-----	-----------	---------------


YELLOW 10-12 GA.

	1/4	40-106-12	40-106-12-100
---	-----	-----------	---------------


SLIDE ON TERMINALS • FEMALE

RED 18-22 GA	SIZE	STANDARD PAK QTY 12	JUMBO PAK QTY 100
	1/4	40-107-08	40-107-08-100


BLUE 14-16 GA

	1/4	40-107-10	40-107-10-100
---	-----	-----------	---------------


YELLOW 10-12 GA.

	1/4	40-107-12	40-107-12-100
	3/8	40-107-37	40-107-37-100


SLIDE ON TERMINALS • INSULATED • FEMALE


RED 18-22 GA	SIZE	STANDARD PAK QTY 12	JUMBO PAK QTY 100
	1/4	40-107-09	40-107-09-100


BLUE 14-16 GA

	1/4	40-107-11	40-107-11-100
--	-----	-----------	---------------


BULLET CONNECTORS • SET


RED 18-22 GA	STANDARD PAK QTY 6 SETS	JUMBO PAK QTY 50 SETS
	40-108-12	40-108-12-100

		
--	--	--


BLUE 14-16 GA	STANDARD PAK QTY 6 SETS	JUMBO PAK QTY 50 SETS
	40-109-18	40-109-18-100

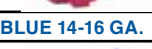
RED 18-22 GA.	STANDARD PAK QTY 12	JUMBO PAK QTY 100
	40-110-08	40-110-08-100

		
--	--	--


BLUE 14-16 GA.	STANDARD PAK QTY 12	JUMBO PAK QTY 100
	40-110-10	40-110-10-100

		
--	--	--

RED 18-22 GA.	STANDARD PAK QTY 4	JUMBO PAK QTY 100
	40-120-08	40-120-08-100


		
--	--	--


BLUE 14-16 GA.	STANDARD PAK QTY 4	JUMBO PAK QTY 100
	40-120-10	40-120-10-100


		
--	--	--

T TAP CONNECTORS

RED 18-22 GA.	STANDARD PAK QTY 4	JUMBO PAK QTY 100
	40-121-08	40-121-08-100

		
--	--	--

BLUE 14-16 GA.	STANDARD PAK QTY 4	JUMBO PAK QTY 100
	40-121-10	40-121-10-100

		
--	--	--

1/4 ADAPTOR CONNECTORS

STANDARD PAK QTY 6	JUMBO PAK QTY 100	
	40-130-08	40-130-08-100
	STUD TO SLIDE ON TERMINAL	
	40-131-08	40-131-08-100
	FLAT - SINGLE TO DOUBLE SLIDE ON	
	40-132-08	40-132-08-100
	SINGLE TO DOUBLE SLIDE ON	

WIRE TERMINALS • CRIMP • SOLDER • SEAL



RING TERMINALS — NON INSULATED

18-22 GAUGE

STANDARD PAK - QTY 12	JUMBO PAK - QTY 100
#8 45-100-12	45-100-12-100
#10 45-100-18	45-100-18-100

14-16 GAUGE

STANDARD PAK - QTY 12	JUMBO PAK - QTY 100
#8 45-101-12	45-101-12-100
#10 45-101-18	45-101-18-100
1/4 45-101-25	45-101-25-100
5/16 45-101-31	45-101-31-100
3/8 45-101-37	45-101-37-100

10-12 GAUGE

STANDARD PAK - QTY 12	JUMBO PAK - QTY 100
#8 45-102-12	45-102-12-100
#10 45-102-18	45-102-18-100
1/4 45-102-25	45-102-25-100
5/16 45-102-31	45-102-31-100
3/8 45-102-37	45-102-37-100
1/2 45-102-50	45-102-50-100



FEMALE — SLIDE ON — NON INSULATED

18-22 GAUGE

STANDARD PAK - QTY 12	JUMBO PAK - QTY 100
3/16 45-107-06	45-107-06-100
1/4 45-107-08	45-107-08-100

14-16 GAUGE

STANDARD PAK - QTY 12	JUMBO PAK - QTY 100
3/16 45-107-09	45-107-09-100
1/4 45-107-10	45-107-10-100

10-12 GAUGE

STANDARD PAK - QTY 12	JUMBO PAK - QTY 100
1/4 45-107-12	45-107-12-100



HEAT SHRINK — 3/16 DIA. 1 INCH LENGTH

19-150-20	BLACK	(QTY 20)
19-151-20	RED	(QTY 20)
19-152-20	BLUE	(QTY 20)
19-153-20	YELLOW	(QTY 20)



SPLICE — NON INSULATED

18-22 GAUGE

STANDARD PAK - QTY 12	JUMBO PAK - QTY 100
45-110-08	45-110-08-100

14-16 GAUGE

STANDARD PAK - QTY 12	JUMBO PAK - QTY 100
45-110-10	45-110-10-100

10-12 GAUGE

STANDARD PAK - QTY 12	JUMBO PAK - QTY 100
45-110-12	45-110-12-100

ZIP TIE MOUNT



PART #	QTY.	BASE DIMEN.
45-150-4	4	.390 X .590 IN.
45-150-100	100	
45-151-4	4	.625 X .875 IN.
45-151-100	100	

MOUNTING HOLE SIZE .250 INCH

SOLDER — .031 DIAMETER

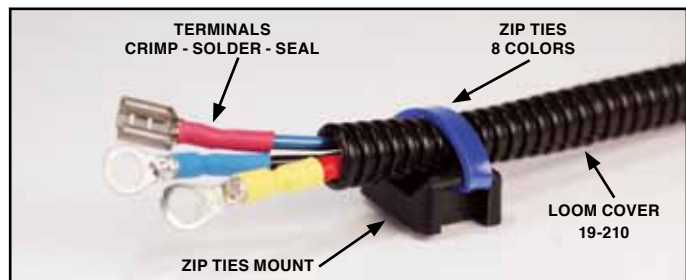
19-146-10 (QTY 10FT) 19-146-SP (QTY 1 LB SPOOL)



19-146-10
10 FT.



19-146 SP



TERMINALS
CRIMP - SOLDER - SEAL

ZIP TIES
8 COLORS

ZIP TIES MOUNT

LOOM COVER
19-210

FUSES

ATC / ATO FUSES — QTY PER PAK - 5



19-170-1	1 AMP	19-170-10	10 AMP
19-170-2	2 AMP	19-170-15	15 AMP
19-170-3	3 AMP	19-170-20	20 AMP
19-170-4	4 AMP	19-170-25	25 AMP
19-170-5	5 AMP	19-170-30	30 AMP
19-170-7.5	7.5 AMP		

AGC FUSES — QTY PER PAK - 5



19-175-1	1 AMP	19-175-8	8 AMP
19-175-2	2 AMP	19-175-10	10 AMP
19-175-3	3 AMP	19-175-12	12 AMP
19-175-4	4 AMP	19-175-15	15 AMP
19-175-5	5 AMP	19-175-20	20 AMP
19-175-6	6 AMP	19-175-25	25 AMP
		19-175-30	30 AMP

TIE WRAPS



	LENGTH 4" - QTY 50	LENGTH 6" - QTY 40	LENGTH 8" - QTY 30	LENGTH 11" - QTY 25
BLACK	30-160	30-170	30-180	30-190
BLUE	30-161	30-171	30-181	30-191
CLEAR	30-162	30-172	30-182	30-192
GREEN	30-163	30-173	30-183	30-193
RED	30-164	30-174	30-184	30-194
YELLOW	30-165	30-175	30-185	30-195
PURPLE	30-166	30-176	30-186	30-196

BRAIDED BATTERY CABLE

SOLID BRASS TERMINALS • 3 TIMES MORE CONDUCTIVE THAN LEAD
 BRAIDED ALLOY SHIELDING RESISTS HEAT AND ABRASION
 HEAVY DUTY 4 GAUGE CABLE WITH SAE J1127 TYPE SXL INSULATION



POST TO STUD

PART #	LENGTH
40-312	12 INCH
40-317	17 INCH
40-324	24 INCH
40-331	31 INCH
40-338	38 INCH
40-348	48 INCH



STUD TO STUD

PART #	LENGTH
40-412	12 INCH
40-418	18 INCH
40-424	24 INCH
40-436	36 INCH
40-442	42 INCH
40-449	49 INCH

HEAT SHRINK TUBING – 2 TO 1 RATIO

3/16 DIAMETER • 2 FT. LENGTHS



BLACK 19-150



RED 19-151



BLUE 19-152



YELLOW 19-153



GREEN 19-154

BLACK HEAT SHRINK TUBING • 2 TO 1 RATIO MADE IN THE U.S.A.



3/16 INCH		1/2 INCH	
19-150	2 FT.	19-157	2 FT.
19-150-100	100 FT.	19-157-100	100 FT.
1/4 INCH		3/4 INCH	
19-155	2 FT.	19-158	2 FT.
19-155-100	100 FT.	19-158-50	50 FT.
3/8 INCH		1 INCH	
19-156	2 FT.	19-159	2 FT.
19-156-100	100 FT.	19-159-50	50 FT.

COLORED RACER TAPE • 11 MILS THICK • 2" X 60 YDS. • NASHUA 398

MADE IN THE U.S.A.



BLACK 40-380



BLUE 40-381



RED 40-382



SILVER 40-383



YELLOW 40-384



WHITE 40-385

HIGH QUALITY • TESTED IN ACCORDANCE WITH **UL723**

WIRE LOOM SLEEVING

10 MIL BRAIDED SLEEVING • WIDE EXPANDABILITY ALLOWS EASY INSTALLATION OVER WIRE HARNESS
USED IN ELECTRONICS, AUTOMOTIVE, MARINE AND INDUSTRIAL APPLICATIONS

ADD COLOR TO PART NUMBER **RED-RD** **BLACK-BK** **YELLOW-NY** **GREEN-NG** **BLUE-NB** **PURPLE-PP**

MADE IN THE U.S.A.

PART #	SIZE	EXPANSION RANGE		LENGTH
		MIN.	MAX	
30-250-COLOR	1/8	3/32	1/4	110 FT.
30-250-10-COLOR	1/8	3/32	1/4	10 FT.
30-251-COLOR	1/4	1/8	7/16	100 FT.
30-251-10-COLOR	1/4	1/8	7/16	10 FT.
30-252-COLOR	3/8	3/16	5/8	60 FT.
30-252-10-COLOR	3/8	3/16	5/8	10. FT.
30-253-COLOR	1/2	1/4	3/4	50 FT.
30-253-10-COLOR	1/2	1/4	3/4	10 FT.



**ACRYLIC TUBE DISPLAY
AND DISPENSER**
SPOOLS SHOWN FOR DISPLAY ONLY
PART # REFERS TO EMPTY TUBE

30-249-6 HOLDS SIX SPOOLS



F6 SPLIT WRAP BRAIDED SLEEVING

10 MIL BRAIDED SPLIT SLEEVING • SEMI RIDGED CONSTRUCTION • EASY TO INSTALL
WILL BEND TO A TIGHT RADIUS WITHOUT DISTORTION OR SPLITTING OPEN



COLOR - BLACK

PART #	SIZE	LENGTH
19-220	1/4"	200 FT.
19-220-10	1/4"	10 FT.
19-221	1/2"	150 FT.
19-221-10	1/2"	10 FT.
19-222	3/4"	100 FT.
19-222-10	3/4"	10 FT.
19-223	1"	100 FT.
19-223-10	1"	10 FT.

POLY SPLIT LOOM CABLE COVER

CORRUGATED POLYETHYLENE SPLIT LOOM • SLIT IS FULL LENGTH
EASILY SLIDES OVER WIRE ASSEMBLY
HEAVY DUTY PROTECTION FROM ABRASION AND PINCHING



MADE IN THE U.S.A.

BULK QUANTITIES AVAILABLE

PART #	SIZE	LENGTH	COLOR - BLACK
19-210	1/4"	5 FT.	
19-210-10	1/4"	10 FT.	
19-211	3/8"	5 FT.	
19-211-10	3/8"	10 FT.	
19-212	1/2"	5 FT.	
19-212-10	1/2"	10 FT.	
19-213	3/4"	5 FT.	
19-213-10	3/4"	10 FT.	
19-214	1"	5 FT.	
19-214-10	1"	10 FT.	

INSULTHERM FG

RESIN SATURATED FIBERGLASS SLEEVING PROTECT UP TO 1200 DEGREE F COLOR – BLACK



10 FT LENGTH

PART	NOMINAL SIZE	MAXIMUM DIAMETER
19-230 BK	1/4 INCH	3/8 INCH
19-230-10 BK	1/4 INCH	3/8 INCH
19-231 BK	3/8 INCH	5/8 INCH
19-231-10 BK	3/8 INCH	5/8 INCH
19-232 BK	1/2 INCH	3/4 INCH
19-232-10 BK	1/2 INCH	3/4 INCH
19-234 BK	3/4 INCH	1 1/8 INCH
19-234-10 BK	3/4 INCH	1 1/8 INCH

50 FOOT SPOOL

WALL THICKNESS	LENGTH
.031 INCH	50 FT
.031 INCH	10 FT
.043 INCH	50 FT
.043 INCH	10 FT
.046 INCH	50 FT
.046 INCH	10 FT
.046 INCH	50 FT
.046 INCH	10 FT

HIGH TEMPERATURE RESISTANT SLEEVING USED AS THERMAL PROTECTION FOR CABLES, WIRE, AND HOSES THAT ARE SUBJECTED TO EXTREME HIGH TEMPERATURES

EASY TO INSTALL – CUT WITH SCISSORS

PRIMARY WIRE — STRIPED



18 GAUGE LENGTH 20 FEET

PART #	WIRE COLOR	STRIPE
41-210-9	BLACK	WHITE
41-211-0	RED	BLACK
41-211-9	RED	WHITE
41-212-0	YELLOW	BLACK
41-213-9	GREEN	WHITE
41-214-9	BLUE	WHITE
41-215-0	WHITE	BLACK
41-216-0	ORANGE	BLACK

14 GAUGE LENGTH 20 FEET

PART #	WIRE COLOR	STRIPE
41-230-4	BLACK	YELLOW
41-231-4	RED	YELLOW
41-232-2	YELLOW	RED
41-233-2	GREEN	RED
41-234-2	BLUE	RED
41-235-2	WHITE	RED
41-238-2	TAN	RED
41-239-2	GRAY	RED



100 FOOT ROLL — ADD — 100 TO PART #
EXAMPLE: 41-210-9-100

PRIMARY WIRE • SOLID COLOR



	GAUGE 20 LENGTH 20'	GAUGE 18 LENGTH 20'	GAUGE 16 LENGTH 20'	GAUGE 14 LENGTH 20'	GAUGE 12 LENGTH 10'	GAUGE 10 LENGTH 10'
BLACK	40-200	40-210	40-220	40-230	40-240	40-250
RED	40-201	40-211	40-221	40-231	40-241	40-251
YELLOW	40-202	40-212	40-222	40-232		
GREEN	40-203	40-213	40-223	40-233		
BLUE	40-204	40-214	40-224	40-234		
WHITE	40-205	40-215	40-225	40-235	40-245	40-255

MADE IN THE U.S.A.
100 FOOT ROLLS ADD -100 TO PART NUMBER



WIRE CHART

WIRE SIZE	AMP CAPACITY
10	55
12	40
14	30
16	20
18	15
20	10

The above chart is based on wire length of 15 ft. or less
There is a calculator that is very useful to determine current requirements. Go to: www.angelfire.com/pa/baconbacon/page2.html

8MM IGNITION WIRE SETS

CUSTOM WIRE SETS USING TAYLOR VERTEX COMPONENTS • MADE IN THE U.S.A.
 8MM 100% PURE SILICONE INSULATION • DOUBLE SPRING LOCK SPARK PLUG TERMINALS

WIRE CORE • TCW (TINNED COPPER WELD) WIRE SETS

DO NOT USE WITH ELECTRONIC IGNITIONS



COLOR	VW TYPE 1	VW TYPE 4
BLACK	30-125	30-001
BLUE	30-126	30-002
RED	30-127	30-003

LONG COIL WIRE (COIL WIRE ONLY)

COLOR	20 INCH	25 INCH	30 INCH
BLACK	30-125-C20	30-125-C25	30-125-C30
BLUE	30-126-C20	30-126-C25	30-126-C30
RED	30-127-C20	30-127-C25	30-127-C30

SPIRO-PRO WIRE SETS

SPIRO-PRO PROVIDES UP TO 10 TIMES LESS RESISTANCE THAN STANDARD RESISTOR WIRE.
 SPIRO-PRO WIRE PROVIDES MORE FIRE POWER THAN OEM WIRES AN STILL ELIMINATES RFI
 WHICH CAN INTERFERE WITH ELECTRONIC IGNITION AND COMPUTER ELECTRONICS.

COLOR	VW TYPE 1	VW TYPE 1 PERTONIX	VW TYPE 1 COMP-U-FIRE	SUBARU	VW TYPE 4
BLACK	30-130	30-130-PT	30-130-CUF	30-130-SUB	30-005
BLUE	30-131	30-131-PT	30-131-CUF	30-131-SUB	30-006
RED	30-132	30-132-PT	30-132-CUF	30-132-SUB	30-007
YELLOW	30-133	30-133-PT	30-133-CUF	30-133-SUB	30-008
LIME	30-135	30-135-PT	30-135-CUF	30-135-SUB	30-009
ORANGE	30-136	30-136-PT	30-136-CUF	30-136-SUB	30-010
PINK	30-137	30-137-PT	30-137-CUF	30-137-SUB	30-011
PURPLE	30-138	30-138-PT	30-138-CUF	30-138-SUB	30-012
WHITE	30-139	30-139-PT	30-139-CUF	30-139-SUB	30-013

LONG COIL WIRE • SPIRO-PRO

COLOR	20 INCH	25 INCH	30 INCH
BLACK	30-130-C20	30-130-C25	30-130-C30
BLUE	30-131-C20	30-131-C25	30-131-C30
RED	30-132-C20	30-132-C25	30-132-C30
YELLOW	30-133-C20	30-133-C25	30-133-C30
LIME	30-135-C20	30-135-C25	30-135-C30
ORANGE	30-136-C20	30-136-C25	30-136-C30
PINK	30-137-C20	30-137-C25	30-137-C30
PURPLE	30-138-C20	30-138-C25	30-138-C30
WHITE	30-139-C20	30-139-C25	30-139-C30



CUSTOM SIZES AVAILABLE

ASSEMBLY EXAMPLE



WELL BOOT IS ADJUSTABLE
 30-097 AND 30-098

BOOT PROTECTORS • PART #30-105



6" LONG
 HEAT TREATED FIBERGLASS
 FITS MOST BOOTS
 WITHSTANDS TEMPERATURES
 TO 1200F

IGNITION WIRE COMPONENTS

SPARK PLUG TERMINALS • DOUBLE SPRING LOCK



30-091 135 DEGREE



30-092 90 DEGREE



30-093 180 DEGREE

DISTRIBUTOR AND COIL TERMINALS



30-094 90 DEGREE



30-095 180 DEGREE

DISTRIBUTOR AND COIL BOOTS



30-099 90 DEGREE



30-100 180 DEGREE



30-101 HEI 90 DEGREE

SPARK PLUG BOOTS



30-096 90 DEGREE



30-096-1 135 DEGREE



30-097 180 DEGREE - SMOOTH



30-097-1 180 DEGREE - RIBBED



30-098 WELL BOOT

SPARK PLUG BOOTS - HIGH TEMP



30-102 90 DEGREE



30-103 135 DEGREE



30-104 180 DEGREE

SWITCH PANELS

UNIVERSAL THERMOPLASTIC SWITCH PANELS



PART # 18-135
MATTE BLACK FINISH
.500 INCH HOLE SIZE



PART # 18-145
MATTE BLACK FINISH
.460 INCH X 1.110 INCH CUT OUT

SWITCH PANEL • 20 GAUGE STEEL • MATTE BLACK FINISH



PART # DESCRIPTION
18-130 1 HOLE
18-131 2 HOLE
18-132 3 HOLE
18-133 4 HOLE
18-134 5 HOLE



PART # DESCRIPTION
18-140 1 HOLE
18-141 2 HOLE
18-142 3 HOLE
18-144 5 HOLE



.500 INCH HOLE SIZE



SWITCH WITH PANEL



PART # 18-220
11-120 OFF-ON SWITCH
18-135 PANEL



PART # 18-405
14-305 OFF-ON SWITCH
18-145 PANEL

CUSTOM PANEL



PART # 23-100
5.625" WIDE
12.00" LENGTH
BLACK MATTE FINISH
EASY TO CUT AND DRILL FOR SWITCH AND LIGHT PANEL



INSTALLATION EXAMPLE

SWITCH BOXES



ALUMINUM SWITCH LIGHT BOX
3"D x 6-1/2"W x 4-1/2"L
23-110 WITH HOLES
23-120 WITHOUT HOLES



ALUMINUM SWITCH GAUGE BOX
3"D x 6-1/2"W x 9-1/2"L
23-125 WITH HOLES
23-130 WITHOUT HOLES

DASH I.D. SWITCH LABELS – ENGRAVED

1/16 INCH THICK • 9/16 INCH WIDE • 1-1/8 INCH LONG
 BLACK WITH WHITE LETTERING • ADHESIVE BACKING
 SPECIAL ORDERS AVAILABLE

AUX LIGHTS

IGNITION

START

PART #	DESC.	PART #	DESC.
60-100	LIGHTS	60-124	AUX TANK
60-101	AUX LIGHTS	60-130	HORN
60-102	HID LIGHTS	60-131	PUMPER
60-103	DOME LIGHTS	60-132	PARKER PUMPER
60-104	FLOOD LIGHTS	60-133	RADIO
60-105	SPOT LIGHTS	60-134	NITROUS
60-106	HEAD LIGHTS	60-135	FAN
60-107	WHIP LIGHTS	60-136	GPS
60-108	TAIL LIGHTS	60-137	ON-OFF
60-109	REAR LIGHTS	60-138	HID LOWER
60-110	UPPER LIGHTS	60-139	HID TOP
60-111	LOWER LIGHTS	60-140	HID UPPER
60-120	IGNITION	60-146	RADIATOR FAN
60-121	START	60-149	POWER
60-122	FUEL PUMP	60-150	MASTER KILL
60-123	MAIN TANK	60-152	WIPER



26-305 DASH I.D. DISPLAY

POWER STUDS

SAFETY WIRE



19-450 19-451 19-452

3/8 INCH STUD
 #8 MOUNTING HOLES
 7/8 INCH X 3/4 INCH LONG
 RATED 12 VOLT 250 AMP

PART #
 DESCRIPTION

19-450	RED – SINGLE STUD
19-451	BLACK – SINGLE STUD
19-452	BLACK – DUAL STUD

SAFETY WIRE • .032 STAINLESS STEEL



19-145 25 FT.



19-145SP 1 LB. SPOOL

TERMINAL BLOCKS

TAB TERMINALS

SCREW TERMINALS



PART #	CIRCUITS
19-446-2	2
19-446-4	4
19-446-6	6
19-446-8	8
19-446-10	10



PART #	CIRCUITS
19-447-2	2
19-447-4	4
19-447-6	6
19-447-8	8
19-447-10	10

SELF EXTINGUISHING WHITE POLYAMIDE • 30 AMP PER CIRCUIT • NICKEL PLATED TERMINALS

TAIL AND BRAKE LIGHTS

ROUND LED TAIL AND BRAKE LIGHT WITH SEAL



PART # COLOR

20-155 AMBER

20-156 RED

LENS DIAMETER – 4 INCH

MOUNTING HOLE – 4.5 INCH

12 VOLT

OVAL LED TAIL AND BRAKE LIGHT WITH SEAL



PART # COLOR

20-165 AMBER

20-166 RED

LENS – 2.25 X 6.50 INCH

MOUNTING HOLE –
2.50 X 6.75 INCH

12 VOLT

BEZEL



PART # DESCRIPTION

20-155 BZ ROUND

20-165 BZ OVAL

CHROME BEZELS FOR
ROUND AND OVAL LIGHTS

REPLACEMENT SEALS



PART # DESCRIPTION

20-155 S ROUND

20-165 S OVAL

LED MICRO TAIL AND BRAKE LIGHT



PART # DESCRIPTION

20-170 AMBER

20-171 RED

LENS SIZE – 1.00 X 1.75 INCH

MOUNTING HOLE – .375 INCH

LED TAIL AND BRAKE LIGHT



PART # DESCRIPTION

20-175 AMBER

20-176 RED

LENS SIZE – 1.75 X 2.375 INCH

MOUNTING HOLE – .375 INCH

ROUND LED TAIL AND BRAKE LIGHT



20-180 AMBER



20-181 BLUE



20-182 RED

BRIGHT LIGHTS

4 INCH DIAMETER



PART # **DESCRIPTION**
 20-185 SPOT
 12 VOLT — 55 WATT
 CURRENT DRAW — 5 AMP
 MOUNTING HOLE — .375 INCH
 REPLACEMENT BULB 19-325

5 INCH DIAMETER



PART # **DESCRIPTION**
 20-190 SPOT
 20-191 FLOOD
 12 VOLT — 55 WATT
 CURRENT DRAW — 5 AMP
 MOUNTING HOLE — .500 INCH
 REPLACEMENT BULB 19-325

INCLUDES REMOVABLE LENS GUARD

6 INCH DIAMETER



PART # **DESCRIPTION**
 20-195 SPOT
 20-196 FLOOD
 12 VOLT — 55 WATT
 CURRENT DRAW — 5 AMP
 MOUNTING HOLE — .500 INCH
 REPLACEMENT BULB 19-325

BULLET LIGHT — 2.25 DIAMETER



PART # **DESCRIPTION**
 20-200 SPOT
 12 VOLT — 50 WATT
 CURRENT DRAW — 5 AMP
 MOUNTING HOLE — .375 INCH

PICTURED WITH REMOVABLE LENS GUARD INCLUDED WITH LIGHT

IF 55 WATT BULBS ARE REPLACED WITH 100 WATT BULBS, VEHICLE MUST BE MOVING TO PREVENT INTERNAL WIRE DAMAGE

INTERIOR LIGHTS (DOME LIGHTS)



PART # 20-150
 2 1/4"W X 4"L X 1"T
 12 VOLT



PART # 20-151
 2 1/4"W X 4 1/2"L X 3/4"T
 12 VOLT

SOLDER TERMINAL SWITCHES



PART #12-100 XT OFF—ON
SINGLE POLE — 12 VOLT 20 AMP
HAS LEVER O’RING SEAL
.687 LEVER LENGTH
.500 INCH MOUNTING HOLE



PART #13-100 XT OFF—ON
TRIPLE SEALED

FLEXIBLE ACRYLIC COATING + T5 CLEAR VAPOR SEAL + LEVER BOOT COVER
SINGLE POLE • 12 VOLT 20 AMP • HEAVY DUTY • HAS LEVER O’RING SEAL
.687 LEVER LENGTH • SILVER CONTACTS • .500 INCH MOUNTING HOLE
12 INCH WIRE LEADS

LEGEND INDICATOR LIGHTS (ILLUMINATED WORDS AND SYMBOLS)

17-500 TO 17-900



12 VOLT STANDARD
24 VOLT ADD -24V TO PART NUMBER

INDICATOR SIZE – FRONT VIEW
1-1/4" L x 5/8" W x 7/32" H
REQUIRED PANEL DEPTH – 2 INCH
MOUNTING TWO 3/16" HOLES
ONE 1/2" HOLE

OVER 400 DIFFERENT LEGENDS

REPLACEABLE BULB

COLORS (A) AMBER (B) BLUE
(R) RED (G) GREEN

MOUNTING PANEL FOR LEGEND LIGHTS

18-100 UNDER DASH MOUNTING



MOUNT IN DASH OR UNDER DASH

SYMBOLS ONLY	(COLOR)										
17-505	ARROW -TURN SYMBOL	(G)	17-629	BILGE BLOWER	(R)	17-813	DIESEL MODE	(A)	17-741	GEAR UP	(R)
17-622	ARROW -		17-628	BILGE PUMP	(R)	17-788	DIMMER	(A)	17-820	GEAR WARNING	(R)
	TURN RIGHT AND LEFT		17-685	BIRD DAWG	(A)	17-558	DIP BEAM	(B)	17-508	GEN	(R)
	DOUBLE ARROW SYMBOL	(G)	17-616	BLACKOUT	(A)	17-913	DIRECT DRIVE	(A)	17-763	GEN. ING.	(R)
17-510	FASTEN SEAT BELT	(R)	17-843	(BLANK - NO LEGEND)	(R)	17-810	DOO DOO DROP	(A)	17-954	GENERATOR FIRE	(R)
17-509	HI BEAM	(B)	17-844	(BLANK - NO LEGEND)	(G)	17-533	DOOR	(R)	17-965	GEN. WARN	(A)
17-525	LOW BEAM	(B)	17-845	(BLANK - NO LEGEND)	(A)	17-522	DOOR AJAR	(R)	17-637	GLOW PLUG	(A)
17-739	WIPER SYMBOL		17-846	(BLANK - NO LEGEND)	(B)	17-559	DOOR CLOSED	(R)	17-833	GROTE LIGHTS	(A)
17-740	WIPER/WASHER SYMBOL		17-847	(BLANK - NO LEGEND)	(C)	17-610	DOOR OPEN	(R)	17-661	GYRO AIR	(R)
			17-848	(BLANK - BLACK)	(A)	17-544	DRIVING LIGHTS	(A)			
			17-703	BLAZER	(B)	17-519	DRIVING BEAM	(B)	17-747	HATCH	(R)
			17-604	BLOWER	(A)	17-705	DRYER	(G)	17-605	HAZARD	(R)
			17-952	BOOM AJAR	(A)	17-706	DRYER OFF	(A)	17-897	HEAD LIGHT CLEANER	(A)
			17-657	BOOM OFF REST	(R)	17-837	DUMP	(A)	17-548	HEADLIGHTS	(A)
			17-855	BOOST PUMP ON	(A)				17-654	HEAT	(R)
			17-950	BOOST RETARD	(R)	17-943	ELEC. FAN OVERRIDE	(A)	17-953	HEATED MIRROR	(A)
			17-532	BRAKE FAILURE	(R)	17-749	ELEC. TRLR. BRAKE	(R)	17-772	HEATED WIPERS	(A)
			17-550	BRAKE LOCK	(A)	17-868	EMERGENCY DOOR	(R)	17-649	HEATER	(A)
			17-507	BRAKES	(R)	17-867	ENGINE ACCESS		17-918	HEATER CIRCUIT A	(G)
			17-695	BRAKES ON	(B)		DOORS OPEN	(A)	17-919	HEATER CIRCUIT B	(G)
			17-882	BRAKE WEAR	(A)	17-876	ENGINE COOLANT TEMP.	(R)	17-832	HELLA LIGHTS	(A)
			17-669	BRIGHTS	(B)	17-696	ENGINE OIL PRESS.	(R)	17-910	HI AIR TEMP	(R)
			17-877	BUS STOPPING	(R)	17-612	ENGINE STOP	(R)	17-546	HI BEAM	(B)
			17-899	BUS STOPPING	(R)	17-975	EGR SERVICE	(R)	17-564	HI EXH TEMP	(A)
			17-812	BUTT LIGHT	(A)	17-865	EXIT OPEN	(R)	17-707	HIGH IDLE	(R)
			17-590	BUZZER OFF	(A)				17-625	HI OIL PRESSURE	(G)
						17-602	FAN	(R)	17-518	HI OIL TEMP	(R)
			17-883	CAB LOCK-DOWN	(R)	17-819	FAN TRANS OIL COOLER	(R)	17-797	HITCH LFT.-RT.	(R)
			17-944	CANOPY LOCKED	(G)	17-513	FASTEN BELTS	(R)	17-798	HITCH UP-DOWN	(R)
			17-756	CANOPY UNLOCKED	(R)	17-644	FIRE	(R)	17-528	HI TRANS TEMP	(A)
			17-712	CARB HEAT	(R)	17-870	FIRE EXTINGUISHER	(A)	17-565	HI VOLTAGE	(A)
			17-603	CARGO LIGHT	(A)	17-730	FLAPS UP	(R)	17-527	HI WATER	(R)
			17-714	CAUTION	(R)	17-787	FLASHING HEAD LIGHTS	(A)	17-514	HI WATER TEMP	(R)
			17-618	CB/PA SYSTEM	(A)	17-560	FLASHING LIGHTS	(A)	17-907	HOLD ON	(A)
			17-748	CHECK COOLANT	(R)	17-535	FLOOD LIGHTS	(A)	17-588	HOOD LIGHT	(A)
			17-551	CHARGE	(R)	17-561	FLUID LEVEL	(A)	17-826	HOOD OPEN	(R)
			17-688	CHECK ENGINE	(A)	17-562	FOG BEAM	(A)	17-942	HOPPER UP	(R)
			17-750	CHECK GAUGES	(R)	17-500	FOG LIGHTS	(A)	17-729	HORN	(A)
			17-751	CHECK OIL	(R)	17-563	FORWARD	(A)	17-655	HOT ENGINE	(R)
			17-555	CHECK SPEED	(A)	17-927	FREEZER	(G)	17-850	HOT HYD. OIL	(R)
			17-687	CHECK TRANS	(A)	17-799	FRONT BUMPER PLATE	(A)	17-934	HOT PIPES	(R)
			17-556	CHOKE	(A)	17-735	RT. FRONT DOCKING	(R)	17-973	HST OIL PRESSURE	(R)
			17-557	CIRCUIT POWER ON	(R)	17-916	FRONT DIFF-A	(A)	17-974	HST OIL TEMP	(R)
			17-613	CLEARANCE LIGHTS	(A)	17-872	FRONT FOG LIGHTS	(A)	17-746	HYD. VACUUM	(A)
			17-761	CLUTCH	(A)	17-745	FRONT LOCK	(G)			
			17-857	CODE 3	(A)	17-898	FRONT/REAR DOOR OPEN	(R)	17-504	IGNITION	(R)
			17-665	COLD ENGINE	(A)	17-939	FRONT STROBES	(A)	17-835	INBOARD	(A)
			17-762	COMP. ING.	(R)	17-752	FUEL	(R)	17-773	INFRARED	(R)
			17-792	COMPUTER	(A)	17-639	FUEL FILTER	(R)	17-969	INNER AXLE	(G)
			17-806	CONVT. FAIL	(R)	17-880	FUEL LEVEL INDICATOR	(A)	17-658	INTERCOM ON	(R)
			17-650	COOL	(R)	17-958	FUEL INJECTION	(G)	17-679	INTERIOR LIGHTS	(A)
			17-611	COOLANT LEVEL	(A)	17-851	FUEL LOW LEFT	(R)	17-972	INTERNET	(A)
			17-896	COUPLING LAMP	(R)	17-852	FUEL LOW RIGHT	(R)	17-521	INT LIGHTS	(A)
			17-888	COUPLING LIGHT	(R)	17-853	FUEL PRESS. LOW	(R)			
			17-924	COWEL VENT	(G)	17-587	FUEL PUMP	(R)	17-733	KILL	(R)
			17-889	CROSS DIFF LOCK	(R)	17-935	FUEL TANK	(A)	17-794	KNOX BOX	(A)
			17-524	CRUISE	(A)	17-758	R. FUEL TANK	(R)			
			17-911	CUTTER BRAKE ON	(R)	17-757	L. FUEL TANK	(R)	17-764	LANDING LIGHTS	(R)
						17-905	FULL TANK		17-595	(L) DRIVE LIGHTS	(A)
			17-540	DANGER	(R)		TANK FULL	(R)	17-635	LEFT ALLEY	(A)
			17-623	DAY TANK LOW LEVEL	(R)				17-802	LEFT TURN	(G)
			17-789	DECK LIGHTS	(A)	17-731	GASOLINE	(R)	17-947	LIFT GATE	(A)
			17-700	DE-FOG	(G)	17-884	GEAR BOX TEMPERATURE	(R)	17-734	LIGHTS	(A)
			17-651	DEFROST	(A)	17-864	GEAR BOX WARNING	(R)	17-567	LIGHT BAR	(A)
			17-713	DE-ICE	(R)	17-718	GEAR DOWN	(R)	17-736	LT. FRONT DOCKING	(R)
			17-879	DIESEL CUT OFF	(R)	17-620	GEAR OIL PRESSURE	(R)	17-738	LT. REAR DOCKING	(R)



17-784	LT. SPOT LIGHT	(A)	17-581	PTO	(A)		INDICATOR	(G)
17-946	LOCK GATES	(R)	17-663	PUMP	(R)	17-689	TRANS	(R)
17-656	LOW COOLANT	(R)	17-922	PUMP DOWN COMPLETE	(A)	17-822	TRANS COOLER	(R)
17-568	LOW HYD PRESS	(R)	17-904	PUMP IN GEAR	(G)	17-659	TRANS OIL	(R)
17-591	LOW INJ FLUID	(A)				17-701	TRANS OIL LOW	(R)
17-817	LOW HYD. FLUID	(R)	17-580	QT LOW	(A)	17-697	TRANS OIL PRESS.	(R)
17-901	LOW HYD OIL LEVEL	(R)	17-823	QUART LOW	(R)	17-523	TRAVEL	(A)
17-816	LOW OIL LEVEL	(R)				17-968	TRIM NEUTRAL	(G)
17-569	LOW OIL TEMP	(A)	17-549	RADAR	(A)	17-630	TRUNK	(A)
17-512	LOW FUEL	(A)	17-717	RADIO	(A)	17-592	TRUNK LIGHT	(A)
17-615	LOW FUEL PRESSURE	(R)	17-786	REAR AMBER	(A)	17-722	TURBO BOOST	(A)
17-503	LOW OIL PRESSURE	(R)	17-678	REAR DE-FOG	(A)			
17-662	LOW WATER	(R)	17-624	REAR DEFROST	(A)	17-594	(U) DRIVE LIGHTS	(A)
17-647	LOW WATER TEMP	(G)	17-915	REAR DIFF-A	(A)	17-827	UNDER HOOD	(R)
17-589	LOW WW FLUID	(A)	17-579	REAR FOG	(A)	17-596	(U) PENCIL BEAM	(A)
17-516	LOW AIR PRESSURE	(R)	17-930	REAR FOG BACK UP	(G)	17-680	(U) WORK LIGHTS	(A)
17-711	LOCK	(R)	17-873	REAR FOG LIGHTS	(A)			
17-906	LOCK DOORS	(A)	17-744	REAR LOCK	(G)	17-725	VACUUM	(A)
17-716	LORAN	(A)	17-634	REAR ONLY	(A)	17-724	VENT	(A)
17-681	(L) WORK LIGHTS	(A)	17-543	REAR SCREEN	(A)	17-760	VOLT	(A)
			17-941	REAR STROBES	(A)	17-920	28 VOLT START	(G)
			17-578	REFRIG OUT	(A)			
17-719	MAG BRAKE	(A)	17-805	REGEN. OVERRIDE	(A)	17-976	WAIT TO START	(R)
17-690	MAG BRAKES	(A)	17-970	REGEN. REQUIRED	(A)	17-566	WARNING DEFEAT	(R)
17-715	MAGS	(A)	17-542	REJECT	(A)	17-704	WASHER	(G)
17-726	MAGNETO	(R)	17-686	RETARDER	(A)	17-626	WASHER FLUID	(A)
17-571	MAIN BEAM	(B)	17-534	REVERSE	(A)	17-886	WASH WIPE	(A)
17-753	MAINT. REQUIRED	(R)	17-636	RIGHT ALLEY	(A)	17-811	WATER DROP	(A)
17-607	MAIN TANK	(A)	17-803	RIGHT TURN	(G)	17-925	WATER PRESSURE	(G)
17-675	MANUAL	(A)	17-903	ROBO HEAD DOWN	(R)	17-599	WATER PUMP	(R)
17-933	MANUAL TCC	(A)	17-937	ROCK LIGHTS	(B)	17-742	WATER RUDDER	(A)
17-790	MAP LIGHT	(A)	17-632	ROTATING LIGHTS	(A)	17-926	WATER SCRUBBER	(G)
17-545	MARKER	(A)	17-737	RT. REAR DOCKING	(R)	17-664	WATER TEMP	(R)
17-928	MASTER SWITCH	(R)	17-598	(R) TRLR LIGHTS	(B)	17-698	WHEEL CHAIR	(A)
17-808	MEN	(A)	17-778	R. WINDOW GUARD	(A)	17-804	4 WHEEL DRIVE	(A)
17-766	MIRROR ARM AIR CYL.	(A)				17-959	WHIPS	(A)
17-767	MIRROR ARMS LFT.	(A)	17-583	SANDER ON	(R)	17-672	WINCH	(R)
17-768	MIRROR ARMS RT.	(A)	17-793	SCANNER	(A)	17-931	F. WINCH	(G)
17-770	MIRROR HEAD-LFT.	(A)	17-576	SCREEN LEFT	(A)	17-932	R. WINCH	(G)
17-771	MIRROR HEAD-RT.	(A)	17-577	SCREEN RIGHT	(A)	17-908	WINCH IN	(A)
17-769	MIRROR LIGHTS	(A)	17-961	SEAT HEAT	(A)	17-909	WINCH ON	(A)
			17-955	SET LEVEL TO AUTO	(A)	17-676	WINCH OUT	(R)
17-815	N20	(R)	17-755	SHIFT INDICATOR	(A)	17-670	WINCH POWER	(R)
17-732	NATURAL GAS	(R)	17-940	SIDE STROBES	(A)	17-963	WING STROBE	(A)
17-529	NAV LIGHTS	(A)	17-627	SIREN	(R)	17-614	WING LIGHTS	(A)
17-572	NEUTRAL	(A)	17-785	SIREN-HORN	(A)	17-520	WIPER	(A)
17-619	NITRO BOOST	(A)	17-945	SLEEPER	(A)	17-809	WOMEN	(A)
17-515	NO CHARGE	(R)	17-966	SMOKE ARM	(A)			
17-601	N O S	(A)	17-967	SMOKE ON	(A)			
17-948	NOS ARMED	(B)	17-694	SMOKING O.K.	(A)			
17-693	NO SMOKING	(R)	17-774	SOL. -AIR HOSE REEL	(R)			
			17-775	SOL. -AIR TANK/TRUCK	(R)			
17-807	OCCUPIED	(A)	17-776	SOL. -AIR TRUCK/TANK	(R)			
17-517	OFF ROAD LIGHTS	(A)	17-777	SOL. -HTR. WATER	(R)			
17-573	OIL	(R)	17-962	SPEAKERS	(A)			
17-814	OIL COOLER	(R)	17-537	SPOTLIGHT	(A)			
17-609	OIL FILTER	(R)	17-783	RT. SPOT LIGHT	(A)			
17-892	OIL LEVEL	(R)	17-570	SPREADER LIGHTS	(A)			
17-854	OIL SUMP CHIP	(R)	17-646	SPEEDO	(R)			
17-574	OK	(G)	17-660	STARTER	(R)			
17-836	OUTBOARD	(A)	17-849	STEERING LOCKED	(R)			
17-838	OUTRIGGERS	(A)	17-728	STEP LOCKED	(R)			
17-638	OVERDRIVE	(A)	17-782	STOP LIGHTS OFF	(R)			
17-949	OVERDRIVE OFF	(R)	17-721	STOP LIGHTS ON	(A)			
17-921	OVERLOAD	(R)	17-699	STOP REQUEST	(A)			
			17-795	STORAGE RIGHT	(A)			
17-531	PANEL LIGHTS	(A)	17-796	STORAGE LEFT	(A)			
17-828	PARALLEL	(A)	17-631	STROBE LIGHT	(A)			
17-674	PARALLEL BATTERIES	(A)	17-821	SYNCHRO-NIZED	(A)			
17-869	PARK BRAKE	(R)						
17-960	PARKER PUMPER	(A)	17-645	TACH	(R)			
17-511	PARKING BRAKE	(R)	17-951	TAIL GATE OPEN	(A)			
17-617	PARKING LIGHTS	(A)	17-800	TAIL LIGHTS	(A)			
17-575	PENCIL BEAM	(B)	17-633	TAKE DOWN LIGHT	(A)			
17-597	PENCIL BEAM (L)	(A)	17-878	TALMA RETARDER	(A)			
17-791	PHONE	(A)	17-902	TANK EMPTY	(R)			
17-929	PHONE G.P.S.	(A)	17-780	TANK FILL	(R)			
17-709	PITOT HEAT	(A)	17-779	TANK LIGHTS	(A)			
17-600	POWER BOOSTER	(A)	17-765	TAXI LIGHTS	(R)			
17-671	POWER INVERTER	(A)	17-608	TEMP	(R)			
17-593	POWER ON	(R)	17-890	THIRD DIFF LOCK	(R)			
17-891	POWER TAKE OFF	(R)	17-708	THREAT	(R)			
17-743	PREHEAT	(A)	17-541	TILT	(A)			
17-856	PREOILER ON	(A)	17-900	TRAILER TURN	(A)			
17-652	PROBE	(R)						

17-2000 LEGEND SET UP

ONE TIME SET-UP CHARGE FOR LEGENDS NOT LISTED

WORD LIMIT IS 9 CHARACTERS PER LINE INCLUDING SPACES.

2 LINE LIMIT - ALLOW 2 WEEKS.

LEGEND INDICATOR LIGHTS ARE MADE PER ORDER

NOT RETURNABLE

INDEX

Alarms	18
Battery Cut Off Switch	9, 10
Buzzers	18
Braided Battery Cables	23
Circuit Breakers	17
Cushion Clamps	18
Dash Light Dimmer Control	8
Dash I.D. – Switch Labels	31
Fuses	23
Fuse Holders	19
Grommets	18
Heat Shrink Tubing	24
Hole Plugs	18
Ignition Wire Sets	28
Ignition Wire Components	29
Indicator Lights	13, 14
Indicator Lights – Legends	35, 36
Indicator Lights – Engraved	15
Indicator Lights – Parts	15
Interior Lights (Dome)	33
LEDs	12
Power Socket	18
Power Studs	31
Relay	18
Racer Tape	24
Switches	
Lever – Lighted	1
Lever – Non Lighted	2
Push Button – Lighted	5
Push Button – Non Lighted	5
Rocker – Lighted	3
Rocker – Non Lighted	4
Sealed	6, 7
Toggle Switch / Circuit Breaker / Combo	8
Turn Signal Switch	10
Other Switches	9
Switch Boots	11
Switch Guards	11
Switch Hardware	11
Switch Panels	29
Switch Boxes	29
Switch Labels	31
Safety Wire	31
Tape	24
Terminal Blocks	31
Tie Wraps	23
Weather Pak Connectors	20
Wire	27
Wire Terminals	21, 22
Wire Loom Sleeving	25, 26

TERMS AND CONDITIONS

TERMS — FIRST ORDER IS C.O.D. OR CREDIT CARD
 OPEN ACCOUNTS ARE NET 30 DAYS
 ACCOUNTS PAST DUE WILL NOT BE SHIPPED UNTIL ACCOUNT IS CLEARED
 SALES TAX EXEMPTION CERTIFICATE MUST BE ON FILE OTHERWISE SALES TAX WILL BE ADDED TO INVOICE.

C.O.D. — COMPANY CHECK OR MONEY ORDER – NO PERSONAL CHECKS

COLLECTION — COLLECTION COST ARE PAYABLE BY PURCHASER IF PAYMENT MUST BE ENFORCED.

FREIGHT — OUR REGULAR CARRIER IS U.P.S.
 FREIGHT IS PAID ON ORDERS OF \$500.00 OR MORE IN THE CONTINENTAL U.S.A.

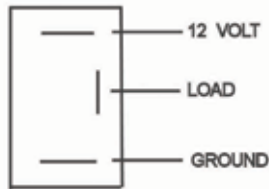
STOCK ADJUSTMENTS — SEND LIST OF ITEMS FOR RETURN
 RGA NUMBER WILL BE ISSUED.
NO TWO FOR ONE ORDER REQUIRED
NO RESTOCKING CHARGE
K-FOUR PRODUCTS ARE GUARANTEED TO SELL

CLAIMS — CLAIMS FOR DAMAGE OR LOSS MUST BE MADE TO CARRIER.
 NOTIFICATION OF SHORTAGE CLAIMS MUST BE WITHIN 3 DAYS OF RECEIPT OF SHIPMENT.

BACK ORDERS — BACK ORDERS WILL BE SHIPPED WHEN AVAILABLE UNLESS OTHERWISE INSTRUCTED BY PURCHASER.
K-FOUR PAYS FREIGHT ON BACK ORDERS IN THE CONTINENTAL U.S.A.

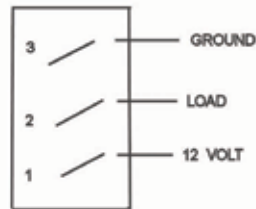
WIRING DIAGRAMS

LED LIGHTED TIP



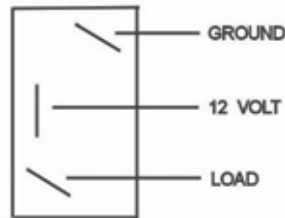
11-106 TO 11-109
 13-140 TO 13-142

LEVER LIGHTED



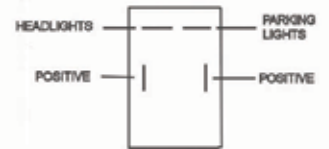
11-110 TO 11-118

INCANDESCENT TIP



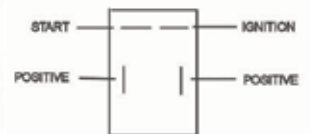
12-145 TO 12-148
 13-145 TO 13-148

PROGRESSIVE SWITCH LIGHTS



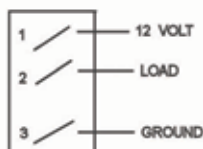
12-212 – 13-220

IGNITION



12-213 – 13-221

RECTANGLE ROCKER SWITCH—LIGHTED



14-305 TO 14-309

ROUND ROCKER SWITCH—LIGHTED

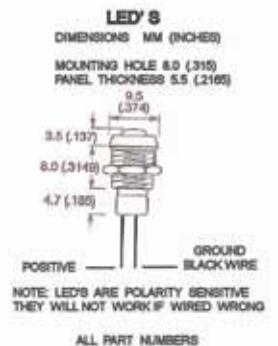


14-231 TO 14-234
 14-320 TO 14-323

PUSH BUTTON LIGHTED



15-135 – 15-136
 15-120 TO 15-122



SALES AIDS

SEE AND FEEL



LIGHTED COUNTER DISPLAY - 26-303



DASH I.D. DISPLAY 26-305



WEATHER PAK DISPLAY 26-306



ATTRACTIVE PACKAGING FOR RETAIL SALES