



MARLAN INDUSTRIES

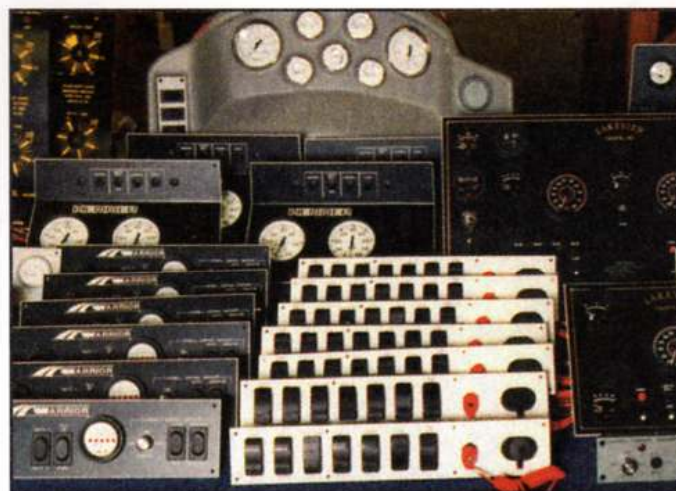
Catalog # 295 R

Mar-Lan has four departments to serve you better.



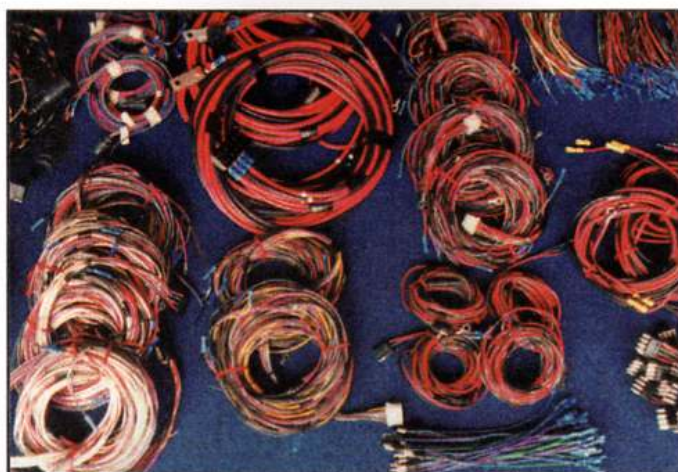
Plastic Injection Molding

- *Insert Molding*
- *Custom Molded Parts*
- *Various Size Machines*



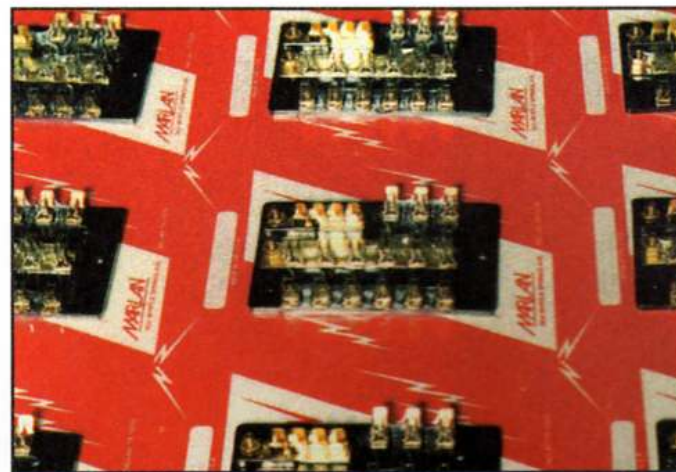
Control Panel Manufacturing

- *Computerized Engraving*
- *Customized Fit*
- *In-house/On Site Designing*



Wire Harness

- *Wire Cutting & Stripping*
- *Reliable Termination*
- *All Industry Applications*



Skin Packaging

- *18 x 24 Inch Card Limit*
- *Bar Codes*
- *Our Cards or Yours*

MAR-LAN INDUSTRIES

2631 Myrtle Springs Ave. • Dallas, TX 75220
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Email: info@marlanindustries.com
Web page www.marlanindustries.com

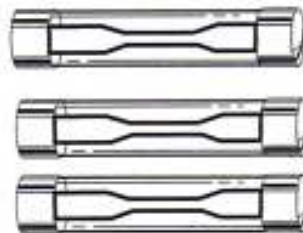
Fuses & Holders

2000

AGC GLASS FUSES

Medium acting, standard for cars, trucks, boats. All amperages are 1 1/4" long with 1/4" diameter. Available in 5, 10, 15, 20, 30, 40 and 50 amp. Add amp value behind 2000 for correct part number. Example 2000-10. Other amps by special order, minimum 100 fuses and \$25.00 order, call for details.

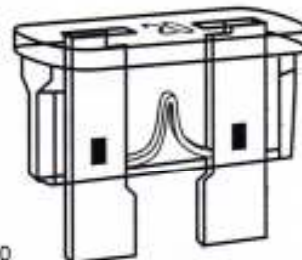
2000-10
2000-15
2000-20
2000-30
2000-40
2000-50



2001

ATO FUSES

Fuses are standard for 12 volt applications on cars, trucks and boats. Comes in 5, 10, 15, 20 and 30 amp. Add amp value behind 2001 for correct part number. Example 2001-20. Fits our 2012-14 ATO fuse holder.



2001-5
2001-10
2001-15
2001-20

2008

NATURAL FUSE COVERS

2009

YELLOW FUSE COVERS

2010

BLACK FUSE COVERS

Fuse covers are molded of high strength polypropylene for heat, oil and chemical resistance. Both hinged and closer edge will withstand many uses, fits 2000 series fuses. Add -01 for 16-14, or -02 for 12-10 gauge wire. Example 2010-01 = 16-14 gauge black cover.

2008
2009
2010



NOTE: FOR ALL FUSE LOOPS! - If fuse amperage is not specified, Loops come as 16ga - 10 amp, 14ga - 15 amp, 12ga - 20 amp, 10ga - 30 amp. Fuse loop wire type, length and color can be made to your specifications. 10ga thru 16ga are available, minimum 6" leads.

2008-10 to 16

2009-10 to 16

2010-10 to 16

FUSE LOOPS

Fuse loops are made with 10 thru 16 gauge marine 105°C red wire 8" long, with a fold over cover and a 2000 series fuse. Example - 2009-14-20 is a yellow cover, 14 gauge wire and a 20 amp fuse.



2010-10
2010-12
2010-14
2010-16

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Fuses & Holders



2011-08

2011-08 TO 16 WATER TIGHT FUSE LOOPS

In-line fuse loops are made with 8 thru 16 gauge marine 105°C red wire 8" long, with non-breakable heat resistant plastic molded directly to the wire. This push together loop is great around damp and dusty environments. See note under fuse loops for fuse amperage (8ga fuse loop comes standard with a 50 amp fuse), or order them without a fuse. Example 2011-10-0 is a 10 gauge loop with no fuse.



2011-10
2011-12
2011-14
2011-16



DUAL WATER TIGHT LOOP

2013-10
2013-12
2013-14
2013-16

2013-10 to 16 DUAL WATERTIGHT

Made with the same quality materials as our single, this 10" loop comes with pocket for spare fuse, enabling you to get back underway with a minimum of fuss. See note under fuse loop how to order amperage or order with no fuse. Example - 2013-14-0 is a 14ga loop with no fuse. Fuse loops come standard with 2 fuses.



2012-14

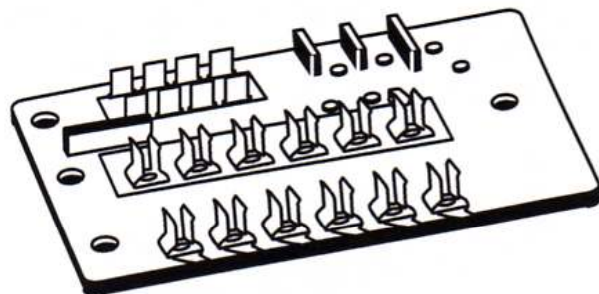
2012-14 ATO FUSE HOLDER

Made of flexible PVC plastic, molded to 14 gauge marine 105°C red wire, 8" long. Fuse not included.

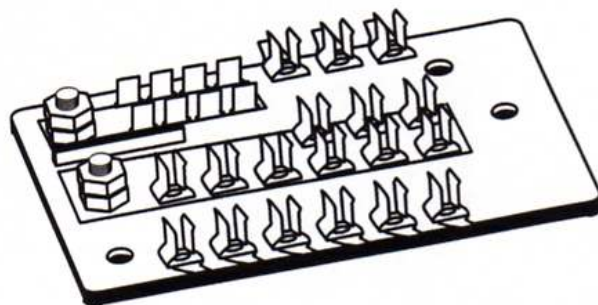
2016 FUSE BLOCKS

2019 FUSE BLOCKS

Molded of tough weather resistant thermoplastic. All solid brass .250 tabs on both 2016 - 6 circuit and 2019 - nine circuit fuse block. Fits 2000 series fuses. Excellent for under dash mounting.



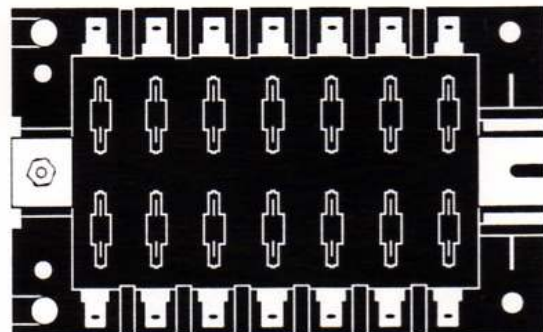
2016



2019

4041 ATO FUSE BLOCK

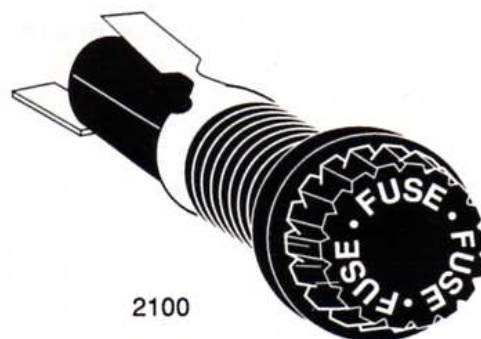
This fuse block accommodates 14 circuits, can be interlocked with more blocks to create unlimited fuse protection. Fuses not included.



ATO FUSE BLOCK 4041

2100 PANEL MOUNT FUSE HOLDER

These holders have 1/4" slip-on male tabs, mount in 1/2" diameter hole, in panel material up to 1/4" thickness. Twist lock cap, rubber washer and mounting nut included. Fuse not included.

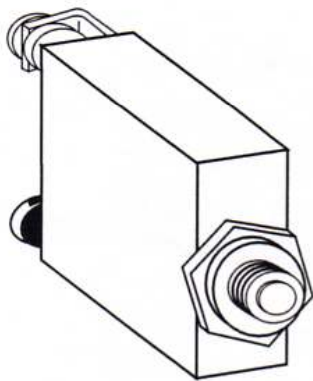


2100

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Circuit Breakers



2200-50
2200-05
2200-40

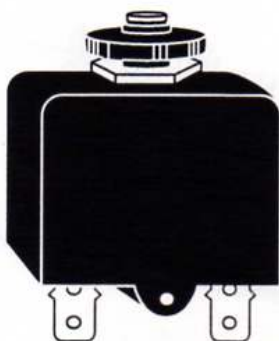
2200-05

2200-50

2200-40

PANEL MOUNT CIRCUIT BREAKER

Mounts in 1/2" diameter hole, up to 1/4" panel thickness. Mounting hardware included. #8 brass screw terminals.



2205- 05 Panel Mt. Circuit Breaker
2205-10
2205-20

2205-05

2205-10

2205-20

PANEL MOUNT CIRCUIT BREAKER

These breakers have 1/4" male slip-on tabs. Mount in 3/8" diameter hole, up to 1/4" panel thickness. Mounting hardware included.



2201-20
2201-35
2201-40
2201-50

2201-50

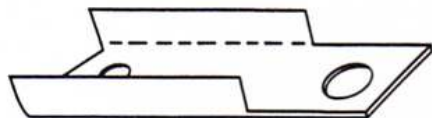
2201-20

2201-35

2201-40

IN-LINE CIRCUIT BREAKERS

Breakers have manual reset button (meeting marine specs) gives overload protection in marine and automotive applications. Solid brass nuts included for #10 terminal mounting bolts



2202BP-RED Circuit Breaker Bracket

2202BP-RED

CIRCUIT BREAKER BRACKET

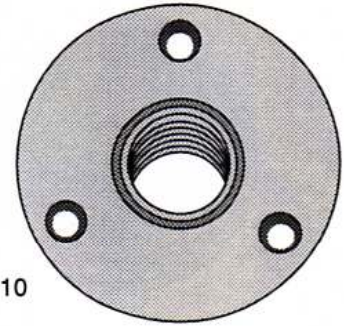
Insulated brass bracket for 2201 series in-line circuit breakers allows for mounting breaker directly to battery post for easy access.

Minimum order 50 pcs bulk.

Other colors available in lots of 500 pcs.

5045-10 FLANGE

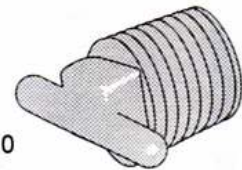
Grey plastic flange made lightweight and durable for permanent mounting.



5045-10

5046-10 FLANGE PLUG

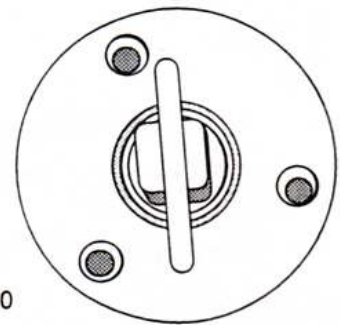
Used with 5045-10 flange makes an excellent through transom drain. Plug floats for easy rescue.



5046-10

5047-10 FLANGE/PLUG

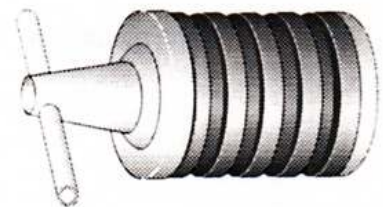
Plug and flange set available in grey.



5047-10

5049 DRAIN PLUG

Adjustable fit, twist to tighten.



5049

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Accessories



5300-01



5301-01

5300-01

5301-01

INSTRUMENT HOLE COVERS

Attractive cover leaves option for a gauge to be added or covers up where one was removed. Backup bracket and #8 stainless steel screw are included. 5300 = 2" cover, 5301 = 3 1/2" cover.



5379 FLAT BOTTOM WASHER

5379 BOTTOM WASHER

Flat washer to be used with #5380 snap cap.



5380 SNAP CAP

5380 SNAP CAP

Black cap to be used with #5379 washer, covers unsightly panel mounting screws.

Molded Plugs

5002 MOLDED PLUG

5003 MOLDED PLUG

5004 MOLDED PLUG

5005 MOLDED RECEPTACLE

5006 MOLDED PLUG

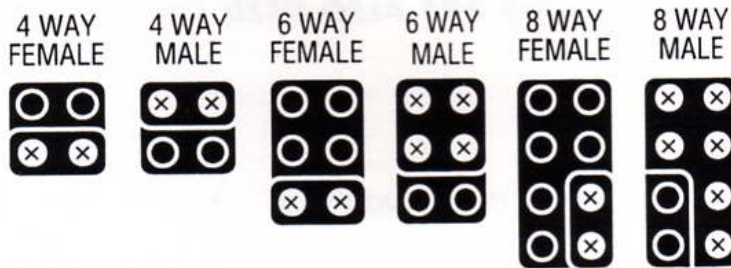
Molded plugs and receptacles have applications in automotive, marine and industrial products. Those listed are a standard item in our manufacturing program. Let Mar-Lan submit a proposal of your production requirements. Send drawing and requests to:

Mar-Lan Industries Eng. Dept.
P.O. Box 541553
Dallas, TX 75354-1553

Other molded plugs available on request are shown below. For molding purposes all terminal locations can accommodate .103 to .125 O.D. insulation. Any variation to this requires a tooling charge.

All plugs shown are face view.

All terminals are ⊗ .180 Male ○ .180 Female



5007

25' WISHBONE TRAILER HARNESS

Comes with standard color code and molded plug.

5555

COVER UP RECEPTACLE

Receptacle mounts into 1 1/4" diameter hole on certain pick-up bumpers, or use with #5558 mounting bracket. 30" 16ga leads, standard trailer color code, mates with most flat 4 pole trailer plugs, including our 5007 25' Wishbone Trailer Harness.

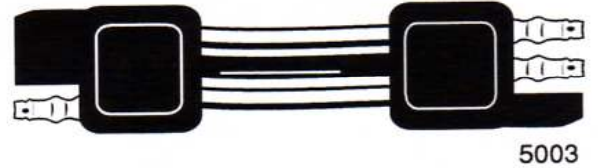
5558

MOUNTING BRACKET

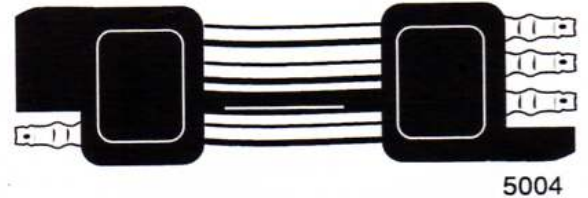
Installs under tow ball. Fits #5555 receptacle. Bent at 90° angle.



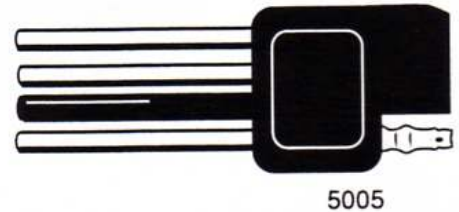
5002



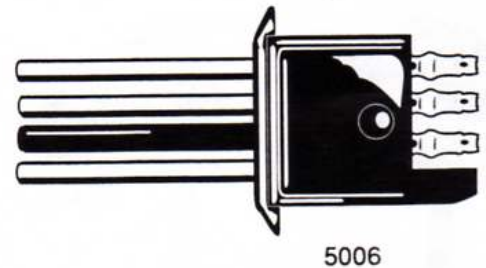
5003



5004



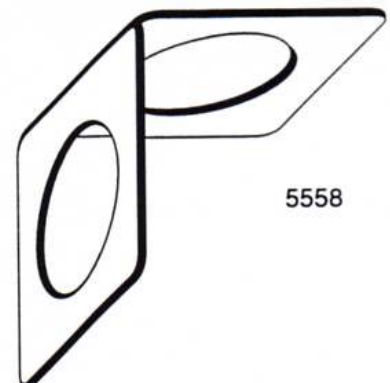
5005



5006



5555 Coverup Receptacle

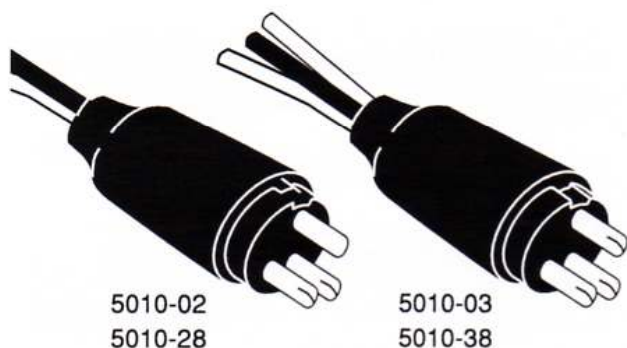


5558

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Electrical Plugs



5010-02

12 volt troll motor male plug 2/10ga leads 6"

5010-28

12 volt troll motor male plug 2/8ga leads 6"

5010-03

12/24 volt troll motor male plug 3/10ga leads 6"

5010-38

12/24 volt troll motor male plug 3/8ga leads 6"



5010-12

12 volt troll motor female plug 2/10ga leads 6"

5010-13

12/24 volt troll motor female plug 3/10ga leads 6"

12 VOLT PLUGS ARE ALSO USED ON BATTERY CHARGERS

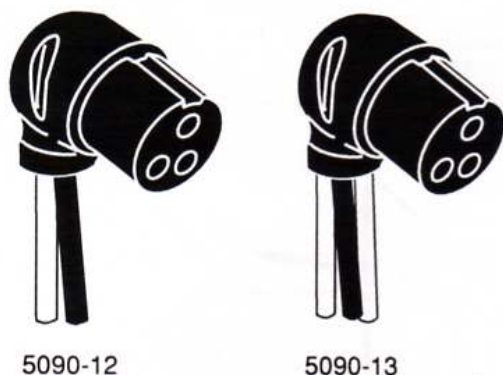


5090-02

12 volt troll motor male plug 90° 2/10ga leads 6"

5090-03

12/24 volt troll motor male plug 90° 3/10ga leads 6"



5090-12

12 volt troll motor female plug 90° 2/10ga leads 6"

5090-13

12/24 volt troll motor female plug 90° 3/10ga leads 6"

Receptacles & Troll Panels

WHEN PLUGGED IN, 5090 SERIES PLUG WIRE ARE 90° TO PANEL, HELPS KEEP WIRES OUT OF THE WAY.

RECEPTACLES FOR TROLL MOTOR PLUGS

5011-02

12 volt receptacle 2/10ga leads 6"

5011-28

12 volt receptacle 2/8ga leads 6"

5011-03

12/24 volt receptacle 3/10ga leads 6"

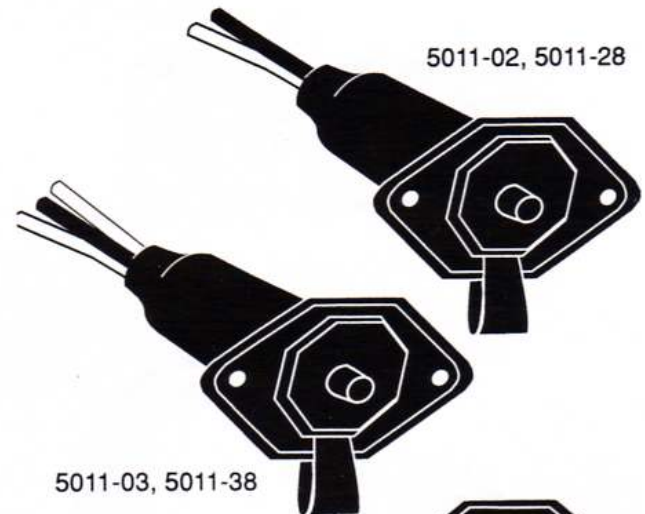
5011-38

12/24 volt receptacle 3/8ga leads 6"

5012

Replacement cover for 5011 receptacles.

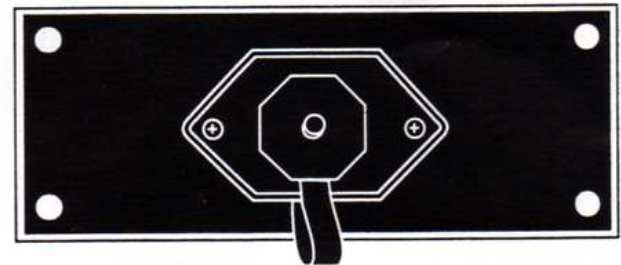
Troll plugs and receptacles are molded with flexible PVC at terminal location for easy plug-in alignment. Mounting surface on receptacles is molded with rigid polypropylene. Fits 1 1/8" diameter hole, #10 mounting holes and 2 1/2" x 1 3/4" faceplate.



6006-01

ECONO TROLL PANEL

12 volt panel includes a 20' 2 wire 8ga harness, fused with our water tight for electrical protection. 2 wire plug provided to connect to your 12 volt appliance or troll motor. 2 1/2" x 6" black panel can be utilized in trailers, campers and boats.



6006-01

6009-01

6010-01 TROLL PANELS

Troll motor panel systems are prewired, come with 1 plug for motor and 1 plug for battery charger, an 18' 8 ga 4 wire fused harness and 12' trim harness. Ready to plug to back of panel with simple installation instructions. Black panel 2 1/2" x 6" size for standard and 3 1/2" x 8" for deluxe. 6009-01 Deluxe panel also includes voltmeter, battery check switch and a combination lighter/map light.



6010-01



6009-01

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Power Harnesses

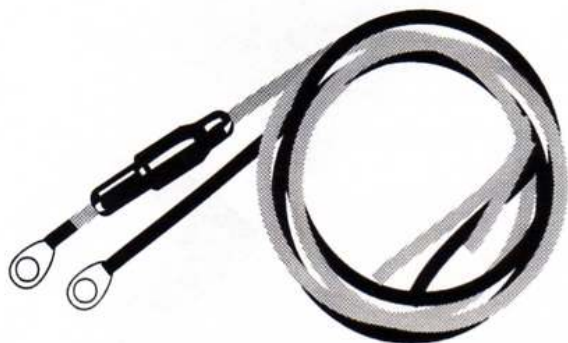


2404

2404

TERMINAL BLOCK

Brings heavy wire connections to one location. Ideal for use on a 6ga 4 wire troll harness, or as a common ground point. 7/16" divided positions with #10 screw terminals.

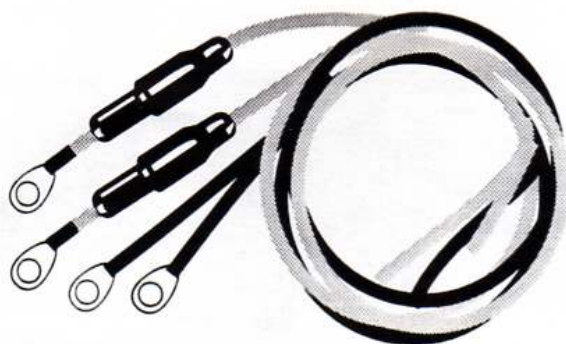


6502 Power Troll Harness 12 volt

6502

POWER TROLL HARNESS 12 VOLT

20' 8ga leads black and red. Red has watertite fuse holder with 30 amp fuse, ring terminals on both wires for battery. Commonly used for higher amperage draw applications. See chart for circuit capacity.

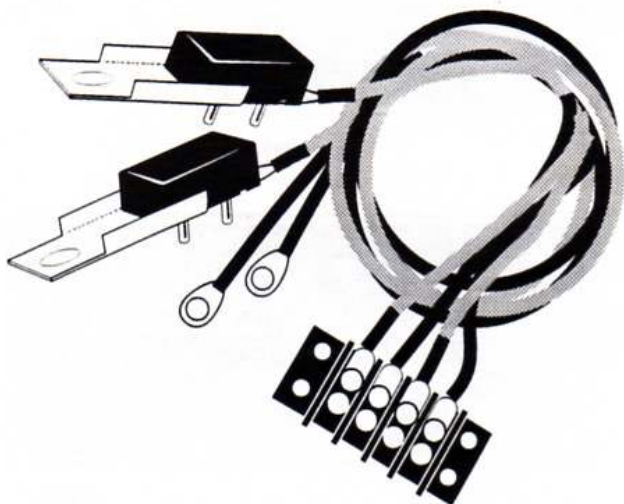


6504 Power Troll Harness 12/24 volt

6504

POWER TROLL HARNESS 12/24 VOLT

4 8ga leads 20' long with watertite fuseholders on both red leads. Includes 30 amp fuses and ring terminals for 2 batteries. See chart for circuit capacity.



6ga POWER TROLL HARNESS 12/24V

8ga POWER TROLL HARNESS 12/24V

For heavy duty use. Both have 4 leads 20' long. 40amp circuit breakers on red leads, with mounting terminals for 2 batteries. A 4 position terminal block on opposite end to attach accessories. See chart for circuit capacity inside back cover.

Electrical Plugs & Receptacles

5022

MARINCO 3 WIRE PLUG

Used with #5023, plug is great for any heavy duty application. Often used for charging your troll batteries or for running troll motors.

5023

MARINCO 3 WAY RECEPTACLE

Many applications for this part can be found. We use it primarily for 12V or 24V trolling motor hook-up.



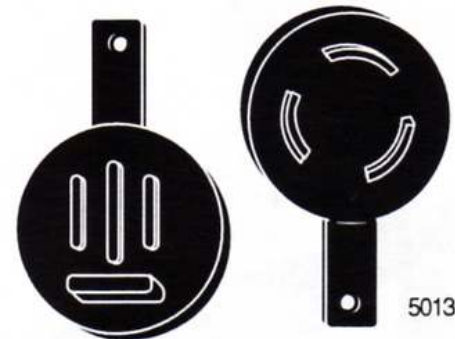
5022 (Black)

5023

5013

RECEPTACLE COVER

Used with #5023 keeps water and dirt out of receptacle.



5013

Front View of Both 5013 & 5014

5025

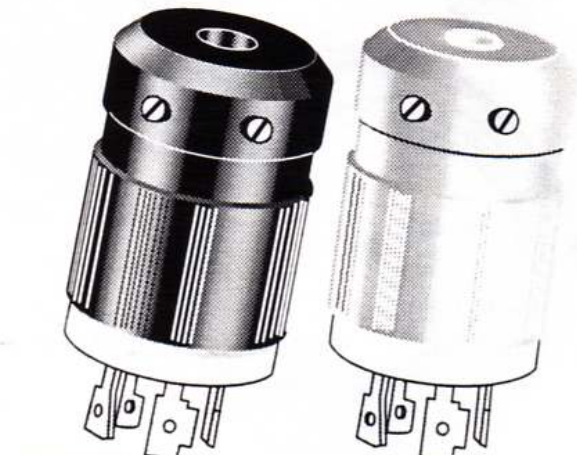
MARINCO 4 WIRE PLUG

Black 12/24 volt troll motor plug, internally jumped. When used with 4 wire 2 battery systems you can get 12 volts from battery #1, or 24 volts from both batteries. Works well on troll motors equipped with a 12/24 volt switch.

5026

MARINCO RED CHARGE PLUG

Plug is internally jumped. When attached to a 12 volt battery charger and used with a 4 wire troll harness, 2 battery system, both batteries will charge at the same rate.



5025 (Black)

5026 (Red)

5024

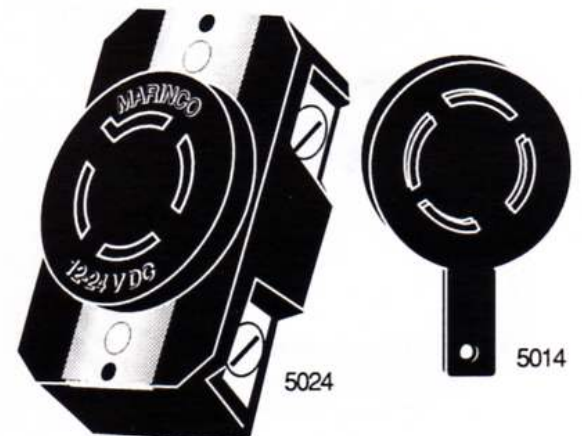
MARINCO 4 WAY RECEPTACLE

This receptacle is most often used with larger amp troll motors. It eliminates the charge/run switch.

5014

RECEPTACLE COVER

Used with #5024 keeps water and dirt out of receptacle.



5024

5014

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Wire Harnesses



6107 EIGHT WAY MOLDED PLUG

Female plug 24" with 2 10ga leads, black and red, and 6 16ga leads purple, grey, lt. blue, tan, brown/white and yellow/red. Mates with #6108.

6108 EIGHT WAY MOLDED PLUG

Male plug has same colors, wire gauge, and length as #6107. Mates with I/O engine harness and #6107.

6115 6116 6117 ENGINE HARNESS EXTENSION

10', 15' and 20' male to female 8 wire harness mates with any of our standard I/O engine harnesses. Special lengths available on request.

6168 6188 6208 I/O ENGINE HARNESS

Has molded 8 way on one end and round 9 way, ninth wire is tan/blue. Harness is spiral taped. Fits most inboard engines. Other lengths available by special order.

5320-201 MERCURY I/O TRIM HARNESS

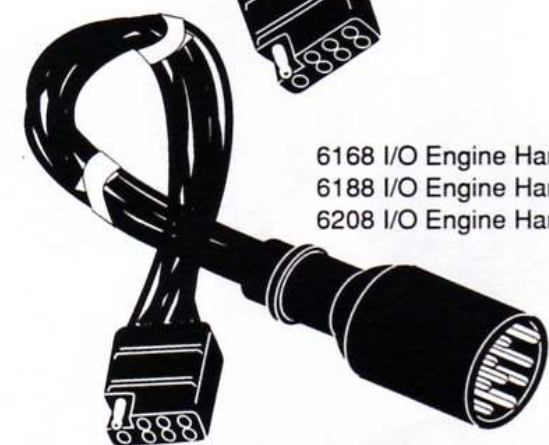
20' electrical connection harness to engine to raise and lower outdrive.

6099 LIGHT HARNESS

Attached to 3 position push/pull switch. Leads are 10' to each light with fused lead to battery.



6115 Engine Harness Extension
6116
6117



6168 I/O Engine Harness 16'
6188 I/O Engine Harness 18'
6208 I/O Engine Harness 20'



5320-201 Trim Harness



6099 Light Harness

Livewell & Pump Accessories

6000-06

LIVEWELL CONTROL CENTER®

Features solid state 12 volt automatic pump control unit. A time control adjusts off time from 90 seconds to 5 minutes, on time is 30 seconds. A red light comes on when pump is operating. This unit will run pumps up to 8 amps. Comes with 20' wire harness and installation instructions. Brush sterling panel color, size is 2 1/2" x 4 3/4". This is a "must have" for any serious fisherman.



6000-06
6000-96

6000-96

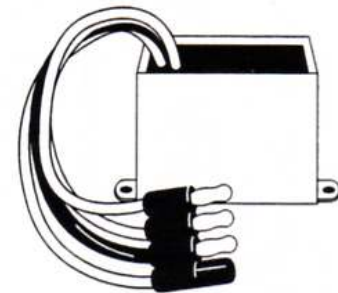
LIVEWELL CONTROL

Features **NEW** Relay Harness #6000-3

6015-08

REPLACEMENT TIMER

Automatic pump control replacement unit for Mar-Lan #6000-06.

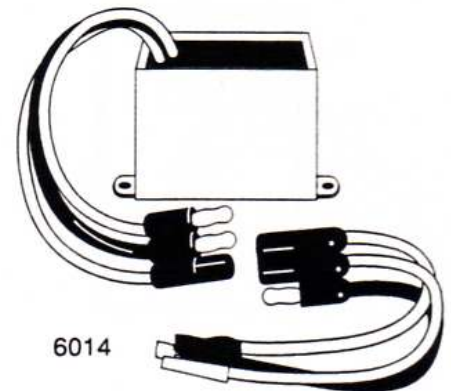


6015-08

6014

BASS SAVER

Automatic pump control module mounts under console, dash or gunnel. Operates pumps up to 8 amps, for 30 seconds on - 5 minute off intervals. Includes harness and instructions.

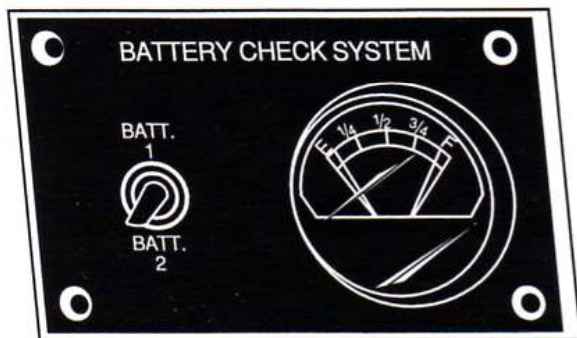


6014

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Control Panels



6017-01

6017-01

BATTERY CHECK SYSTEM

Has a battery fuel gauge, which gives an expanded view of energy remaining in batteries. Black panel 3 1/4" x 4 1/2" with instructions. Harness not included.



6013-06

6013-06

TRIM PANEL

Allows for installation of a tilt function in any easy access area. Makes launching and loading easy. Rubber boot over switch. Includes 12' harness. Panel is brush sterling 1 3/4" x 2 3/4".



6096-06

6096-06

NAV/ANC SWITCH PANEL

Prewired, harness leads of 10' to each light and fused lead to battery. Brush sterling color 1 3/4" x 2 3/4".



6095-06

6095-06

THREE SWITCH PANEL

Prewired for Nav/Anc, and power supplied to remaining switches. Harness has 10' leads to each light and fused lead to battery. Brush sterling color 3" x 5 1/4". Panel can install vertically or horizontally.

6003-06

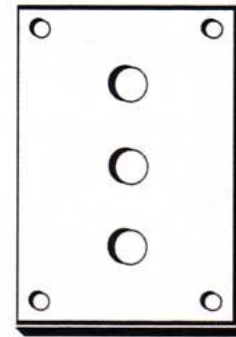
BLANK SWITCH PANEL 3" X 5 1/4"

6004-06

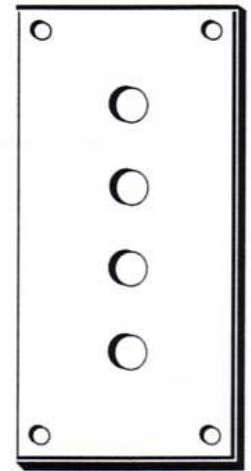
BLANK SWITCH PANEL 3" X 6 3/4"

Make your own toggle switch panel with these predrilled plates. 1/2" diameter switch holes are spaced to allow for vertical or horizontal panel mounting. Color - Brush Sterling.

The primary panel material used on Mar-Lan items is a base of ABS plastic, 3/16" thick in black or white. It has a 5 mil decorative design laminated over it. This allows a good contrast when legends are engraved into it. This type of material stands up well for outside uses.



6003-06



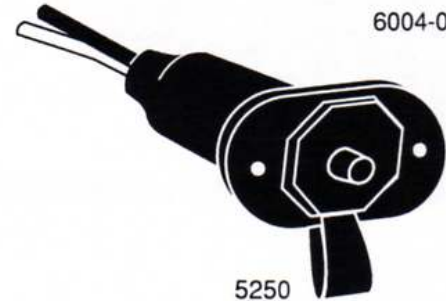
6004-06

5250

ACCESSORY SOCKET

Socket is made by Mar-Lan with durable polypropylene plastic and all brass contacts to resist corrosion. Mounts in 1 1/8" hole with #10 mounting holes.

1 1/4" x 2" face plate, 6" leads, 12 volt.

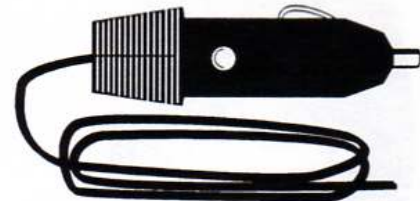


5250

5251

ACCESSORY PLUG

4 foot cord, attach to 12 volt portable lights or appliances. Fits 5250 socket.



5251 PLUG

6007-06

ACCESSORY PANEL

3" x 3" brush sterling color panel, attach 12 volt leads and you're good to go. Plug not included.

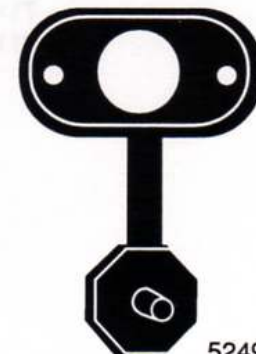


6007-06

5249

SOCKET REPLACEMENT CAP

Accessory socket replacement cap.

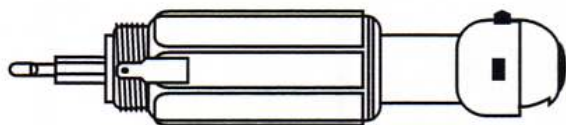


5249

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Electrical Accessories



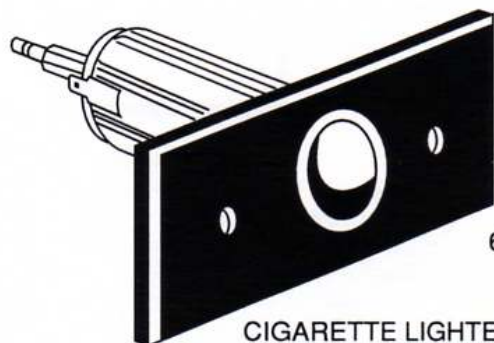
CIGARETTE LIGHTER

7120

7120

CIGARETTE LIGHTER

Has built in map light. Mounts in 7/8" hole up to 1/4" thick panel.



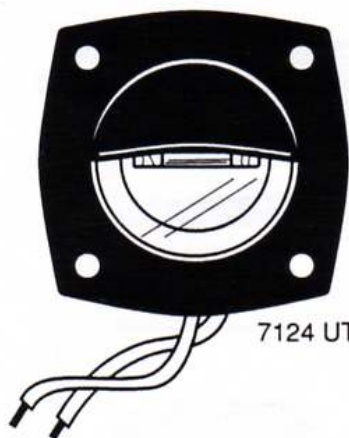
CIGARETTE LIGHTER PANEL

6008-01

6008-01

LIGHTER PANEL

Combination cigarette lighter/map light installed in this black color panel. 1 3/4" x 2 3/4"



7124 UTILITY LIGHT

7124

UTILITY LIGHT

Black bezel 2 1/4" square with 5" leads. 12 volt bulb can be replaced. Mounts into 2" hole.



7115-02
7115-03
7115-06
7115-07

INDICATOR LIGHTS

7115-02 RED

7115-03 AMBER

7115-06 GREEN

7115-07 BLUE

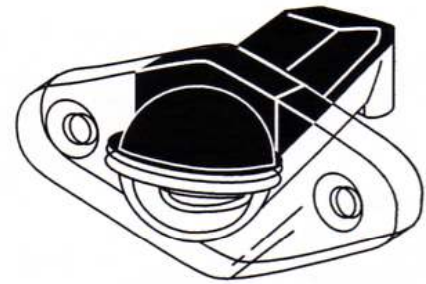
12 volt I.D. lights have 18ga. 5 1/2" leads. Black nylon body with 3/8" bezel. Mounts in 5/16 hole up to 1/4" thick panel. Includes push on locking clip. Bulb is not replaceable.

Electrical Accessories

04116

PANEL LIGHT

Fits in small areas. Used often on troll panels for night fishing. 12 volt, requires 2 leads with .180 male bullet connectors and 2 #6 screws. Suggestion - on troll panels with a battery check switch, connect leads to center posts.

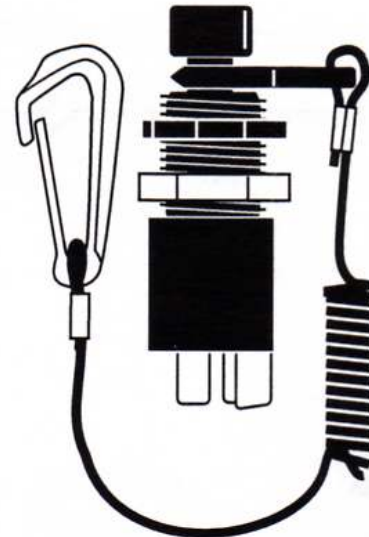


04116 PANEL LIGHT

7200

ENGINE STOP SWITCH

Comes with lanyard and has .250 male quick connects. Works on ignition or magneto systems.



STOP SWITCH 7200

5226

CABLE CLIP

1" shaft. Clips are designed to clamp transducer cable tightly to troll motor shaft. Let your imagination go, you'll come up with many other uses.



5226

5227

CABLE CLIP

1 3/8" shaft.



5227

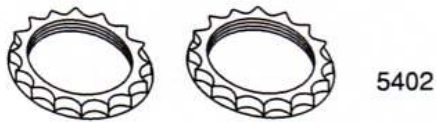
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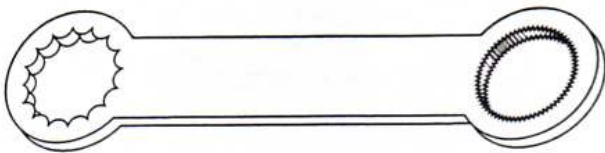
Switches



5401



5402



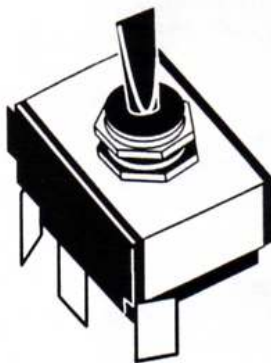
5410



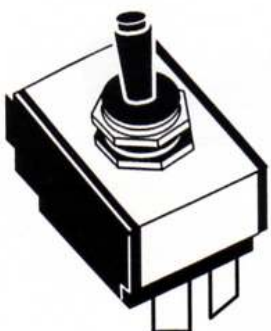
7050 TOGGLE BOOT



2206
CIRCUIT BREAKER BOOT



7000
7001
7002
7003
7004
7005



7007
7008

5401 KNURL DRESS NUT

5402 12 POINT DRESS NUT

Toggle switch dress nuts are made of high impact plastic for long lasting durability. To install use #5410 wrench.

5410 DRESS NUT WRENCH

One serrated end to match 5401 knurl nut, other end is 14mm to match 12 point nut.

7050 TOGGLE BOOT

Will give extra protection against dust and moisture.

2206 circuit breaker BOOT

Semi-clear circuit breaker boot works well to seal out water and dust. Fits 2205 series panel mounts

7000	ON-OFF	SPST
7001	ON-OFF-ON	DPDT
7002	ON-OFF-ON	SPDT
7003	(ON)-OFF-(ON)	SPDT
7004	(ON)-OFF-(ON)	DPDT
7005	(ON)-OFF	SPST

Toggle switches have black plastic flat toggle, metal neck, metal back up nut and plastic dress nut. Mounts in 1/2" hole up to 1/4" thick material. .250 quick connect male terminals. 15 amp at 12 volt.

7007	ON-OFF	SPST
7008-1	ON-OFF-ON	SPDT

Lighted toggle switches have black plastic round toggle with red lens. All other characteristics are the same as unlighted toggle switches.

7100

IGNITION SWITCH OFF-ON-START

3 pole with #10 screw terminals. Mounts in 13/16" hole, up to 1/2" thick panel. Chrome plated brass dress nut.

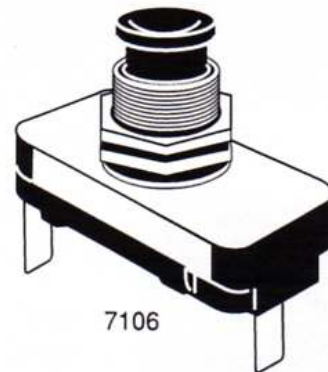
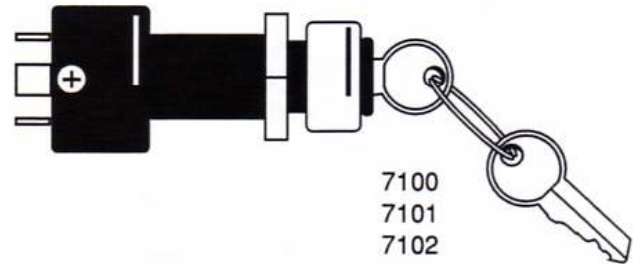
7101

IGNITION SWITCH ACCY-OFF-ON-START

4 pole with .250 male quick connects. Mounts in 13/16" hole up to 1/2" thick panel. Chrome plated brass dress nut.

7102

IGNITION SWITCH ACCY-OFF-ON-START with PUSH TO CHOKE function. 5 pole with #10 screw terminals. Mounts in 13/16" hole up to 1/4" thick panel. Chrome plated brass dress nut.



7106

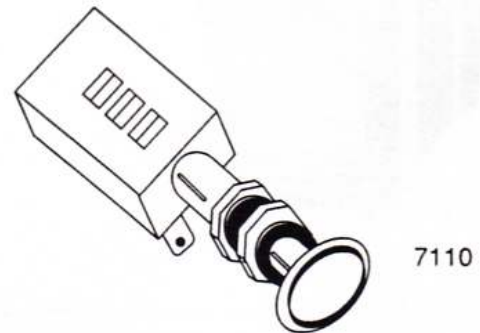
RED PUSH BUTTON

Switch used for horn button, or any momentary function up to 15 amps. Mounts in 1/2" hole up to 1/4" material.

7110

PUSH-PULL SWITCH

3 position OFF-ON-ON with .250 male quick connects. Mounts in 3/8" hole up to 1" thick material.



7310 ON-OFF SPST

7311 ON-OFF-ON DPDT

7312 ON-OFF-ON SPDT

7313 (ON)-OFF-(ON) SPDT

7314 (ON)-OFF-(ON) DPDT

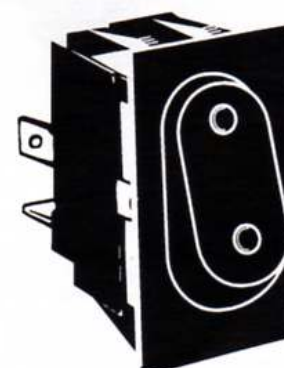
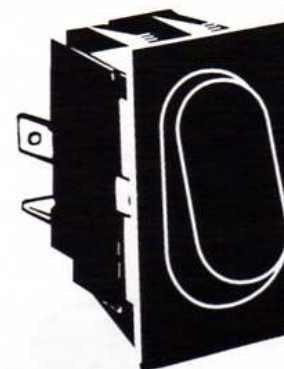
Euro style black rocker switches for most used functions. Moisture seal for marine use. .250 quick connect male terminals. Mounts in 13/16" X 1 1/2" cut out, up to 1/4" thick material.

7316 (ON)-OFF SPST One red light

7317 ON-OFF SPST One red light

7318-1 ON-OFF-ON SPDT Two red lights

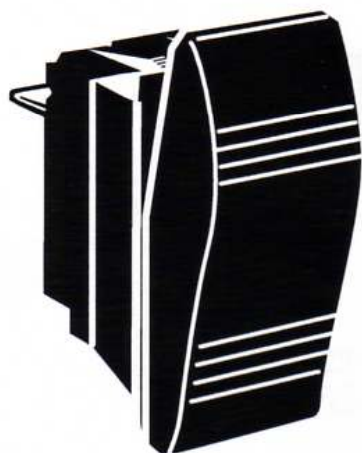
Lighted Euro style rocker switches. Moisture seal for marine use. .250 quick connect male terminals. Mounts in 13/16" X 1 1/2" cut out, up to 1/4" thick material.



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Rocker Switches



CONTURA

7410
7411
7412
7413
7414
7415

7410 ON-OFF	SPST
7411 ON-OFF-ON	DPDT
7412 ON-OFF-ON	SPDT
7413 (ON)-OFF-(ON)	SPDT
7414 (ON)-OFF-(ON)	DPDT
7415 (ON)-OFF	SPST

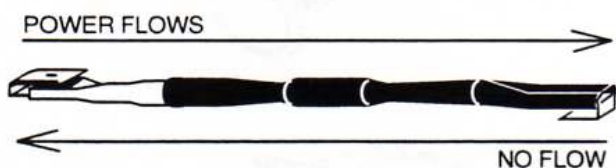
Contura style black rocker switches for most used functions. Moisture seal for marine use. .250 quick connect male terminals. Mounts in 13/16" X 1 1/2" cut out, up to 1/4" thick material.



7416
7417
7418-1

7416 (ON)-OFF	SPST One red light
7417 ON-OFF	SPST One red light
7418-1 ON-OFF-ON	SPDT Two red lights

Lighted Contura style black rocker switches for most used functions. Moisture seal for marine use. .250 quick connect male terminals. Mounts in 13/16" X 1 1/2" cut out, up to 1/4" thick material.

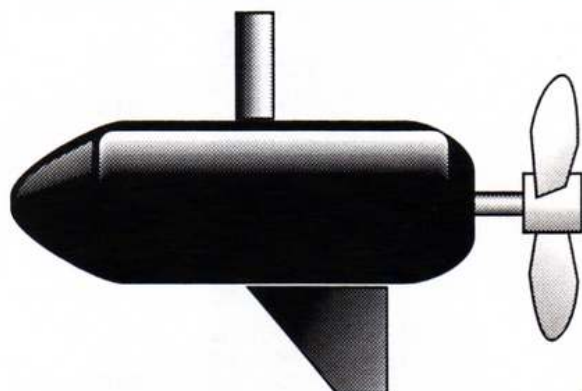


6303 Blocking Diode

6303 BLOCKING DIODE

Used mainly with lighted toggle and rocker switches. It can block the power flow, up to 3 amps, in one direction. Color coded for easy use. One end red, the other black, with .250 piggyback terminals on each end.

POWER FLOWS FROM RED TO BLACK AND IS BLOCKED FROM BLACK TO RED.



5331 PROP-LOC REMOVAL TOOL

5330 MOTOR GUIDE LOCK NUT
5336 MINN KOTA LOCK NUT

5332 SHAFT HOLDING TOOL W/CAP

10216
SHEAR PINS
(2 enclosed)

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5335 MOTOR GUIDE PROP-LOC KIT
5338 MINN KOTA PROP-LOC KIT
(Kit includes all labeled parts above)

GENERAL TERMS AND CONDITIONS OF SALE

These Terms and Conditions of State shall apply to all states of goods (Goods) and/or services (Services, and together, Products) sold to Buyer by MAR-LAN INDUSTRIES, a Texas corporation. All orders are subject to approval by Seller at its corporate headquarters in Dallas, Texas. Any waiver or alteration by Seller shall be made in writing signed by an officer or director of Seller at the applicable corporate headquarters.

1. PAYMENT TERMS. (a) Invoices are due and payable net 30 days from shipment. (b) Payments received from Buyer may be applied by Seller against any obligation under this or any other written agreement between Buyer and Seller. Seller may refuse or delay shipments if Buyer fails to pay promptly any payments due Seller under any purchase order or agreement. Any discount offer is void if not taken at time of Invoice Payment.

2. PRICE & TAXES. Unless otherwise specified in writing all prices are F.O.B. point of origin. Any prices quoted in writing shall be valid for 30 days from issuance. Seller may increase the price of any Goods ordered by Buyer but not yet shipped by Seller if Seller's cost for such Goods has been increased by Seller's supplier. Seller may increase its quoted price by a percentage equal to the percentage of increased Seller's cost for the Goods and Buyer agrees to pay such increased price in accordance with these terms. Prices do not include sales, use, services, excise or similar taxes. Buyer shall pay any sales, use, excise or similar tax attributable to the sale of the goods covered hereby, or shall provide Seller with tax exemption certificates acceptable to the taxing authorities.

3. SERVICES. Services to be provided by Seller will be governed by a mutually agreed upon written quotation and statement of work and specifications (in whatever form and under whatever name, herein, a ISOWT). In addition to these General Terms and Conditions, any such SOW shall constitute the complete and exclusive specifications (hereinafter Specifications) for the Goods to be sold and/or Services to be performed. All Specifications shall be based solely upon information provided by Buyer. If Buyer requests a change to the Specifications, or if any information or the Specifications provided by the buyer is determined by Seller, to be inaccurate or incomplete, Seller may: (a) stop until Buyer and Seller agree on an adjustment or (b) upon ten (10) days prior notice, terminate this Agreement immediately without liability to Seller, and assess Buyer cancellation charges.

4. ACCEPTANCE. Upon receipt of Products, Buyer agrees to inspect and/or test Products. Such inspection and testing shall be completed promptly and in no event later than 10 days after receipt of Goods by Buyer or completion of Services by Seller. The Products shall be deemed accepted by Buyer unless Buyer provides Seller with timely written notice specifically noting any defects or discrepancies in the quality or quantity of Products received.

5. DELIVERY & TRANSPORTATION. All Goods shipped are F.O.B. point of origin. Title to and risk of loss of all Goods shall pass upon Seller's delivery of Goods to carrier. Buyer shall pay all freight, handling, delivery, special packing and insurance charges for shipment of goods. Seller shall have the right to deliver all goods covered hereby at one time or in portions from time to time, within the time for delivery provided in such order.

6. WARRANTIES AS TO GOODS. Buyer acknowledges that Seller is acting solely as a third party distributor of the Goods sold by Seller and that the manufacturer, licensor or other vendor of the Goods is solely responsible to Buyer, Seller and to third parties for all liability, claims, damages, obligations, and costs and expenses related to the Goods. Buyer agrees to look solely to the manufacturer, licensor or other vendor of the Goods for breaches of the licensor's or manufacturer's warranty and/or for any maintenance, support, repair, or replacement of the Goods. The warranty made to Seller by the manufacturer, Licensor or, other vendor of the Goods will be assigned to Buyer by Seller, to the extent such assignment is permitted by law and the terms thereof. SELLER'S REPRESENTATION, COVENANT OR WARRANTY WITH RESPECT TO THE EXTENT OR ENFORCEABILITY OF THE MANUFACTURER'S OR LICENSOR'S WARRANTY. No such warranty by the manufacturer, licensor or other vendor of the Goods shall apply to any Goods which have been altered or repaired, other than manufacturer authorized repairs, or which have been subjected to misuse, negligence or accident.

7. WARRANTY AS TO SERVICES. Seller warrants that all Services rendered by Seller shall be rendered substantially in conformity with the Specifications and shall be performed in a workmanlike manner. Seller warrants such conformity with Specifications for ninety (90) days following the date of shipment. If any of the Products are found to be defective by reason of Seller's failure to conform to the Specifications such Product will, at Seller's option be replaced, repaired at Seller's cost or the purchase price refunded.

8. DISCLAIMER OF OTHER WARRANTIES. Seller makes no other warranty, express or implied, with respect to the Goods or Services. SELLER DISCLAIMS ANY WARRANTY WITH RESPECT TO THE MERCHANTABILITY OF THE PRODUCTS OR THE FITNESS OF PRODUCTS FOR ANY PARTICULAR PURPOSE OR USE OF BUYER AS WELL AS ANY EXPRESS OR IMPLIED WARRANTIES OR CONDITIONS ARISING THROUGH THE USE BY SELLER OF ANY SAMPLES, ANY COURSE OF DEALING OR COURSE OF PERFORMANCE BETWEEN THE PARTIES OR USAGE OF TRADE. No repair or replacement of Products by any party shall extend any warranty period therefor.

Seller does not warrant or guarantee in any form the result or achievements of the Services provided. Seller is not responsible in any way for the work or activity of any non-seller supplied personnel, including subcontractors or independent contractors.

9. LIMITATION OF LIABILITY. Seller's liability (whether under the theories of breach of contract, tort liability, misrepresentation, fraud, warranty, negligence or strict liability) for the Products shall be limited to repairing or replacing the Products found by Seller to be defective or nonconforming as provided above, or at Seller's option, Seller may refund the purchase price of such Products. IN NO EVENT SHALL SELLER'S LIABILITY EXCEED THE PURCHASE PRICE OF THE PRODUCTS DETERMINED TO BE DEFECTIVE.

10. LIMITATION OF DAMAGES. IN NO EVENT SHALL SELLER BE LIABLE TO BUYER OR ANY THIRD PARTY FOR ANY LIABILITY, CLAIMS, OBLIGATIONS, DAMAGES, COSTS OR EXPENSES, INCLUDING, WITHOUT LIMITATION, ANY SPECIAL INDIRECT OR CONSEQUENTIAL DAMAGES (INCLUDING LOST PROFITS, BUSINESS LOSSES, PERSONAL PROPERTY DAMAGE AND PERSONAL INJURY), ARISING OUT OF OR RELATING TO THIS AGREEMENT AND SUPPLYING OF THE GOODS TO BUYER OR ANY SERVICES PROVIDED TO BUYER, ANY THIRD PARTY RIGHTS IN THE PRODUCTS OR ANY USE OF THE PRODUCTS OR THE RESULTS OR DECISIONS MADE OR OBTAINED BY USERS OF THE PRODUCTS EVEN IF SELLER HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. Consequential damages shall include, without limitation, loss of use, loss of income or profit, loss of data, costs of recreating lost data, or the loss sustained as the result of injury to any person, or loss damage to any property, or loss or damage sustained as the result of work stoppage.

11. RETURN/CANCELLATION. Orders accepted by Seller may be cancelled only upon written consent of Seller. Where Seller consents to a cancellation or other withdrawal of an order for Products, Buyer shall pay Seller, in Seller's discretion, reasonable cancellation charges (in an amount not less than 15% of the cancelled order). All orders which include non-standard items, are non-cancelable, non-returnable

and non-refundable. Buyer shall notify Seller in each instance when Buyer intends to return Goods for breach of manufacturer's, licensor's or other vendor's warranty. Seller shall be entitled to examine such Goods at Buyer's facilities prior to their return. Final inspection and determination whether Goods breach such warranty shall be made by Seller. Where Seller has issued and delivered to Buyer a written determination of a bona fide defect or discrepancy in the quality or quantity of Goods received by Buyer or Seller shall otherwise determine that the Goods are returnable, Seller shall issue or cause to be issued a Return Material Authorization (RMA) for the Goods. Buyer shall return such Goods to Seller facility, (F.O.B. Seller's facility) within 30 days of the date of Seller's assignment of such RMA. Buyer shall return defective Goods in their original package and in good condition, without alteration, defacement or removal of serial numbers or any part thereof. Upon acceptance of properly returned Goods to Seller, Seller agrees to (i) credit the account of Buyer for Goods returned and/or (ii) replace the defective Goods with conforming Goods without charge to Buyer. In the event Buyer received an insufficient quantity of Goods, and such insufficiency has been verified by Seller, Seller shall ship additional conforming Goods to Buyer to rectify the deficiency. Other than the foregoing inspection and acceptance provisions, all sales of Goods are final, and Buyer shall have no rights to return such Goods to Seller. In the event Seller be obligated to (i) credit the account of Buyer for Goods returned, (ii) replaced the defective Goods with conforming Goods, and/or (iii) issue or cause to be issued any Return Manufacturer's Authorization (RMA) for the Goods beyond ninety (90) days from the date of the written determination by Seller of a defect or discrepancy.

12. FORCE MAJEURE. Seller shall not be liable for delays in delivery or for failure to perform due to causes beyond the reasonable control of Seller, which causes shall include without limitation acts of God, acts or omission of Buyer, acts of civil or military authorities, fire, strikes, power surges or outages, epidemics, quarantine restrictions, flood, earthquakes, riot, war, delays in transportation or inability to obtain necessary labor, materials or supplies. In the event of any delay, the set date of delivery, if any, shall be extended for a reasonable period, or, at Seller's option, cancelled.

13. EXPORT. BUYER agrees not to directly or indirectly export any Goods (whether or not modified by Services), including, but not limited to parts, equipment, software or technical data/documentation without first obtaining the required U.S. Government export license(s). If BUYER intends to export Goods outside the U.S., BUYER shall determine whether an export license is required and if so obtained that license from the U.S. Government.

14. INTELLECTUAL PROPERTY. Seller shall have no liability of any kind with respect to any actual or alleged infringement of any United States or foreign patent, trademark, copyright, maskwork right, trade secrets or similar proprietary rights. Buyer agrees to look solely to the manufacturer, licensor or other vendor or the Goods with respect to any claim of infringement. SELLER DISCLAIMS ANY IMPLIED WARRANTY AND CONDITION OF NON-INFRINGEMENT OR, AS TO ANY SOFTWARE ANY WARRANTY OF TITLE.

15. DATA RIGHTS. The only Data Rights obtained by BUYER shall be determined by the specific terms and conditions offered by the manufacturer of the Goods.

16. ASSIGNMENT. Any assignment of this agreement or any right hereunder by Buyer shall be void without Seller's written consent.

17. DEFAULT. In the event of any default, Buyer shall pay all costs incurred by Seller in collecting any amounts due under this agreement, including reasonable attorney's fees and costs. The waiver by Seller of any breach or default in any payment shall not be deemed to be a waiver of any later breach or default. Seller shall have all the remedies provided under the Uniform Commercial Code, including those of a secured party, and any other remedies which Seller may have at law, in equity or under any other agreement. All such remedies shall be cumulative. The exercise or failure to exercise any remedy shall not preclude the exercise of that remedy at another time or of any other remedy at any time.

18. INDEMNIFICATION. Buyer represents and warrants that all Specifications shall be accurate and complete. Buyer further warrants that the Goods will not be resold, transferred, exported or reused in any way by Buyer in violation of any laws, regulations or export control imposed by the U.S. Government. Buyer represents and warrants that the Goods sold by Seller will not be used in connection with (a) nuclear installation or material or (b) a medical device or surgical implant regulated by the FDA or (c) mass transit or (d) any applications where failure or malfunction could create a situation in which personal injury or death is likely to occur. Buyer shall indemnify, defend and hold harmless Seller, including reasonable attorney fees, court costs, and costs of investigation and defense, from any harm or damages or liability caused to it by any breach of any of the foregoing representations or for the failure to comply with any laws or regulations including, without limitation, any Export laws of the U.S.

19. SECURITY INTEREST. Buyer grants Seller a purchase money security interest in the items sold hereunder whether constituting equipment, inventory, fixtures and/or general intangibles shipped by Seller at any time including all accessions to and replacements thereto, and all proceeds thereof (collectively, the Collateral) to secure the payment of the purchase price of such Collateral. Buyer authorizes Seller: (i) to file one or more financing statements signed only by the Seller without the Buyer's signature, and (ii) to use a copy of this agreement as an exhibit to any financing statement. Buyer agrees to cooperate fully with Seller in executing any additional documents, instruments, financing statements or amendments thereto as Seller may request to perfect or continue the security interest created by this agreement.

20. INTEGRATION. This agreement sets forth the sole and entire agreement between the parties with regard to the sale of Goods herein and supersedes any and all prior or contemporaneous oral agreements between them regarding the same. When Buyer and Seller enter into additional written agreements with respect to Goods and/or services to be provided to Buyer by Seller, these General Terms and Conditions of Sale shall be deemed incorporated by reference in those additional writings.

21. GOVERNMENT CONTRACTS. Seller shall not be responsible for compliance with any terms and conditions intended to be imposed upon Seller by virtue of Buyer purchasing product from Seller in support of a U.S. Government contract where the products being sold by Seller to Buyer are standard commercial items available for sale to the general public and Buyer shall be responsible for obtaining, from the government agency involved, a deviation from any such flow-down provisions for the benefit of Seller. In the case of non-commercial product being sold to Buyer by Seller, only those provisions required by the government contract and expressly agree to by Seller in a separate written agreement between Buyer and Seller shall be binding upon Seller.

22. GENERAL. All agreements, covenants conditions and provisions contained herein shall apply to and bind the assignees and successors in interest of Buyer. If any provisions or portion of this agreement is held to be invalid, illegal, unconscionable or unenforceable, the other provisions and portions shall not be affected. The several captions used herein are for the convenience of the parties only and shall not affect the construction or interpretation hereof. Any clerical errors are subject to correction. This agreement shall be governed by the laws of the State of Texas.

NEW ROUNDED EDGING FOR PANELS



THREE SWITCH PANEL STOCK

Panel features toggle switches and panel mount fuses. Unit is engraved with Nav/Anc Lights, Bilge, and Aerator. The toggle switches and fuses are splash proof and the fuses provide overload protection. Panel comes completely wired and is easy to install. Panel finish is matt black w 3 3/4" x h 3 1/4".

6003-02



THREE SWITCH PANEL STD

Panel features lighted rocker switches and panel mount fuses. Unit is engraved with Nav/Anc Lights, Bilge, and Aerator. Switches and fuses are splash proof and the fuses provide overload protection. Panel comes completely wired and is easy to install. Panel finish is matt black w 4" x h 4 1/2".

6003-03



THREE SWITCH PANEL DELUXE

Panel features lighted rocker switches and panel mount resettable circuit breakers. Unit is engraved with Nav/Anc Lights, Bilge, and Aerator. Switches and circuit breakers are splash proof. Panel comes completely wired and is easy to install. Panel finish is matt black w 4" x h 4 3/4".

6003-04

CUSTOMIZED TO YOUR SPECIFICATIONS



FOUR SWITCH PANEL STOCK

Panel features toggle switches and panel mount fuses. Unit is engraved with Nav/Anc Lights, Bilge, Aerator, and Accessory. Toggle switches and fuses are splash proof and the fuses provide overload protection. Panel comes completely wired and is easy to install. Panel finish is matt black w 4 3/4" x h 3 1/4".

6004-02



FOUR SWITCH PANEL STANDARD

Panel features lighted rocker switches and panel mount fuses. Switches and fuses are splash proof. Panel is engraved with Nav/Anc Lights, Bilge, Aerator, and Accessory. Fuses provide overload protection. Panel comes completely wired and is easy to install. Panel finish is matt black w 5 1/4" x h 4 1/2".

6004-03



FOUR SWITCH PANEL DELUXE

Panel features lighted rocker switches and panel mount resettable circuit breakers. Switches and circuit breakers are splash proof and the circuit breakers provide overload protection. Panel comes completely wired and is easy to install. Panel finish is matt black w 5 1/4" x h 4 3/4".

6004-04

PANEL MATERIAL-ENGRAVING-SWITCHES-GAUGES



DASH PANEL STOCK

Panel features gauges for outboard engines. 8K tachometer, fuel, volt, and 80mph speedometer. Also, there are four toggle switches and panel mount fuses. This unit is splash proof and comes completely wired. Panel is engraved with Nav/Anc Lights, Bilge, Aerator, and Accessory. Panel is easy to install and comes with a speedo kit. Panel finish is matt black w 14" x h 8".

6050-01



UNIVERSAL GAUGE PANEL

Panel features gauges for outboard gas engines. 8K tachometer, fuel, volt, and 80mph speedometer. This panel can be used with the switch panels 6003 thru 6004 or it can be used by itself. Panel comes completely wired, with a speedo kit, and is very easy to install. Panel finish is matt black w 14" x h 5".

6050-03



DASH PANEL DELUXE

Panel features gauges for outboard gas engines. It has lighted rocker switches and panel mount resettable circuit breakers. Gauges are white faced with a chrome bezel, 7K tachometer, fuel, volt, and 80mph speedometer with kit. Panel is engraved with Nav/Anc Lights, Bilge, Aerator, and Accessory. Panel comes completely wired and is easy to install. Panel finish is carbon fiber w 14" x h 7 1/4".

6050-04

NEW

MARLAN INDUSTRIES, INC.

P.O. Box 541553
Dallas, Texas 75354-1553

CATALOG INSERT
NEW STOCK
REVISED ITEMS

NEW LOOK

LIVEWELL CONTROL CENTER®

Same as The Original by Mar-Lan Ind.

Features solid state 12 volt automatic pump control unit. A time control adjust off time from 90 seconds to 5 minutes, on time is 30 seconds. A red light comes on when pump is operating. This unit will run pumps up to 8 amps. Matt black panel, size 3.25" x 5" Harness not included.
6001-06



This is a "must have" for any serious fisherman.



BASS SAVER

Automatic pump control module mounts under console, dash or gunnel. Operates pumps up to 8 amps, for 30 seconds **ON** and 5 minutes **OFF**.

6014-06 Switch, panel & timer
6014 timer only



NEW 5 POLE CONNECTOR, the female end is connected to the towing vehicle when the trailer is equipped with a surge braking system. It also can be used with the standard flat four conductor trailer connector.

5008 five pole connectors
5008F-04 female 48"
5008M-01 male 12"

MERCURY TRIM CONNECTOR ADAPTOR

This trim adaptor converts the traditional Mercury trim plug to the Delphi connector. It makes rigging and repairs just plug and go.

5321-ADP



*Need insulated splices, Quick
Disconnects or ring connectors?
Call for quote*

CIRCUIT BREAKER and BRACKET

Insulated brass bracket for 2201 series in-line circuit breaker, allows for mounting breaker directly to battery post for easy access. Order bracket by itself or with a circuit breaker. Breakers have manual reset button (meeting marine specs) gives overload protection in marine and automotive applications. Solid brass nuts included for #10 terminal mounting bolts. Last two numbers indicate circuit breaker amperage.



BRACKET 2202BP-RED
CIRCUIT BREAKER and BRACKET KIT
2202BP-RED-20 (35, 40, 50)
STUD COVERS (2)
231101HB



BATTERY TERMINAL COVER

Covers circuit breaker, bracket and battery terminals at the battery.

Batbooted

"Y" HARNESS MFF

Used to split the engine harness to go to the helm and also the flybridge. Available in 24" and 36", 2 female 8 way plugs and 1 male 8 way plug.

6109-02 "Y" Harness 24"
6109-03 "Y" Harness 36"



Works with the following:

6118-16 I/O Engine Harness available in 4' to 120'+
6117-10 Extension Harness available in custom lengths also

I/O ENGINE HARNESS RECEPTACLE

This receptacle mounts on the engine to provide the monitoring of gauges and sensors. Receptacle with bracket or without bracket. Comes in 1' pigtail, and 6' harness length.

6199-01
6199-01-06

6199-02
6199-02-06

