

SERIES 442 & 441 Indicator Lights

Nartron® 442 Series indicator lights are water resistant (front side) and are constructed of rugged plastic and aluminum. Unbreakable Lexan lenses are available in round and square designs with highly-styled plastic shrouds (sun shields). The bulb can be serviced from the FRONT of the panel. A 13/16-dia. nut and lock washer are provided for installation in panels up to 1/4-inch thick. Series 441 is smaller (11/16" dia.). Standard leads are 6" long, 18 ga. SAE wire. Water proof units available upon request - use prefix M for all part numbers. (Patented)



Model 1218

The Model 1218 Water Seal Boot is used to protect indicator light sockets from the entry of water or moisture. These molded vinyl boots are used in Nartron's custom instrument panels and panel wiring harnesses and are available as options on the lights shown here.

1218 BOOT



1218 BOOT over 5/8" " plastic socket-wire asm



MODEL 442, FRONT MOUNT



MODEL 441, REAR MOUNT

- **LENSES:** High-impact polycarbonate. Hit 'em with a hammer . . . if you want to break the hammer. Reflex design gives full 180° cone of visibility. Lenses may be ordered with hot-stamped legend as desired. Choice of colors. Square, round and rectangular lenses available.
- **HOUSING:** Made of heavy aluminum. Steel or plastic bulb socket. Hold one in your fingers and you'll feel the weight that spells ruggedness!

- **MOUNTING:** gives the strength truckers look for in equipment. Rigid. Non-slip. Vibration proof. Solid aluminum shaft. No springs, clips or fasteners here . . . mount it and forget it!
- **WIRING:** Factory wired to your specifications. Single wire for case ground, or two wires for floating ground. Terminals optional.

NARTRON HAS IT

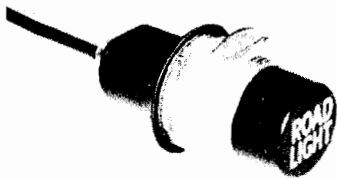
WHAT ARE YOUR REQUIREMENTS? PLEASE CHECK
OUR PEOPLE AND LET US HELP YOU.

Engineering specifications and pricing on request.

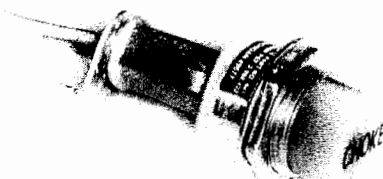
NARTRON
CORPORATION

REED CITY, MICHIGAN 49677 231-832-5525

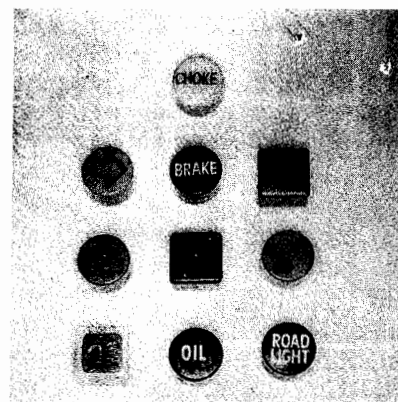
"...we turn things on..."



MODEL 441
REAR MOUNT



MODEL 441
REAR MOUNT
With steel socket.



LENS LEGENDS
Many more available.
call us.

NARTRON MODELS 441 AND 442 INDICATOR LIGHTS ARE THE TOUGHEST
IN THE FIELD – YET THEY ADD TO YOUR
PANEL'S APPEARANCE.

Lens Legends, Red with White Lettering*	Part Number for Round Lens and Shroud	Part Number for Square Lens and Shroud
BILGE PUMP	442-1-AD	442-2-AD
DON'T START	442-1-PP	442-2-PP
HI TEMP	442-1-N	442-2-N
HOT	442-1-C	442-2-C
LOW FUEL	442-1-LL	442-2-LL
LOW OIL	442-1-O	442-2-O
LOW VOLTS	442-1-WW	442-2-WW
NO CHARGE	442-1-G	442-2-G
OIL	442-1-A	442-2-A
PUMP ON	442-1-AR	442-2-AR
STOP ENG.	442-1-Q	442-2-Q
VOLTS	442-1-VV	442-2-VV
LOW WATER	442-1-R	442-2-R

*Other words available, also black lettering. Also available in Model 441.

CHECK YOUR NEEDS.....

- Rugged metal design provides for rigid mounting and heavy duty use.
- Lexan lens in all colors; unbreakable and guaranteed for life.
- Lens is captive. Round, square or rectangular in design.
- Rugged construction for truck, tractor, marine — Nartron designed for you.
- Bulb removal from front or rear; locate the light anywhere; no access panels required.
- Reflex lens provides for 180° brilliant cone of visibility. Choice of transparent or translucent.
- Your legend stamped on lens: Oil, Water, Air, Axle, Hot, Mir. Heat, Utly., Park Brk., No Chg., etc.
- Standard 11/16-27 or 13/16 nut design with locking washer.
- Standard two circuit wire for floating ground. Case ground, single wire optional.
- All units Nartron engineered.

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CORPORATION

REED CITY, MICHIGAN 49677 832-5525

"...we turn things on..."

NEW solid-STATE ALARM for ELECTRICAL SYSTEM MALFUNCTION



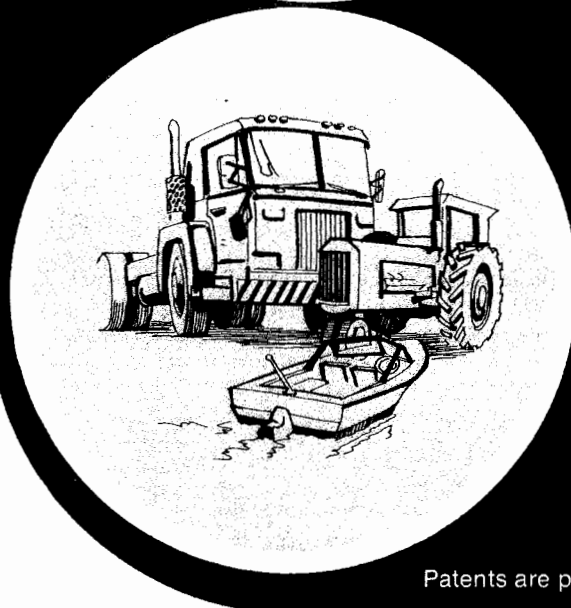
Voltron™ is a simple, reliable electronic module which senses the condition of the battery as well as the charging system in a boat or vehicle. It continuously monitors the voltage in the system and warns the operator by means of a warning light if the voltage exceeds or falls below preset limits.

High system voltage—excessive charging rate—can damage batteries and other electrical system components. Low voltage can contribute to the gradual loss of battery charge, even if it is not sufficiently low to actuate the conventional NO CHARGE light. Voltron guards against both conditions.

The Voltron module is designed for instrument panel mounting. This compact unit is supplied with a two-wire mating harness, one wire of which is connected to the solenoid terminal of the starting switch and the other to ground. High and low voltage limits are preset to your specifications. The standard Voltron model 1700-1 is preset to high and low voltage limits of 15.5 and 12.0. Other models are available with other voltage limits.

Voltron model 1700-10 incorporates a delay circuit which keeps the VOLTS warning light on for eight seconds in the event of an instantaneous voltage fluctuation. This insures the operator's attention and provides early warning of a problem condition.

Patents are pending on Nartron's new Voltron voltage sensor.



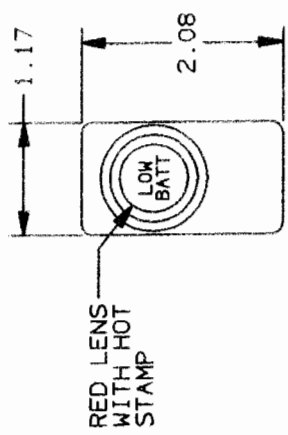
"...we turn things on..."

NARTRON®
CORPORATION

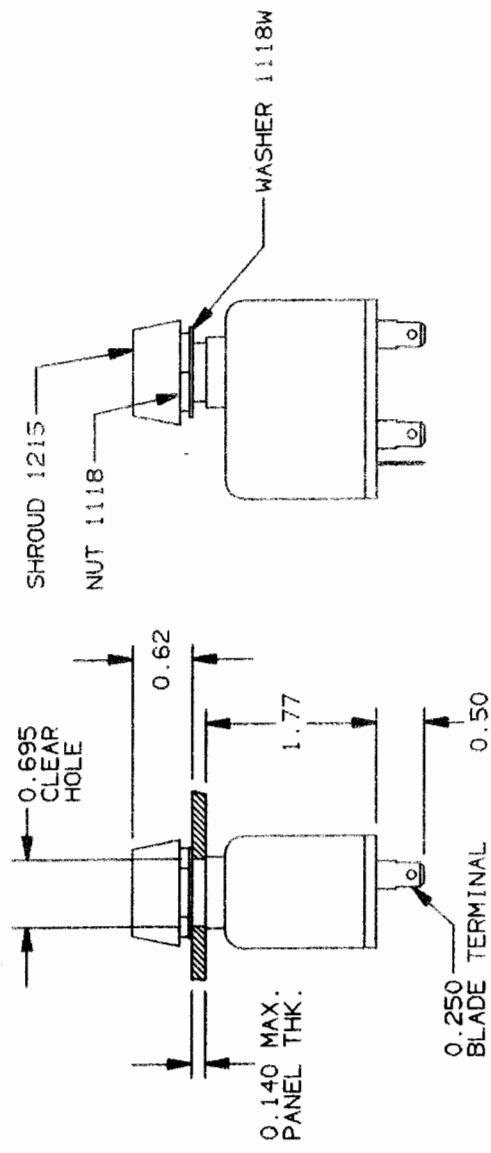
Reed City, Mich. 49677

Q31)832-5525

REV	DATE	BY	DESCRIPTION
A			RELEASED



VOLTRON MODULES	LOW LIMIT	HIGH LIMIT	DELAYED TURN OFF	LENS	LAMP CHECK
1700-1	12.0-12.5	16.0-16.5	NONE	VOLTS	YES
1700-1D	12.0-12.5	16.0-16.5	10-20 SEC.	VOLTS	YES
1700-3D	8.3-8.8	20V MIN.	10-20 SEC.	LOW VOLTS	YES
1700-24D	16.8-17.6	30.0-31.0	10-20 SEC.	VOLTS	YES
1700-7D	10.5-11.0	16.0-16.5	10-20 SEC.	LOW BATT	YES



HARNESS	DESCRIPTION
1700-10MH	114 INCH RED 1/20 GA. FUSELINK & 12 INCH BLACK
1700-11MH	24 INCH EA. - 1 BLACK & 1 WHITE

KITS	DESCRIPTION
1700-11D	1700-1D AND 1700-11MH HARNESS
1700-12D	1700-3D AND 1700-10MH HARNESS
1700-13D	1700-1D AND 1700-10MH HARNESS
1700-14D	1700-7D AND 1700-10MH HARNESS

1700-6D Replaced by 1700-7D
1700-10D Replaced by 1700-14D

DRAWN	DATE	REQ'D	ITEM	PART NO.	DESCRIPTION
CHECKED	DATE	DO NOT SCALE			LIST OF MATERIALS
APPROVED	DATE	DIMENSIONS ARE IN INCHES			
MATERIAL	DATE	TOLERANCE UNLESS OTHERWISE SPECIFIED			
		2 PLACE DECIMALS ± 0.02			
		3 PLACE DECIMALS ± 0.005			
		ANGLES $\pm 1/2^\circ$			
		THDS. INT 2B EXT 2A			
		SCALE NTS			
		SHEET 1			
		OF 1			
		NO			
					1700

NARTIRON CORPORATION
NARTIRON CORPORATION
REED CITY, MI 49677
DIVISION

VOLTRON