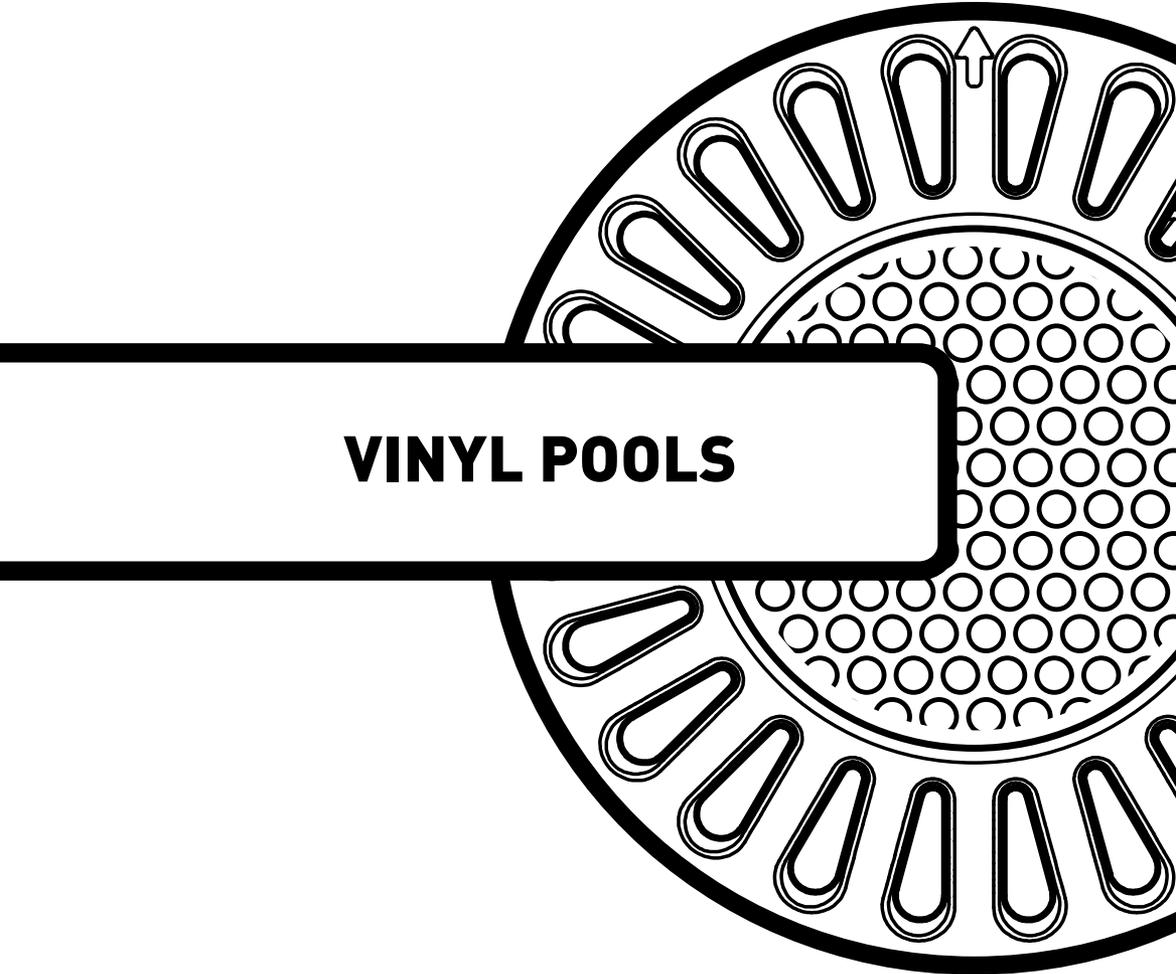




atom



VINYL POOLS

ULTRA COMPACT NICHE LIGHT

**INSTALLATION &
OWNER'S MANUAL**

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NOTICE

FRESH WATER USE ONLY
HORIZONTAL MOUNT ONLY
NOT INTENDED FOR OPERATION OUT OF WATER

READ THIS FIRST

Congratulations on your purchase of the **ATOM** underwater lighting system. All **ATOM** lights are manufactured by Spa Electrics in Australia from only the highest quality materials. For more information about Spa Electrics & our products, please visit www.spaelectrics.com.au

BEFORE YOU START:

- **ATOM** cables can be shortened to suit individual installation requirements. Spa Electrics recommends all cabling is protected by conduit and that a junction box (or similar) is incorporated into pool cabling design to avoid siphoning.
- Ensure that the lighting system is installed by a qualified person (e.g. registered pool builder and/or licensed electrician), in accordance with the most current edition and/or amendment of current AS/NZS 3000 Wiring Rules.
- For safe and proper installation, ensure that only those parts supplied with the system are used.
- Maximum installation depth for the **ATOM** light is 400mm (16") below water line (to top of light).
- All lights should be mounted in a location that is easily accessible without the need for entering or lowering the pool water.
- 700mm (28") cable has been supplied pre-assembled within niche assembly, and must remain stored within the Niche to ensure the light can be accessed above the waterline. [Maximum cable within niche = 1000mm (40") (up to 1.0mm²). See Page 16 for more information].

CLEANING

- Only use warm water and a soft brush or cloth to clean **ATOM** lights. **DO NOT** use detergents or spirits as this can damage the light and void your warranty.

USE

- **DO NOT** operate light unless completely submerged in water.
- Operating the light for at least 15 minutes every week is advised (all year round).
- **ATOM** lights are suited for both domestic and commercial installations and can be operated continuously (24/7) if required.
- Temperature range for installation, operation and servicing: +5°C ~ +40°C (+41°F ~ +104°F)



IMPORTANT NOTE

It is recommended that the **ATOM** lighting range is operated using a Spa Electrics LV25-12 or LV50-12 transformer.

- DO NOT use electronic or switch-mode power supplies with **ATOM** lights. These power supplies will damage the light and void your product warranty.
- Pool chemicals & PH levels: Due to the corrosive nature of unbalanced pool chemicals, Spa Electrics strongly recommend that your pool water is balanced prior to installing your pool lights or any plastic or stainless steel components, and tested weekly to maintain these levels. pH levels should be maintained between 7.2 – 7.6 at all times to ensure the longevity of these components.
 - > Failure to do so can result in chemical damage to the light housing and pool fittings, including stainless steel components.
 - > Please note: Lights or components found to have excessive chemical damage will not be covered under our manufacturer's warranty policy.
- This light contains no user-serviceable parts; opening the light will void the product warranty.

TOOLS REQUIRED

- Hole Saw - Ø65mm ~ Ø70mm (2 5/8" ~ 2 3/4" saw)
- Box cutter / knife
- No. 2 Phillips screwdriver
- Flat-blade screw driver (for light-head removal)



IMPORTANT NOTES

- The use of power tools for product assembly is **NOT** recommended as these devices can cause faults and damage to light components.
- The enclosed images are for illustrative purposes only. Appearances of parts and assemblies may vary from the enclosed illustrations.
- Please contact your reseller if you have any questions regarding the correct installation of this product.

PRODUCT SUPPORT & INFORMATION

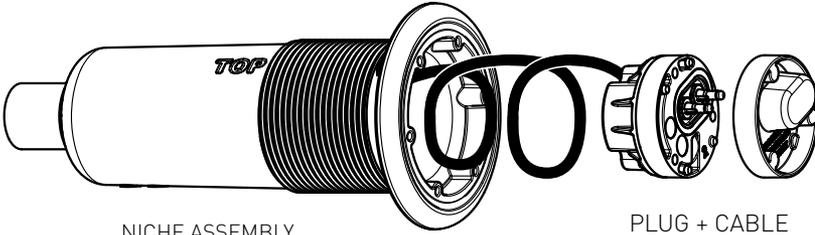
Phone: **+61 (0)3 9793 2299** (business hours)

Email: info@spaelectrics.com.au (SALES enquiries)

Email: tech@spaelectrics.com.au (TECHNICAL support enquiries)

Web: www.spaelectrics.com.au

INCLUDED PARTS

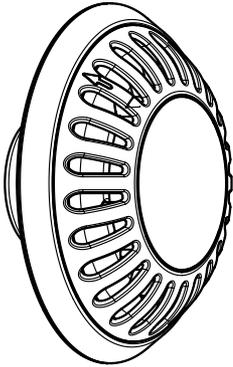


NICHE ASSEMBLY

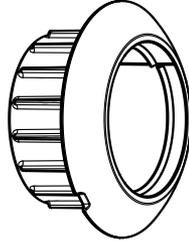
PLUG + CABLE



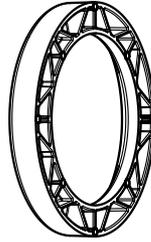
NICHE CAP



LIGHT



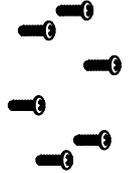
CONICAL NUT



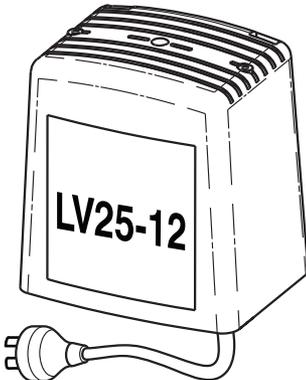
CONICAL WASHER



CLAMP RING



6x SCREWS



1x LV25-12 TRANSFORMER
(FOR SINGLE-LIGHT KITS)



1x WARRANTY CARD



1x INSTALLATION MANUAL

INSTALLATION PROCEDURE

1

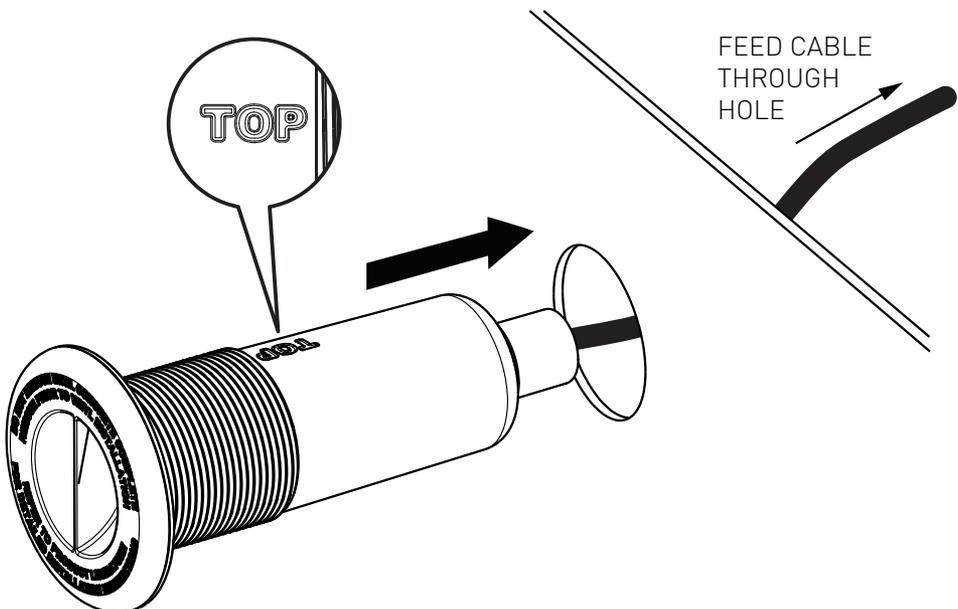
MOUNTING HOLE PREPARATION *

Hole is already drilled and prepared in the side of the OUTBACK pool shell.

Simply remove the fitting or plug and move on to STEP 2.

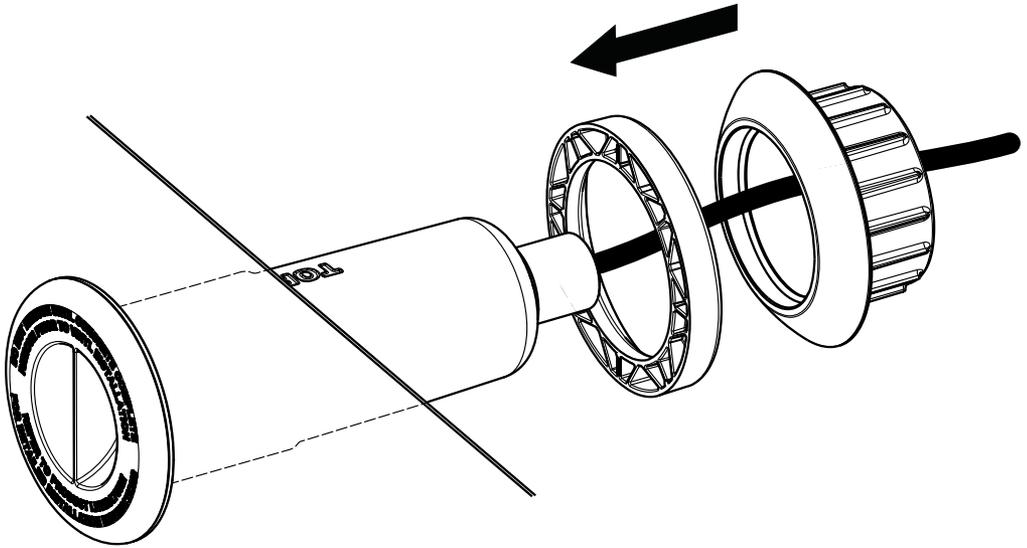
2

ORIENTATION OF NICHE "TOP"



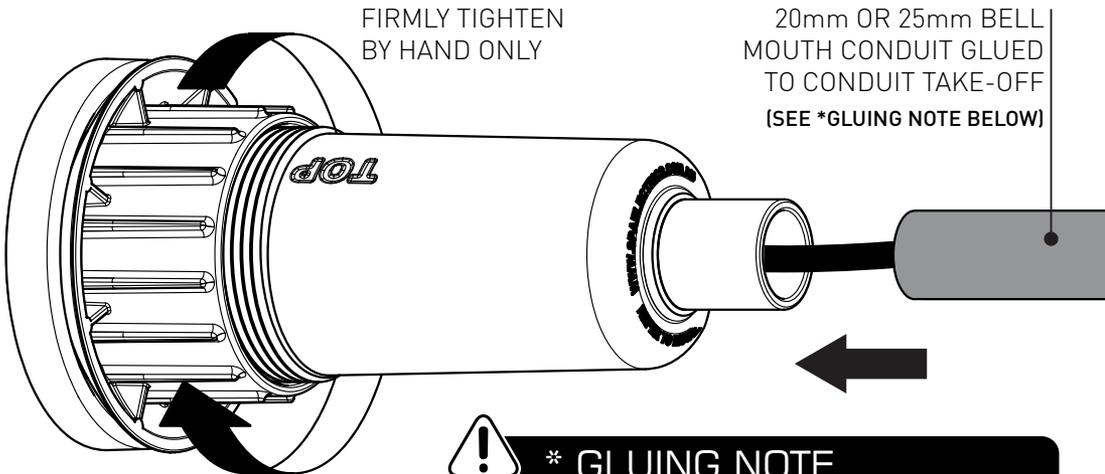
3

ASSEMBLE WASHER AND NUT



4

TIGHTEN NUT

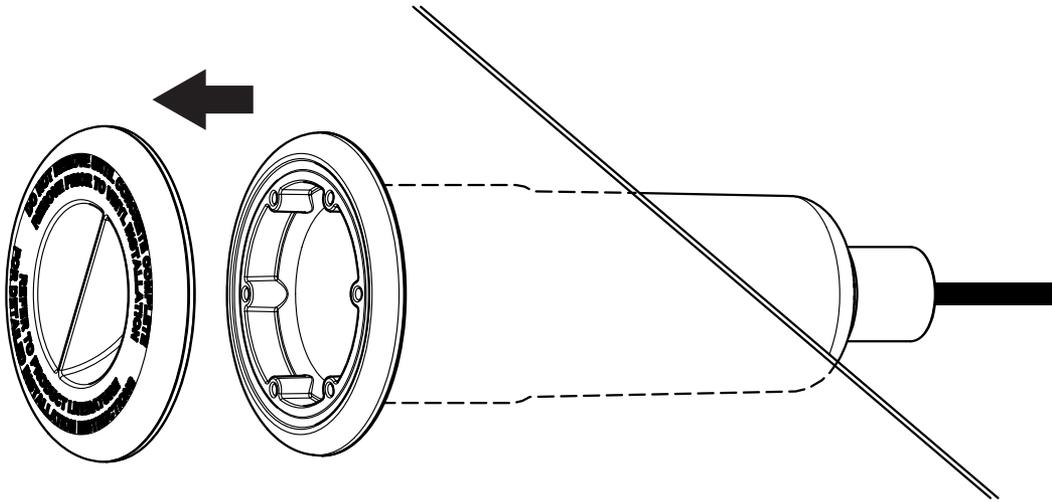


* GLUING NOTE

ENSURE P.V.C. SOLVENT CEMENT IS SUITABLE FOR NON-PRESSURE APPLICATIONS AND USE WITH A.B.S. PLASTIC

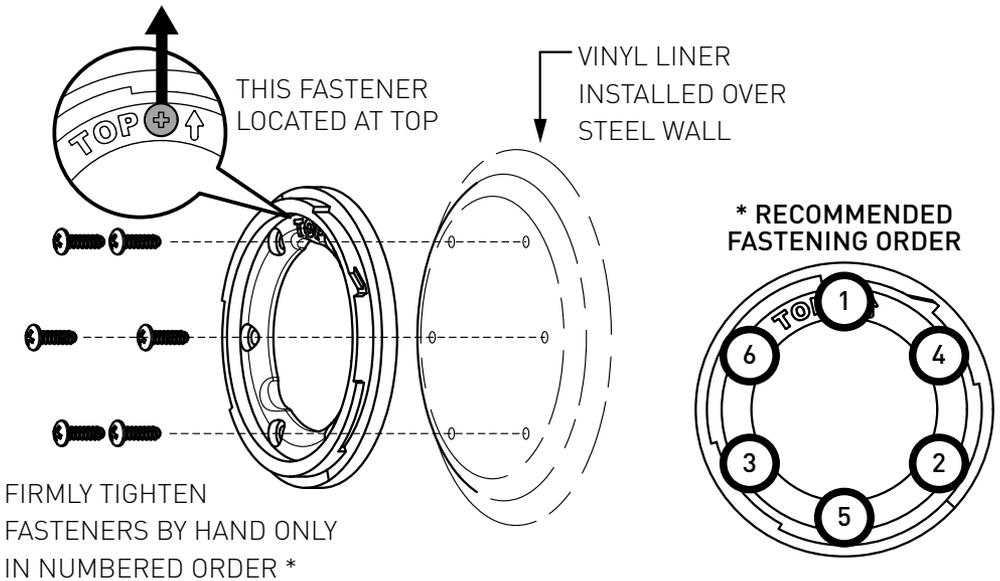
5

REMOVE NICHE CAP



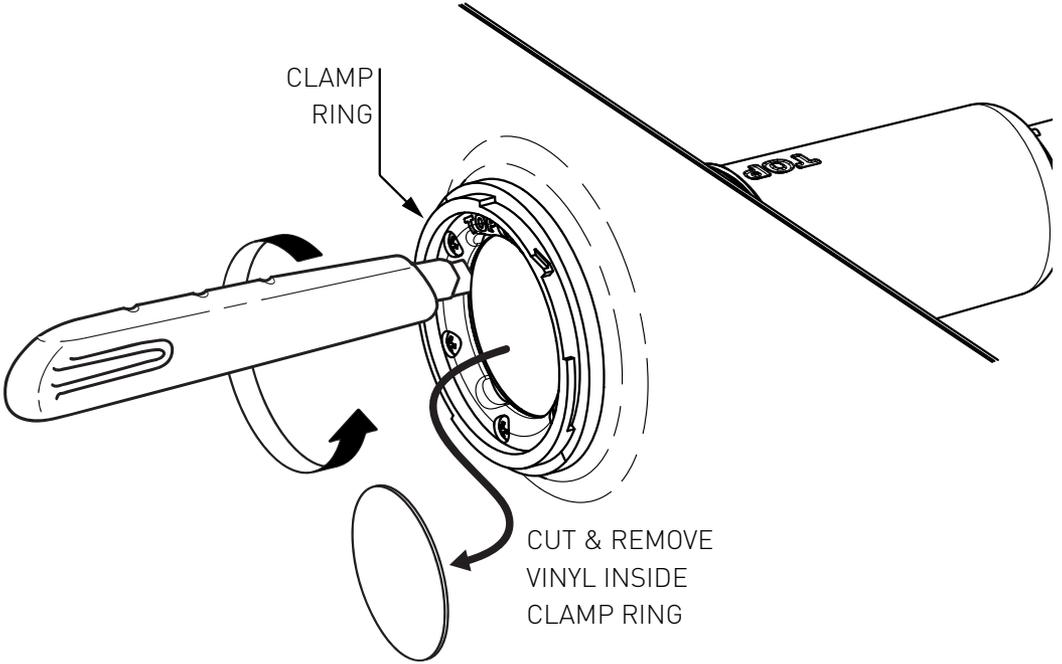
6

ASSEMBLE VINYL CLAMP RING



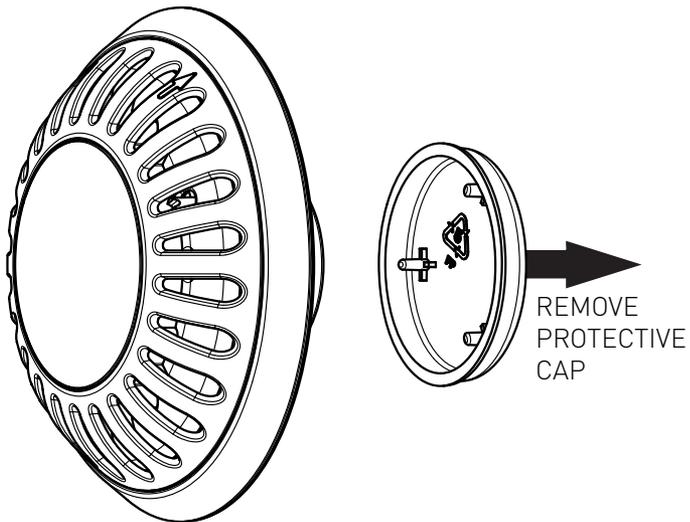
7

TRIM VINYL



8

REMOVE PROTECTIVE CAP



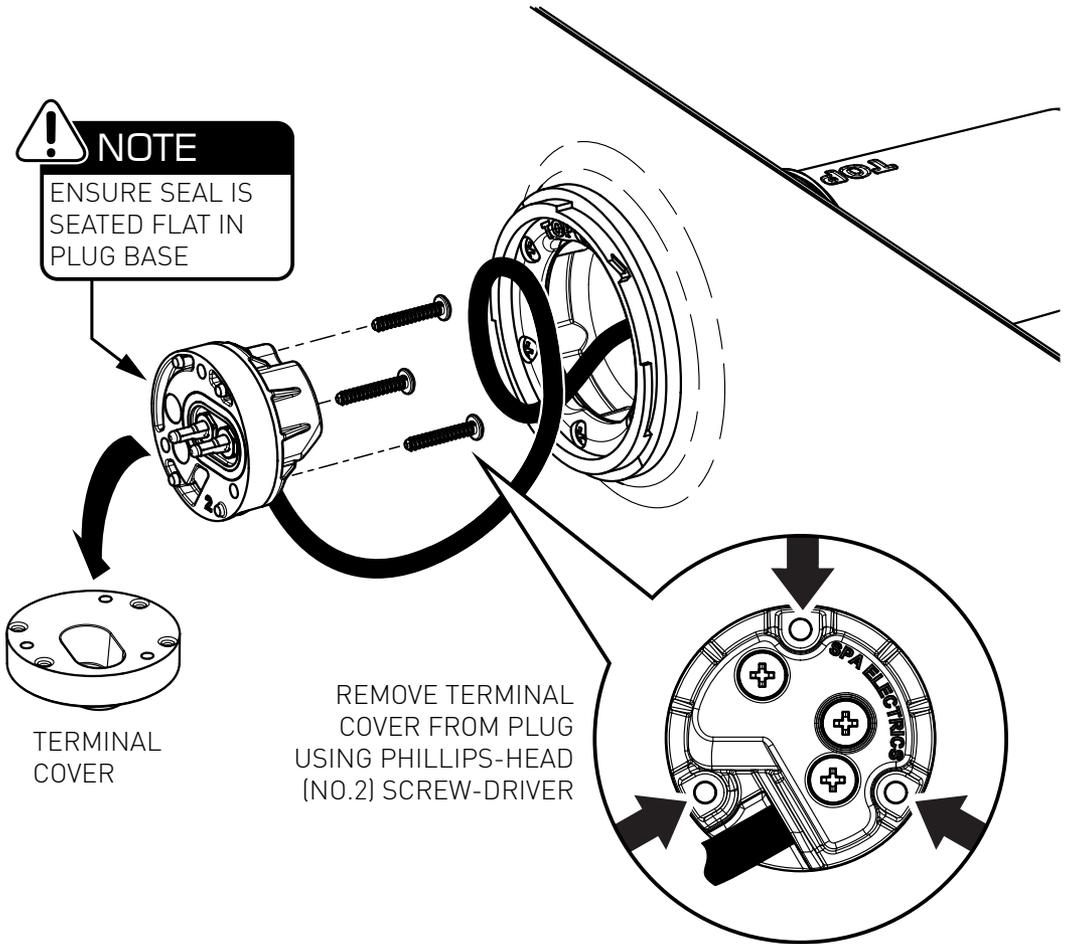
9

REMOVE TERMINAL COVER



NOTE

ENSURE SEAL IS SEATED FLAT IN PLUG BASE



TERMINAL COVER

REMOVE TERMINAL COVER FROM PLUG USING PHILLIPS-HEAD (NO.2) SCREW-DRIVER



NOTE

DO NOT REMOVE TERMINAL COVER UNDERWATER

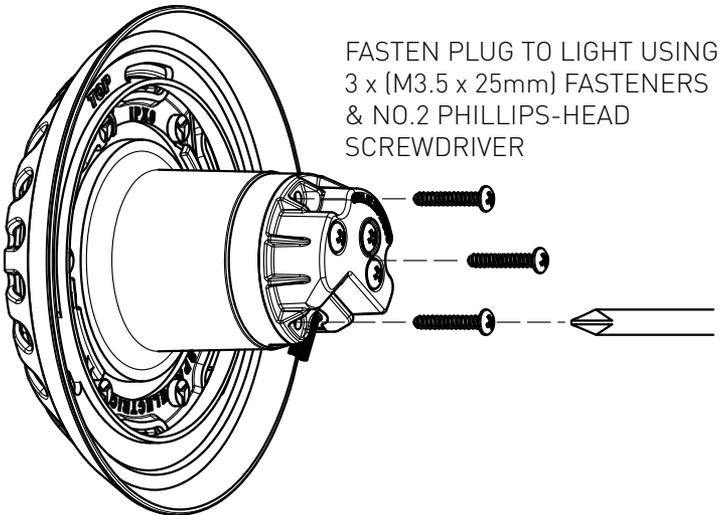
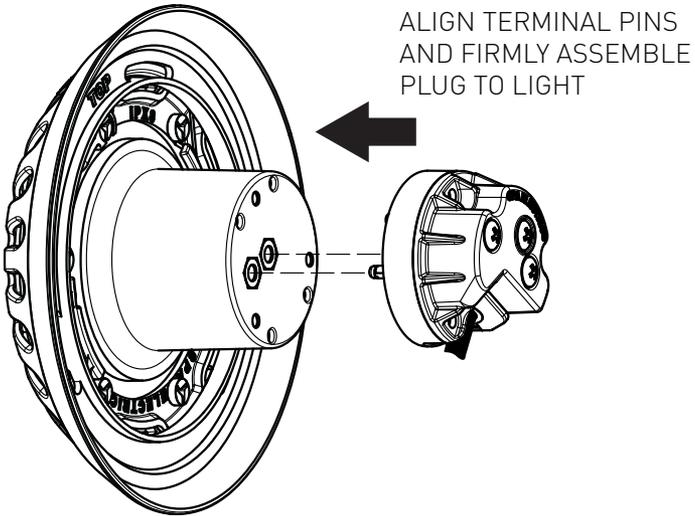


SERVICING

RETAIN TERMINAL COVER IN CASE LIGHT NEEDS REMOVAL. SEE **PAGE 15** FOR MORE INFO

10

FASTEN PLUG TO LIGHT



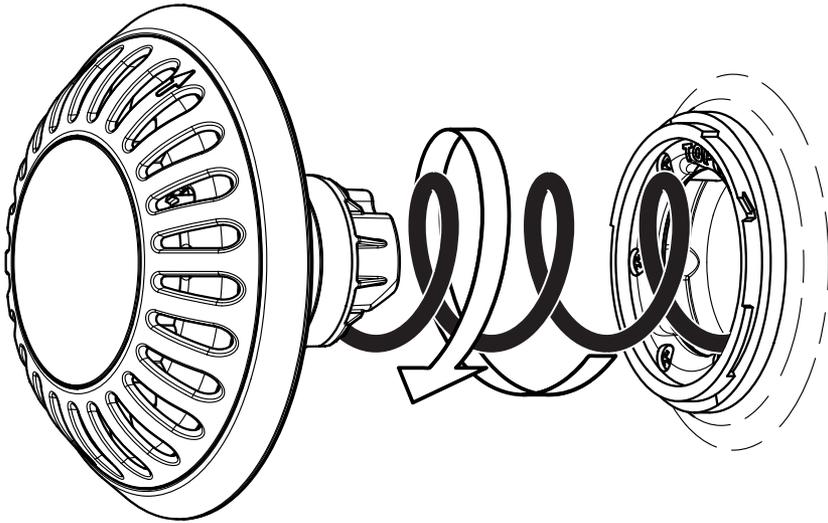
IMPORTANT NOTES

- DO NOT OVERTIGHTEN SCREWS
- DO NOT USE POWER-TOOLS
- DO NOT ADD SEALANTS, GREASES OR ADHESIVES
- ENSURE ALL SURFACES ARE CLEAN AND DRY
- **DO NOT ASSEMBLE UNDERWATER**

LIGHT ASSEMBLY

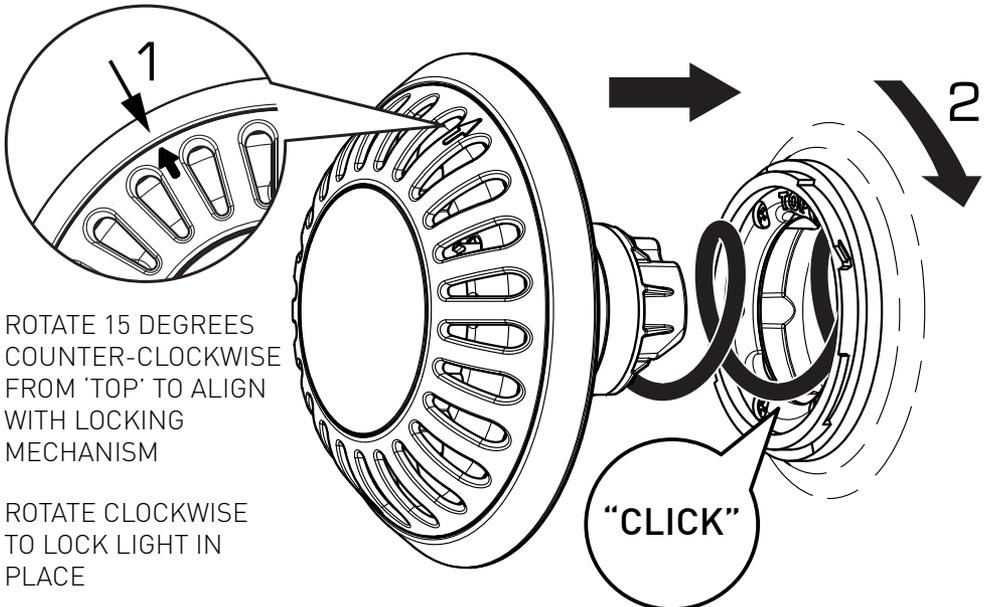
1

COIL CABLE INSIDE NICHE



2

INSERT LIGHT INTO CLAMP RING



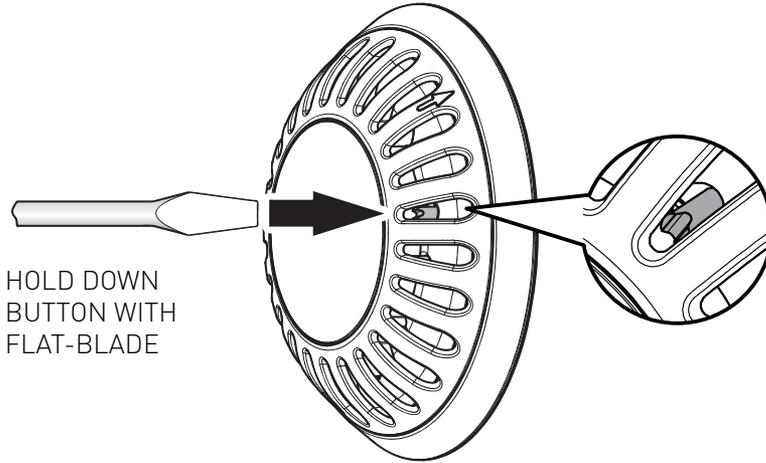
1 ROTATE 15 DEGREES
COUNTER-CLOCKWISE
FROM 'TOP' TO ALIGN
WITH LOCKING
MECHANISM

2 ROTATE CLOCKWISE
TO LOCK LIGHT IN
PLACE

LIGHT REMOVAL

1

PUSH & HOLD BUTTON WITH FLAT BLADE



2

ROTATE COUNTER-CLOCKWISE & REMOVE FROM LOCKING RING

