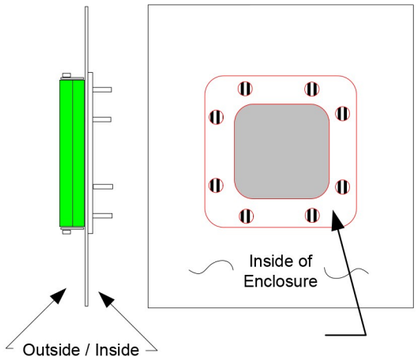
CAUTION: Before installing the IR Window, DE-ENERGIZE ALL PANELS AND SWITCHGEAR OR SERIOUS INJURY MAY OCCUR!

Cover all electrical components before cutting enclosure.

STEP 5 - Install Reinforcement Plate



A) Install the Reinforcement Plate over the Studs, on the Inside of the Enclosure.

CAUTION: Take care not to damage the threads on the Studs.

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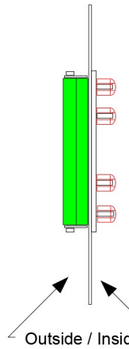
STEP 6 - Install Locking Nuts on Studs



Install (8) Locking Nuts onto the Studs inside of the Enclosure. Torque to _15_ IN LBS
DO NOT OVER TIGHTEN

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Step 7 - Opening & Closing Window

A) To open the Window select the appropriate sized drive tool that fits the screw slots properly. Note: Special tools may be required.

B) Loosen each screw until they spring loosely in each hole. The screws are spring loaded and captivated.

C) Open the Window with your hand taking care not to damage the internal Optic or the Cover Gasket. Never use a tool near the Optic or Cover Gasket.

D) Close the Window with your hand. Tighten the (4) Cover Screws using the appropriate tool and torque until tight. NOTE: DO NOT OVER TIGHTEN

NOTE: This device is incomplete unless the Cover is Closed and Secured, when not in use.

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CLEANING AND CARE

CLEANING	Use Rubbing Alcohol to clean optic and window frame during periodic equipment PM's.
CARE	Inspect Optic before and after use.
CAUTION	Never use sharp objects near optic. If Optic is punctured, the IR Window is unsafe to use. Please contact the manufacturer.

Caution: Always wear proper Personal Protective Equipment including eye and face protection!

Unconditional Lifetime Guarantee

Turtle Tough offers its customers an Unconditional Lifetime Warranty on its TT series of Infrared Windows. If the window, or any of its components, fails to exceed the customer's expectations, for any reason, we will repair or replace it at no charge. To exercise the warranty, the customer must contact Turtle Toughfor an RMA Number, which will be promptly e-mailed (with tracking documentation) to the customer. The customer is then responsible for shipping the window and documentation to Turtle Tough: RMA Number must be clearly printed on the outside of the shipping box. Repaired or replacement windows will be returned within two weeks. If an interim cover is needed, one can be provided upon request.

Note: Only exclusion to this warranty is the finish

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Rev. 3.10.11

Installation and Product Care Manual

TT-IR4 and TT-IR3

Read this manual before attempting to install the Turtle Tough IR Window.

\Always wear the proper Personal Protective Equipment.

PROUDLY MADE IN THE U.S.A.

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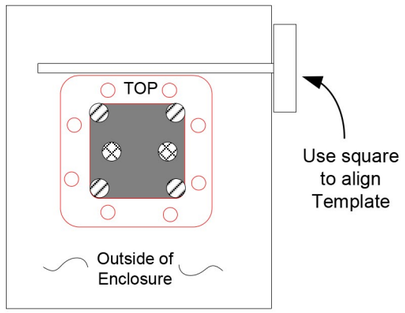
STEP 1 - Layout IR Window on Enclosure



A) Fasten Template provided, to enclosure in desired location.

B) Take care to insure the Template is square before punching or cutting View Port.

NOTE: Make sure you are using the correct size Template for the window you are installing.

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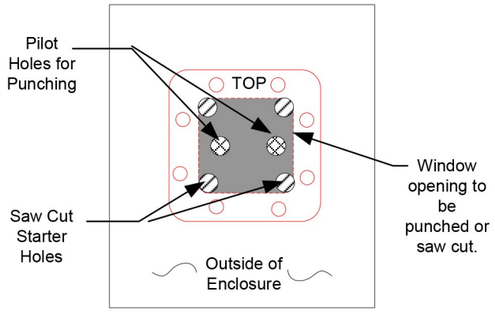
STEP 2 – Punch / Cut Out Opening on Enclosure Face



Punching — A) Drill Pilot Holes indicated on Template and refer to instructions provided with Punch Tooling provided.

Saw Cutting — B) For Saw Cutting, first drill the (4) corner holes, then saw cut Center View Port on Dotted Line

NOTE: Make sure you are using the correct size Template for the window you are installing.

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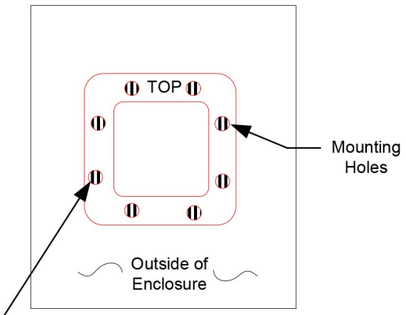
STEP 3 - Drill Mounting Holes on Enclosure Face



A) Drill (8) ¼" (.250") Dia. / 6.5mm Mounting Holes using the Template provided.

B) Remove Burs from inside and outside of Enclosure.

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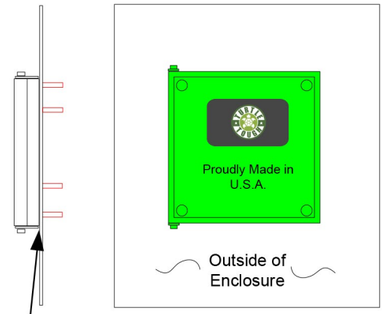
STEP 4 - Surface Preparation & Installation



A) Clean surfaces inside and outside the enclosure to insure there are no burs or foreign material on mounting surfaces.

B) Apply Rust Inhibitor to any bare metal surface to prevent oxidation.

C) Making sure the Gasket is placed between the Window Base and the Enclosure, carefully insert the (8) studs which are attached to the Window, into the drilled holes in the Enclosure and push the Window Assembly flush to the Enclosure.