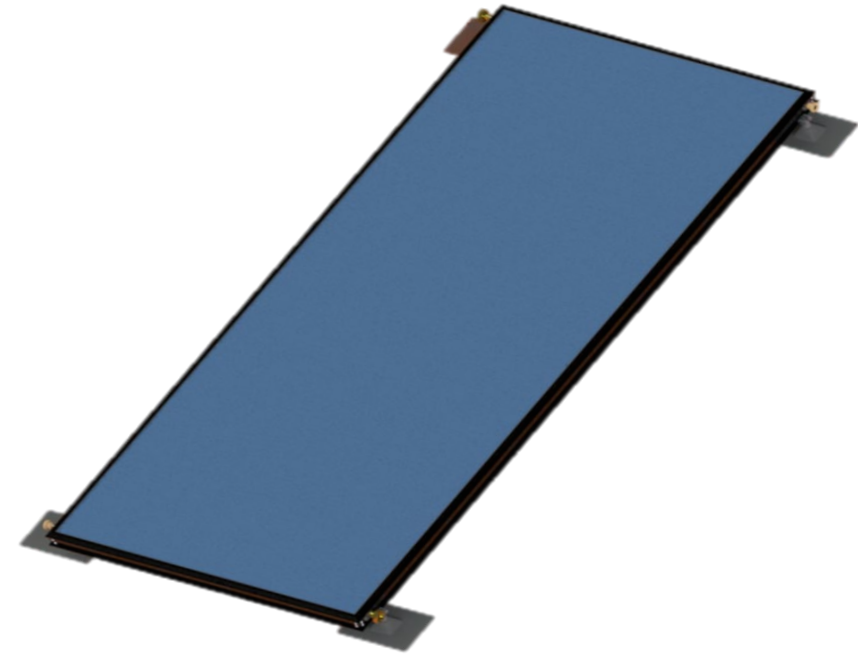


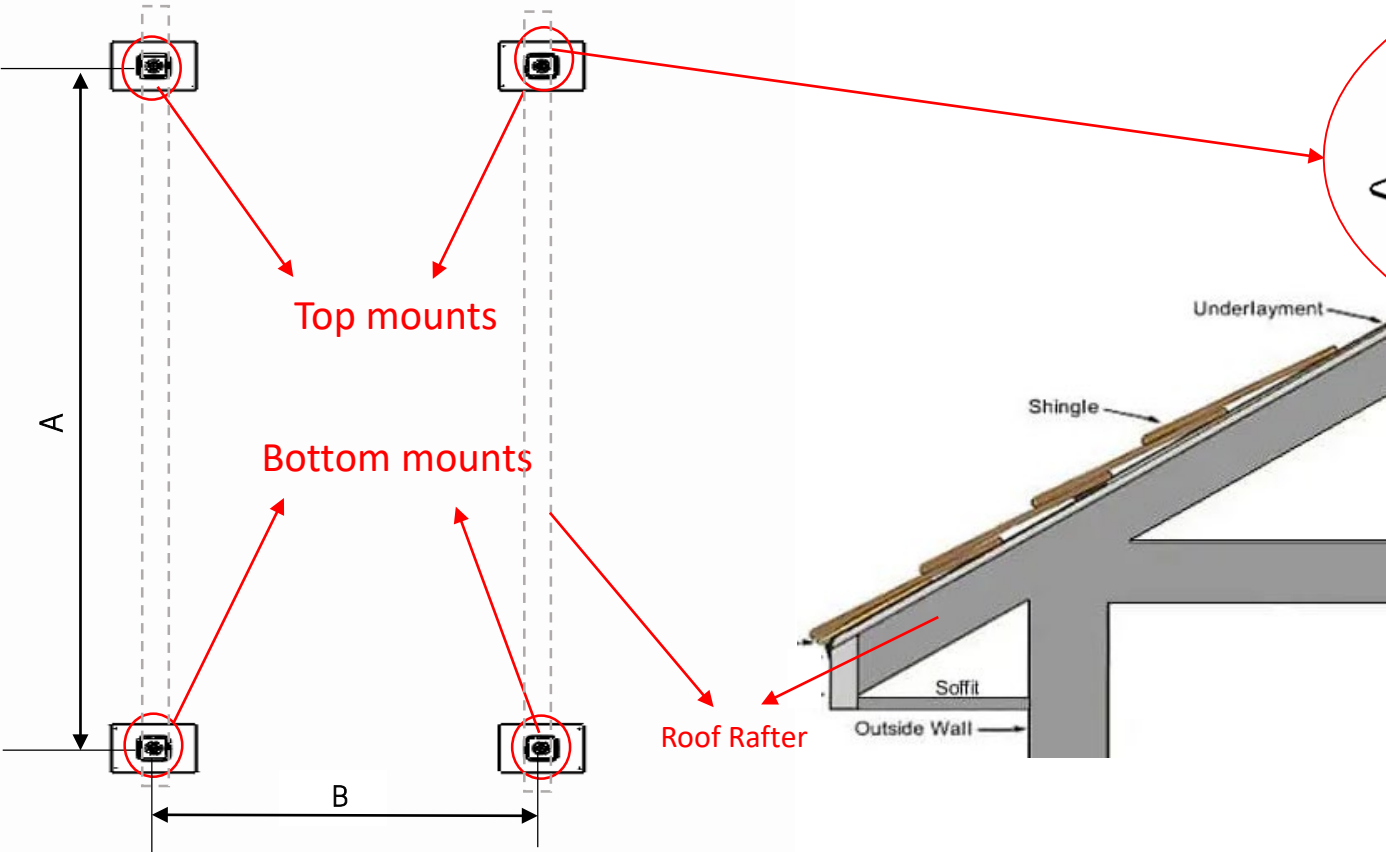
INSTALLATION GUIDE

Flush mount for Shingle Roof
-Single Collector

FLSH 001 009



Step 1 -Locate a rafter and mark the point where the fast jack will be mounted on the roof *

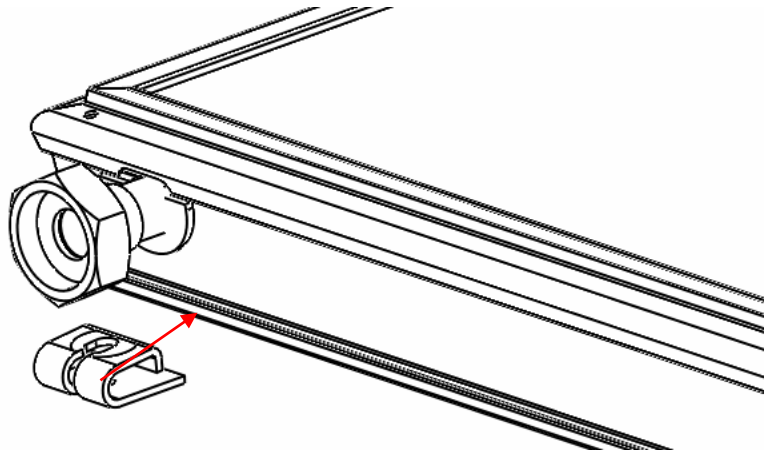


Install the fast jack on the roof, refer to the fast jack installation in Appendix A

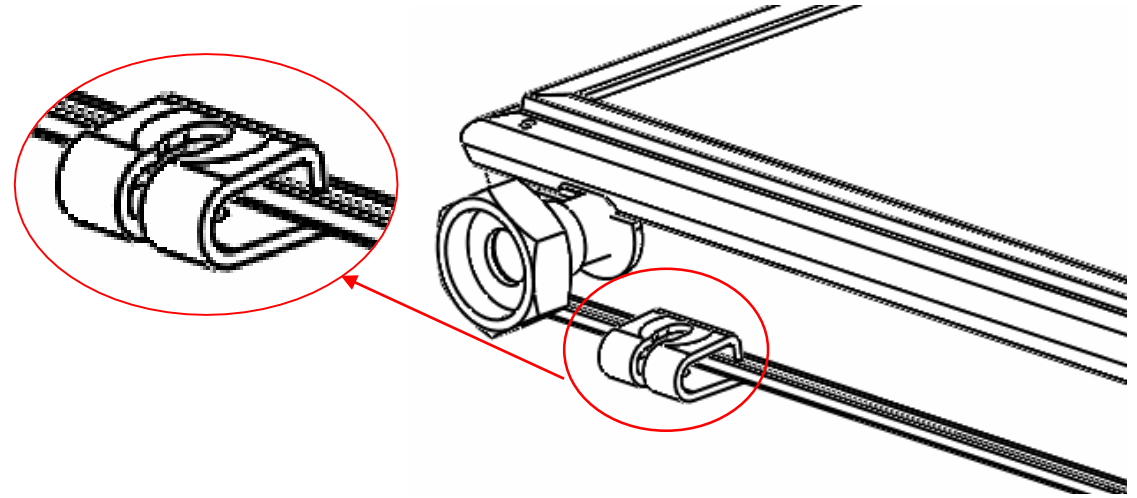
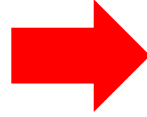
Collector Model	A	B
GOBI 410	110"- 91"	36"-45" Max
GOBI 408	87"- 73"	36"-45" Max
GOBI 406	73"- 61"	36"-45" Max

*Ensure the placement of the Fast jack on the roof secures them to the roof rafters or structure to maintain structural integrity.

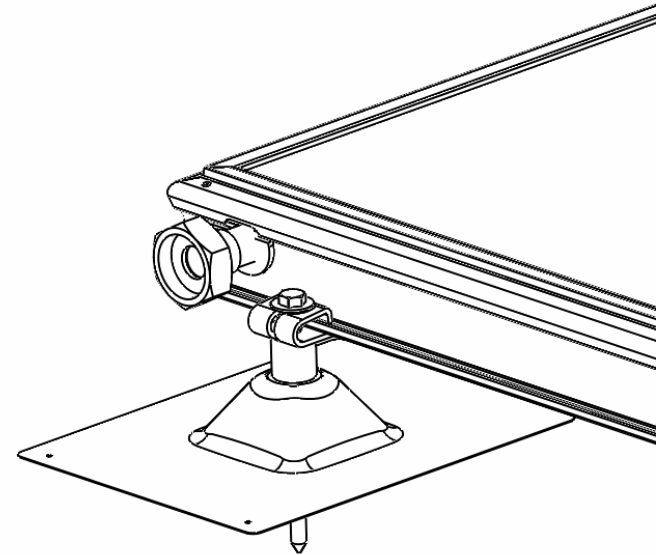
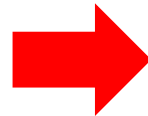
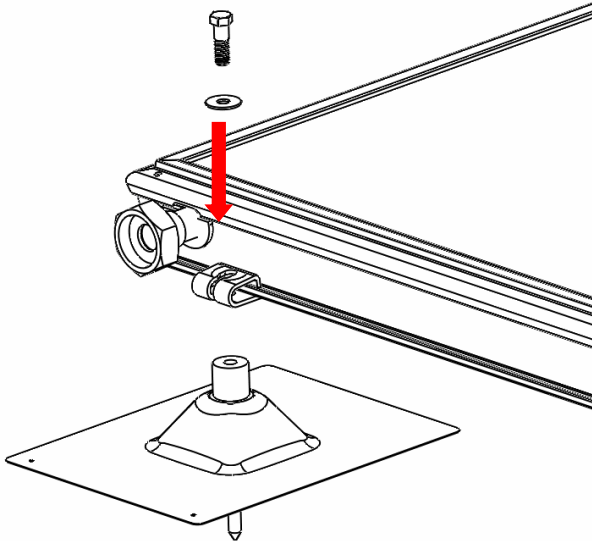
Step 2 – To secure the collector to the fast jack, use the Helio U clips



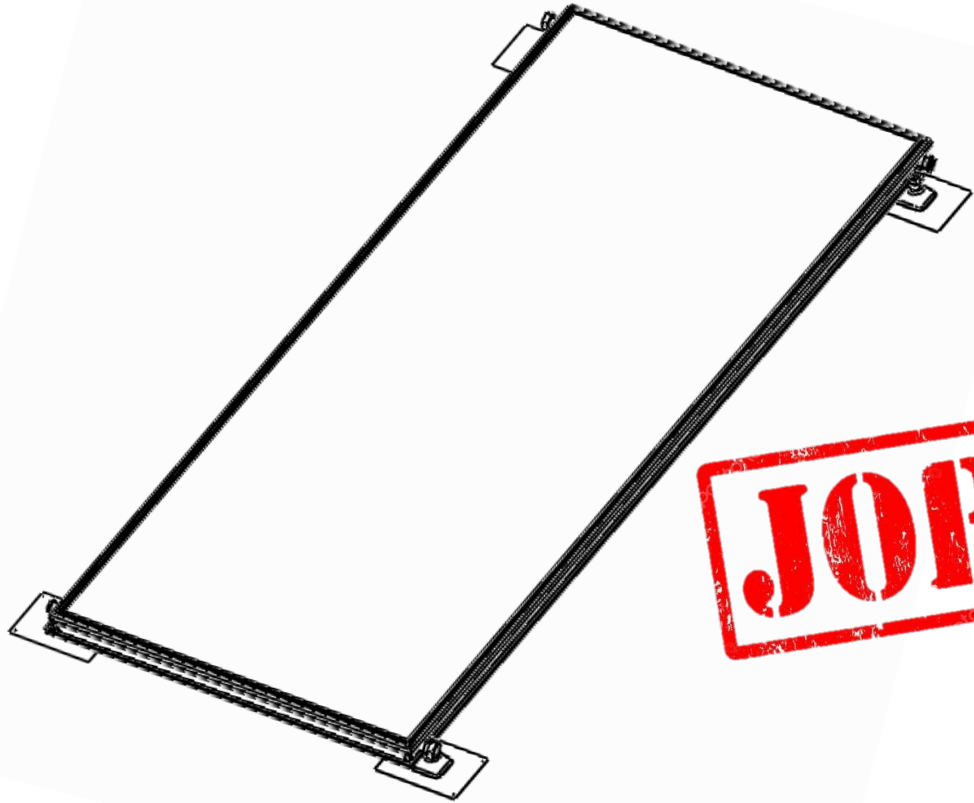
Clip the Helio U Clip to the lip of the collector



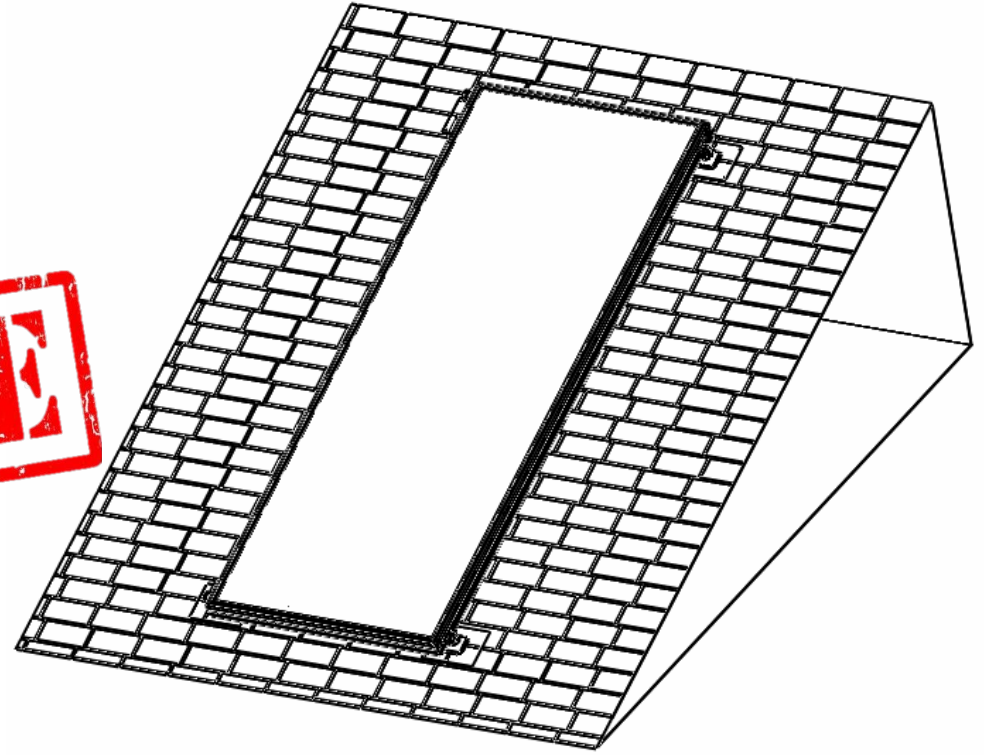
Step 3 – Secure the collector to the fast jack using the bolt



Secure the collector to fast jack using the bolt

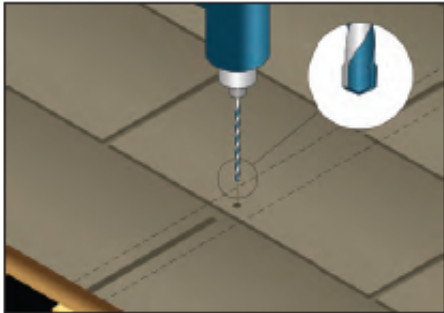


JOB DONE

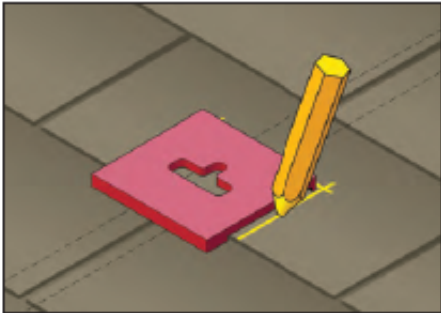


*Installation steps for FastJack®
and FastJack® Flashing*

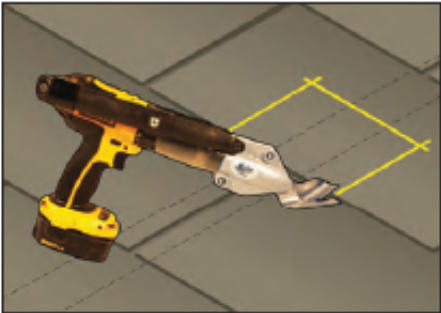
per UL2703 reference installation



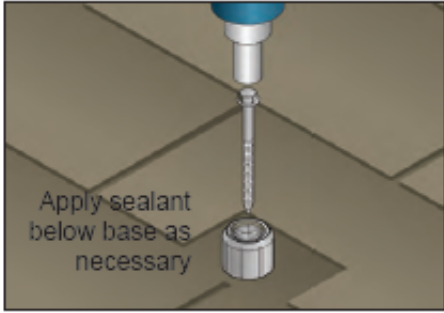
Step 1: Drill rafter pilot hole with 3/16" carbide bit



Step 2: Mark trim lines using template and lumber crayon



Step 3: Trim and remove shingle.
For high volume use Malco TurboShear Asphalt shingle cutter



Step 4: Drive lag screw through Fast-Jack® base with cordless impact gun until seated.



Step 5: Slide FastJack® flashing under shingle



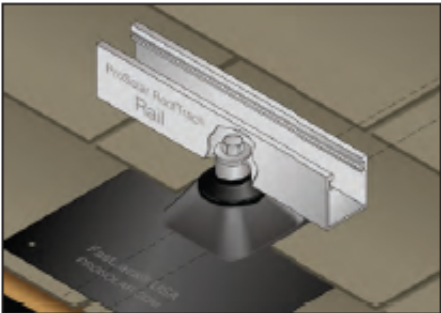
Step 6: Tighten FastJack® post into base



Step 7: Apply 1/4" bead of sealant (Geocel 4500) and compress with Aluminum collar.



Step 8: Done



Step 9: Attach ProSolar RoofTrac® rail and clamps



Shingle cutting template.
Part #TEMP-FJE



Malco TurboShear drill accessory.
Part #A-Malco drill shown

For use with 1 inch post diameter ProSolar FastJack® E-Series

FastJack® E-Series and parts packaged separately

See online installation guide for further details

FastJack® patent #6,360,491

www.prosolar.com