

SOLAR PANEL TILTABLE MOUNTING FRAME – GAS STRUT ASSISTED FITTING INSTRUCTIONS



TLRSPTF-GS DIMENSIONS:

BASE FRAME: 1100mm x 300mm.

TOP TILTING FRAME: 1055mm x 550mm

TRACKLANDER SOLAR PANEL TILTABLE MOUNTING FRAME, FITTED TO TRACKLANDER FLAT TOP ROOF RACK.

The TRACKLANDER SOLAR PANEL TILTING FRAME (TLR SPTF-GS) is designed to make it easy and safe to carry a Solar Panel on the Mesh Base of any Tracklander Roof Rack.

The TLR SPTF-GS will also fit across the Top Rail of the Enclosed Top Tracklander Roof Rack with an optional Extra Mounting Clamp Kit.

The TLR SPTF-GS Tiltable Top Frame is Gas Strut assisted. This function is to allow the Solar Panel to be raised up to allow maximum exposure to the daylight, as the sun rises and sets.

The 2 x Inner Vertical Channel Members in the Top Frame are adjustable in width to accommodate the many Brands and sizes of Solar Panels. With larger Solar Panels (more than 1060mm wide), there is an Oversize Adaptor Kit available.

The TLR SPTF-GS will carry a Solar Panel with maximum Weight of 15Kg.

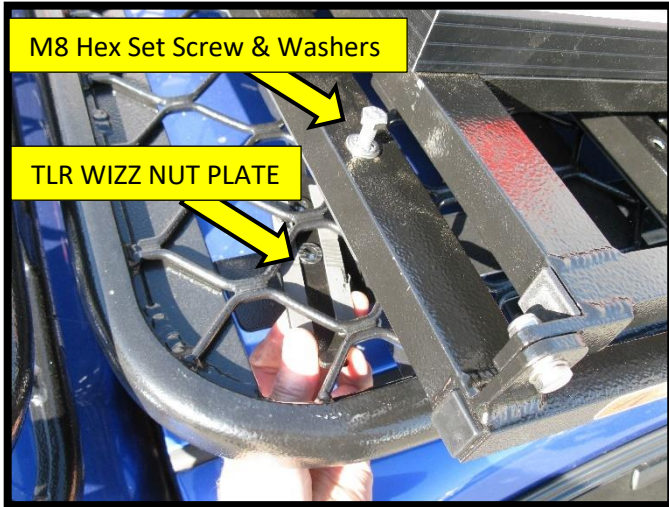


TLR WIZZ NUT – MESH BASE FIT KIT

- Position TLR SPTF-GS on to Roof Rack Mesh Base.
- Check location and secure TLR SPTF-GS with Solar Panel to Mesh Base with TLR Wizz Nut Kit.

- Position Solar Panel on TLR SPTF Top Tilting Frame and move the Adjustable Channel Struts to suit the width of Solar Panel Frame and tighten firmly.
 - NOTE:** Check clearances. Bottom edge of Solar Panel must clear Mesh Base, when in tilt-up position.
 - NOTE:** Check location of Wiring - which side of vehicle the wiring must connect to.
- Mark fitting position of Solar Panel to Top Frame.
- Fasten Solar Panel to the TLR SPTF Top Tilting Frame by drilling the required holes through bottom lip of Solar Panel Frame and through the Tilting Frame Channels.
 - NOTE:** Recommend minimum of 6 - M6 x 20 Hex Set Screws, Flat Washers and Nyloc Nuts to secure Solar Panel to Tilting Frame.
- Tighten Fasteners securing Solar Panel to Frame, firmly.
- **NOTE:** Make sure Bar Rubber is fitted to underside of Base Frame Channels to prevent chafing on mesh.

SOLAR PANEL TILTABLE MOUNTING FRAME – GAS STRUT ASSISTED FITTING INSTRUCTIONS



- Slide Wizz Nut Plates under the Mesh Base and align with M8 x 60 Hex Set Screw.
- Rotate Wizz Nut until Tabs lock into Mesh Rods.
- Tighten all (4) Wizz Nut Plates firmly to the underside of Mesh Base.

SOLAR PANEL TILTING FRAME OPERATION



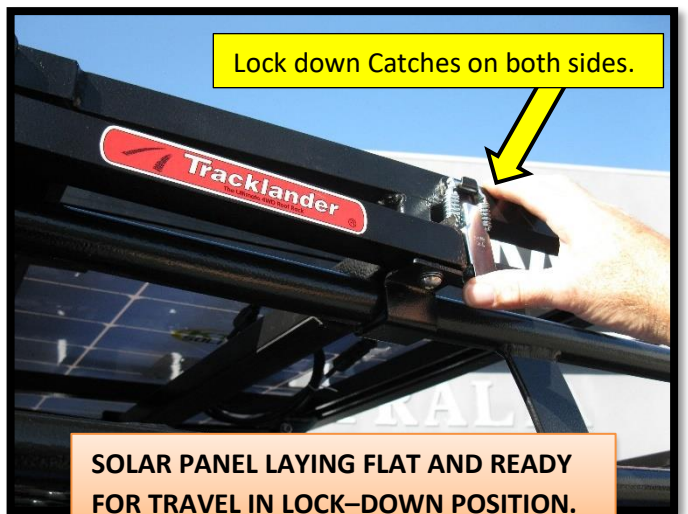
PULL CATCH TAB OUTWARDS, BOTH SIDES TO RELEASE.



PUSH UP TO ACTIVATE GAS STRUT



SOLAR PANEL WILL TILT UP TO SET POSITION



Lock down Catches on both sides.

SOLAR PANEL LAYING FLAT AND READY FOR TRAVEL IN LOCK-DOWN POSITION.

- It is recommended to travel with the Solar Panel Top Frame in **Lock-Down Position**. It is the safest way to travel on the open road, to prevent sudden gusts of wind damaging the Solar Panels and Frame.

GUTTER MOUNT, RAIL MOUNT AND TRACK MOUNT BRACKETS ARE ALSO AVAILABLE FOR DIFFERENT APPLICATIONS.