



Quick Sheet for: Installing Dotworkz KT-SUN-ST Sun Shield Kit for S-Type Housing Series

Sun Shield Kit Installation into Base Model S-Type Housing (S-Type Housing Sold Separately)



- 1) Remove existing hinge by opening enclosure and using an awl or small phillips head screw driver and hammer remove, then pull out with pliers.
- 2) Re-Install new longer 19.5" Hinge Rod as shown, while leaving hinge extending out 1.5" or so on one side; to Install first side of two Sun Shield hinge tabs. Leaving out on one side enables you to align far side hinge tab.
- 3) Align and installing second / far side hinge tab onto hinge rod, while tapping in hinge deeper & gently.



- 4) Finished condition should have hinge sticking out evenly on both ends of hinge.
- 5) Close housing lid and screw down each ends lid screws to prepare for proper alignment of drilling for sun shield lid anchors, then close Sunshield lid fully over housing.
- 6) Push front of sun shield back, to a position that is rear most till it hits hinge-stops over housing to provide proper hole location, while gently compressing Sun shield lid foam pads in a fully down position to align for drilling.
- 7) Using existing holes on each end of top of sun shield as a template, Drill hole one each end of Lid using small diameter drill bit, 1/8", or less diameter, to pilot drill holes for anchor holes; One in front, other in back as shown.
- 8) Then, open sun shield lid fully, and using a larger diameter 3/16" (or 13/64") dia. Bit, bore out hole to 0.185" or so on each of two pilot holes of plastic housing lid. Clean/ clear holes of burrs or drill debris.
- 9) Install #8-32 x 1/4" Machine Screw from top of sun shield lid, using the provided nylon washers on bottom side to captivate fastener. Use screw driver to thread nylon washer onto #8 fastener. Repeat for other hole.



- 10) Install Nylon Hex fastener into front hole on top of Housing lid, and use lock washer and hex nut to fasten on bottom side of lid. **Do NOT tighten yet.**
- 11) Repeat Install of Nylon fastener for rear hole in lid of housing. **Do NOT tighten yet.**
- 12) Install Black EPDM Rubber End Caps on each end of protruding hinge ends, by gently wiggling each end cap on. A drop of each cap with Isopropyl alcohol will lube and ease install of endcaps.



- 13) Now Gently align front machine screw on sun shield lid, and use screw driver to close top onto hex fastener; Do not overtighten. Repeat for rear screw on lid.
- 14) Now Gently tighten hex nut on bottom of front and back of housing lid. Do not overtighten.
- 15) Sun Shield Installation is complete.

To Open Housing lid: 1) Loosen front and back Philips drive screws on top of Sun Shield to access housing Lid Screws 2) Open Sunshield Lid. 3) Then Unscrew 6 housing lid screws to open Lid.

To Close Housing with Sun Shield: 1) Tighten 6 housing lid screws Securely to seal housing. 2) Close Sun Shield Lid. 3) Gently tighten front and back screws on top of Sun Shield to secure sun cover closed. Do not overtighten.