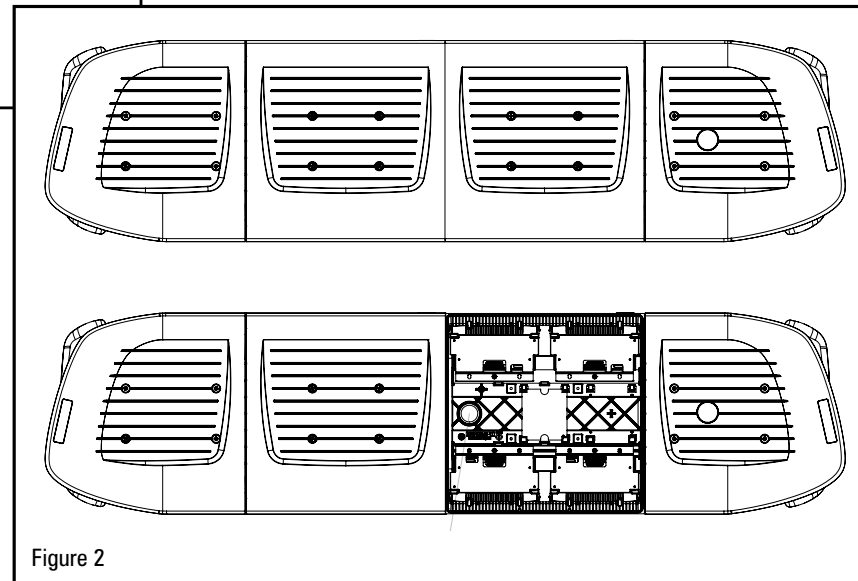
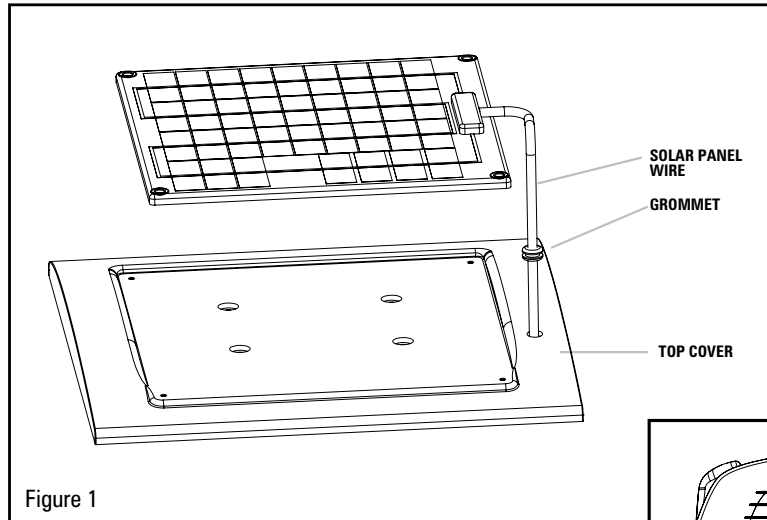


## PNFLBTSLGL(xx) - Retrofit Solar Panel Kit



### INSTALLATION:

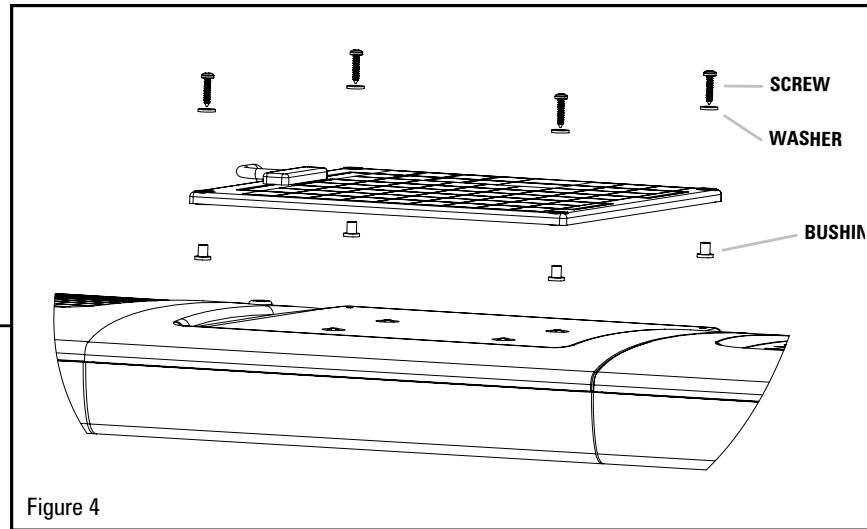
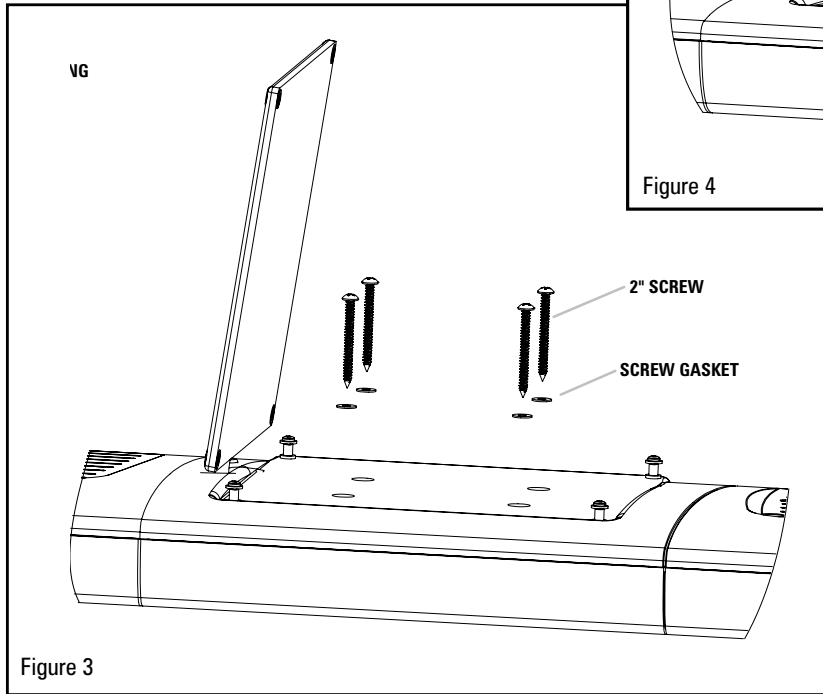
1. Prepare the solar panel by cutting the attached cord just before the quick-disconnect plug. Insert the grommet into the hole of the top cover. Insert wire from the solar panel through the grommet. The seal to each will be very tight; a water displacing lubricant may be applied to the wire to ease installation of the wire in the grommet. Leave about 2 inches of wire from the grommet to the panel connection (Figure 1.)
2. It is recommended to install the solar panel on the 12" section closest to, or on the section, where the wires exit the lightbar. Remove the four screws from the lightbar's top panel and remove the top cover. If any square black plastic grommets appear broken, remove with flat head screwdriver and replace. (Figure 2.)
3. Feed solar panel wire through the wire exit of the lightbar. Route the wire to not interfere with existing wiring or electrical components inside the lightbar.

### NOTICE:

Installers and users must comply with all applicable federal, state and local laws regarding use and installation of warning devices.

*Improper use or installation may void warranty coverage.*

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## INSTALLATION (cont.):

- Secure the solar panel top cover on the lightbar. Install the four screws and rubber gaskets in the top cover while the solar panel is loose to the top cover. Do not overtighten the screws (Figure 3.)
- Using the provided hardware, insert the plastic bushings into the bottom of the outboard holes in the solar panel, and place on the top cover. Fasten the solar panel to the top cover using the four self-tapping screws with washers. Do not over-tighten (Figure 4.) Verify the top cover and solar panel are secure, the lightbar installation is complete.
- Attach the solar panel charge module to the vehicle's battery system following the manufacturer's instructions. Connect the supplied harness to the installed solar panel, harness which was cut in step 1. The wires are blunt cut, they must be stripped and connected using a method you choose. Connect wires to the same color (YELLOW to YELLOW, BLACK to BLACK, and RED to RED.) Then mate the two connectors so the solar panel is connected to the charge module.

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