SYSTEM, PLEASE USE STEPS 1 AND 2 OF THE 12 VOLT SOLAR PANEL INSTRUCTIONS AND THEN REFER TO STEP 3 OF THE 24 VOLT SOLAR PANEL ADD-ON INSTRUCTIONS. PLEASE NOTE THAT IT WOULD BE VERY HELPFUL TO READ THROUGH COMPLETELY BOTH SETS OF INSTRUCTIONS BEFORE ASSEMBLY.

SOLAR PANEL ADD ON KIT REQUIRES PRIOR PURCHASE OF 12 VOLT SOLAR PANEL KIT (P/N 511-01351-00)

TOOLS REQUIRED
- 1/2" SOCKET
- 3/4" SOCKET
- SMALL FLAT HEAD SCREW DRIVER
- TORQUE WRENCH
- KNIFE OR SCISSORS
FLOE 24V SOLAR PANEL ADD-ON-KIT
EXPLODED VIEW AND BOM
KIT P/N 511-01352-00

SOLAR PANEL ADD-ON-KIT REQUIRES
USE OF ALL PARTS FROM 12 VOLT
SOLAR PANEL KIT

TORQUE TO 10 FT/LBS

SOLAR MAINTENANCE CHARGER -
DESULPHATOR SYSTEM, BATTERIES MUST
BE IN 'GOOD' CONDITION TO GAIN
THE BENEFITS OF THIS SYSTEM WITH NO
SHORT CELLS AND A RESTED VOLTAGE
(10-24 HOURS) OF 12.2 VOLTS.

BATTERY CONDITION INDICATOR
WILL GIVE A QUICK
INDICATION OF YOUR BATTERIES
STATE-OF-CHARGE

PARTS LIST, SOLAR PANEL ADD-ON-KIT

<table>
<thead>
<tr>
<th>ITEM</th>
<th>QTY</th>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
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<tr>
<td>1</td>
<td>2</td>
<td>001-70060-00</td>
<td>HHCS, 5/16-18 X 1 3/4&quot; SS</td>
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<td>NUT, NYLOCK 5/16-18 - ALUM.</td>
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<td>3</td>
<td>1</td>
<td>011-00700-00</td>
<td>KIT, 12 VOLT SOLAR PANEL</td>
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</tbody>
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**STEP 1**
- REMOVE MAST FROM LIFT IF NECESSARY

![FIG. 1](image1)

- REMOVE MAST AND WIRE FROM LIFT
- UNFASTEN WIRE FROM LIFT
- LOOSEN BOLT, DO NOT REMOVE BOLT

**STEP 2**
- REMOVE SINGLE PANEL FROM MOUNT

![FIG. 2](image2)

- REMOVE NUTS THAT WERE SECURING THE SOLAR PANEL TO MOUNT, DO NOT DISCARD, THEY WILL BE NEEDED

**STEP 3**
- INSTALL 5/16 X 1 3/4" BOLTS INTO PANELS

![FIG. 3](image3)

- INSTALL 5/16 X 1 3/4" BOLT INTO TRACKS
STEP 4
- ASSEMBLE SOLAR PANELS TO MOUNT

- INSERT BOLTS IN FRONT HOLES
- 5/16 NYLOCK NUTS ONTO BOLT FROM SOLAR PANELS,
- TORQUE TO 10FT/LBS
- INSERT BOLTS IN REAR HOLES

STEP 5
- ROUTE WIRES FROM SOLAR PANELS THROUGH MAST

ROUTE WIRES FROM PANELS THROUGH HOLE IN GROMMET AND OUT THE BOTTOM OF THE MAST
YOU MAY HAVE TO REMOVE THE CAP FROM THE BOTTOM OF THE MAST AND REINSTALL IT ONCE WIRES HAVE BEEN PULLED THROUGH

STEP 6
- REINSTALL MAST TO LIFT
- CONNECT WIRES TO BATTERY
- SECURE THE WIRES TO THE FRAME OF THE LIFT IN A MANNER THAT THEY WILL NOT BE HARMED FROM THE LIFT MOVING UP OR DOWN WITH DOUBLE SIDED VELCRO

CAUTION, DISCONNECT SOLAR PANEL WHEN NOT BEING USED FOR OVER A MONTH.

IMPORTANT, FULLY CHARGE BATTERIES SEPERATELY BEFORE CONNECTING SOLAR PANEL

BLACK WIRE TO (-) = NEGATIVE
RED WIRE TO (+) = POSITIVE

CLEAN BATTERY BOX WHERE ADHEARING CHARGING SYSTEM, PEEL OFF BACKER FROM TAPE ON BACK SIDE AND PRESS FIRMLY TO BATTERY BOX

CONNECT WIRE FROM SOLAR PANEL
RED TO (+) POSITIVE SIDE AND TIGHTEN SCREW
BLACK TO (-) NEGATIVE SIDE AND TIGHTEN SCREW

FIG. 6B
ONE SOLAR PANEL TO ONE BATTERY

FIG. 6A
TORQUE NUTS TO 45 FT/LBS
FEED WIRES THROUGH BRACKET
SECURE WIRES TO LIFT WITH VELCRO
SLIDE MAST BACK INTO BRACKET

FIG. 6C
CONNECT SOLAR PANEL WIRES
TORQUE BOLT TO 40 FT/LBS
FEED WIRES THROUGH BRACKET
SECURE WIRES TO LIFT WITH VELCRO