



***INSTALL TOP PIVOTS TO PANEL:**
 4 HOLE SPACING CRITICAL AND MUST BE SQUARE. LOCATED SAME DISTANCE FROM EDGES TO ENSURE NO TWISTING OF PANEL. INSTALL WITH LONGEST LENGTH OF MOUNTS IN LINE WITH LONGEST LENGTH OF PANEL (NORMAL PARKED POSITION).
 IT IS DESIRABLE TO HAVE SIDES OF TOP MOUNTS FLUSH TO SIDES OF PANEL. ROTATED EITHER DIRECTION, NOT ALWAYS POSSIBLE BUT ALWAYS USE OF ADJUSTABLE SUPPORTS AND EXCESS CAN PROTRUD ABOVE PANEL WHEN TILT IS LOW.
 TIGHTEN THE 3/8" BOLTS SNUG BUT MOUNTS CAN STILL ROTATE.

***MOUNTING TO ROOF: ITS MORE EFFORT BUT BOLTING ALL BOLTS HELPS ENSURE ALIGNMENT. BOLT BOTTOM PIVOTS TO BASE AND TOP PIVOTS WITH ALL 4 MOUNTS PERFECTLY SQUARE TO EACH OTHER & TO PANEL. MARK HOLES ON ROOF. MARK SO ALL PARTS GO BACK IN SAME LOCATION. LIKELY REMOVAL OF TOP PIVOTS/PANEL NEEDED. DRILL PILOT HOLES (NOT THRU CEILING) INSTALL BASES TO ROOF DRY. REINSTALL PIVOTS & PANEL. TEST FOR FREE MOVEMENT. (REMOVE BOTH 1/4" BOLTS FROM PIVOTS @SIDE TO BE RAISED. THE OTHER SIDE OR HINGE SIDE REMOVE 1 BOLT EACH). MINOR BINDING MAY NEED TO REDRILL HOLES IN BASE(S) LARGER TO ADJUST. YOU CAN CHECK IN ALL 4 DIRECTIONS BUT TILTING ONCE ON SHORT OR LONG SIDE SUFFICE.**

ONCE GOOD, UNBOLT ONE MORE TIME. ADHERE BUTYL TAPE TO BASES. CAULK SCREENS, EVENLY SNUG DOWN, DONT REEF ON IT. LET SET FOR DAY OR 2 DEPENDING ON WEATHER FOR BUTYL TO OOOZE OUT. CHECK RESING IF NEEDED. ONCE BUTYL STABILIZED TRIM WITH WATER & PLASTIC/WOOD KNIFE. LIBERALLY APPLY CAULK [NO SILICONE!] PER YOUR ROOF MATERIAL - IE: EPDM USE DICOR SELF LEVELING

***TILTING: ROTATE ALL PIVOTS IN DIRECTION OF TILT. REMOVE ONE 1/4" BOLT FROM EACH PIVOT ON SIDE TO ACT AS HINGE. REMOVE BOTH 1/4" BOLTS FROM PIVOTS ON SIDE TO BE RAISED. LOOSELY INSERT BOLT/NUTS THRU SUPPORT ARMS IN TOP PIVOTS. RAISE AND INSERT BOLTS THRU SUPPORT ARMS INTO LOWER PIVOT. SNUG ALL.**

ASSEMBLED MOUNT-4 REQUIRED
 BASES MOUNT TO ROOF.
 TOP PIVOTS MOUNT TO PANEL.
 BOTTOM PIVOTS MOUNT BETWEEN
 TOP & BASE

ASSEMBLY FIELD	PIECE	MARK	DESCRIPTION	QTY TOTAL	SPECIFICATION	(LBS) WEIGHT	NUMBER PURCHASING
16-A	1		TUBE, 1/8" x 1 1/2" SQ x 4 3/16" LG.	4	ALUM.	---	---
	2		ANGLE, 1/4" x 1 1/2" x 1 1/2" x 2 5/8" LG	4	ALUM	---	---
	3		ANGLE, 1/4" x 1 1/2" x 1 1/2" x 2 5/8" LG	4	ALUM	---	---
	4		BOLT, 5/16" UNCL" LG. w/ NYLOCK NUT & (2) FLAT WASHERS	8	SST	---	---
	5		BOLT, 1/4" UNCL" LG. w/ NYLOCK NUT & (2) FLAT WASHERS	8	SST	---	---
	6		LAG, 1/4" x 1 1/4" LG. w/ (1) FLAT WASHER	16	SST	---	---

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CHECKED BY DATE: _____
 DRAWN BY DATE: _____
 ADP 01/06

DESCRIPTION: **4-WAY SOLAR PIVOT MOUNTS**
 PRELIMINARY
 PRELIMINARY

SCALE: N.T.S.
 DRAWING NUMBER: SOL

REV. 0

BILL OF MATERIALS QUANTITIES LISTED ARE FOR ALL PARTS TO BUILD (4) MOUNTS