

**Important Notice:** Before assembly of the dish necessary to check and correct the reflector for warping that may have occurred during shipment. Failure to check and correct may result in decreased or no signal reception!

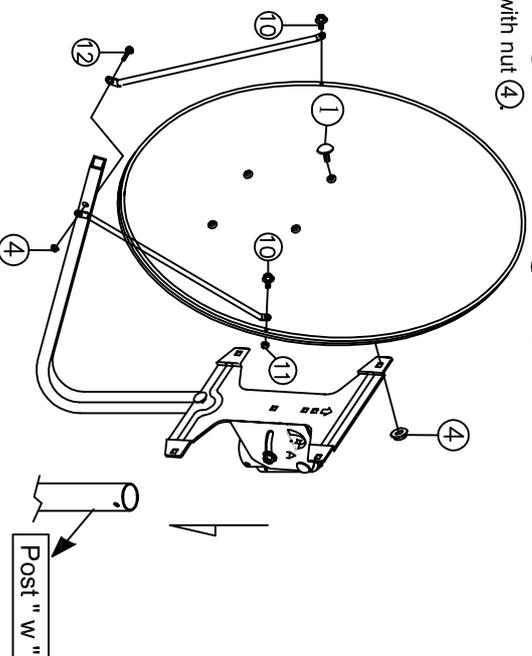
## Assembly Steps of GEOSATpro 90CM satellite dish

20-57 degree Elevation Use **Post Clamp**  
Hole A & **Elevation Bracket** Scale A.

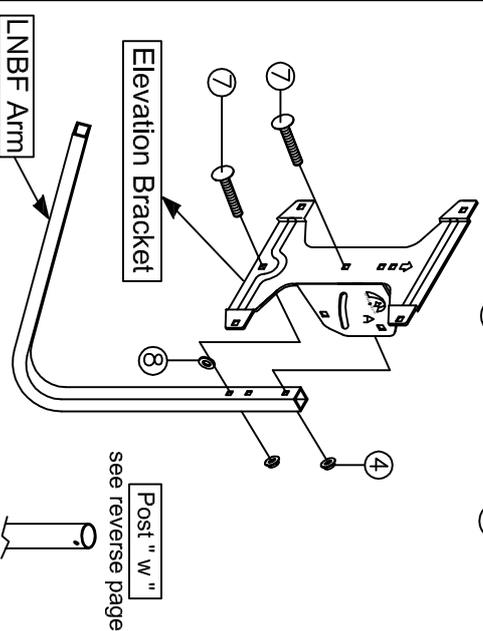
50-90 degree Elevation Use **Post Clamp**  
Hole B & **Elevation Bracket** Scale B.

1		1/4" x 1/2"	6
2		M4*16mm	2
3		M4 HEX NUT	2
4		1/4" HEX NUT	13
5		1/4" x 1-1/4"	1
6		1/4" x 2-1/2"	1
7		1/4" x 1-1/4"	2
8		M6 WASHER	2
9		1/4" x 3/4"	2
10		1/4" x 1/2"	2
11		1/4" HEX NUT	2
12		1/4" x 1-1/4"	1

4. Attach the Reflector to the **Elevation Bracket** with the 4 screws **①** and nuts **④**.  
Insert the Post "W" into the **Post Clamp** and then tighten the 2 screws **⑨** with nuts **④** on the Post Clamp.  
Attach the Supporters to the Reflector with the 2 screws **⑩** and nuts **⑪** and insert screw **⑫** through Supporters and LNBF Arm with nut **④**.



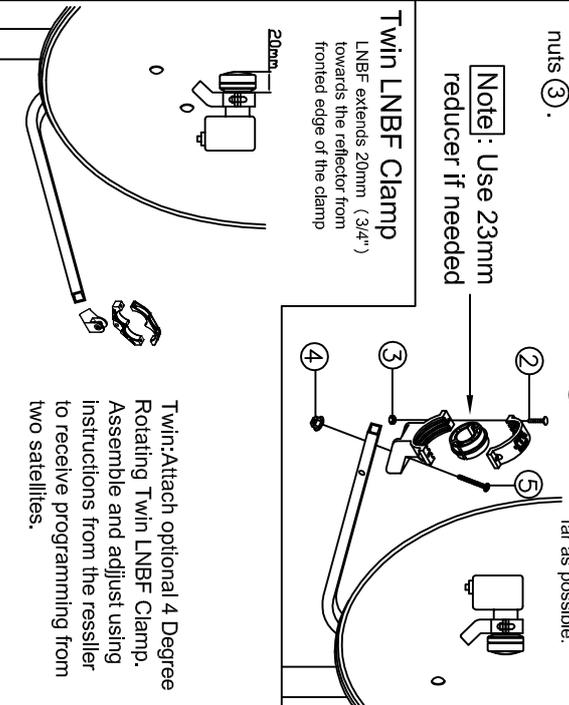
1. Fix the **Post "W"** to the ground / wall / roof. Please find the details on the reverse page, marked **Post "W"**.  
2. Attach **LNBF Arm** to **Elevation Bracket** with the 2 screws **⑦** and nuts **④**.



5. Single LNBF Clamp  
Attach the included single LNBF Clamp to the LNBF Arm using screws **⑤** and nut **④**.  
Insert LNBF into yoke and secure the clamp onto the yoke using the 2 screws **②** and nuts **③**.

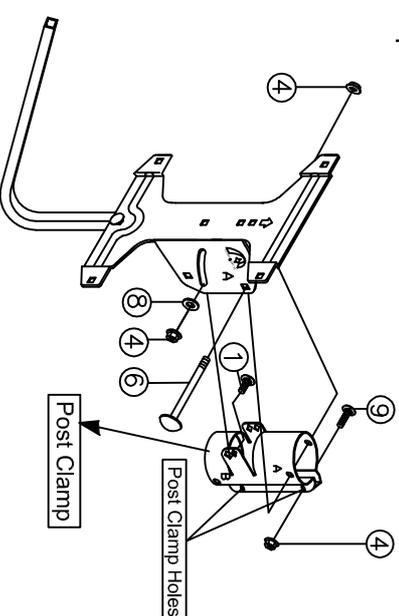
**Note:** Use 23mm reducer if needed

**Twin LNBF Clamp**  
LNBF extends 20mm (.3/4") towards the reflector from fronted edge of the clamp

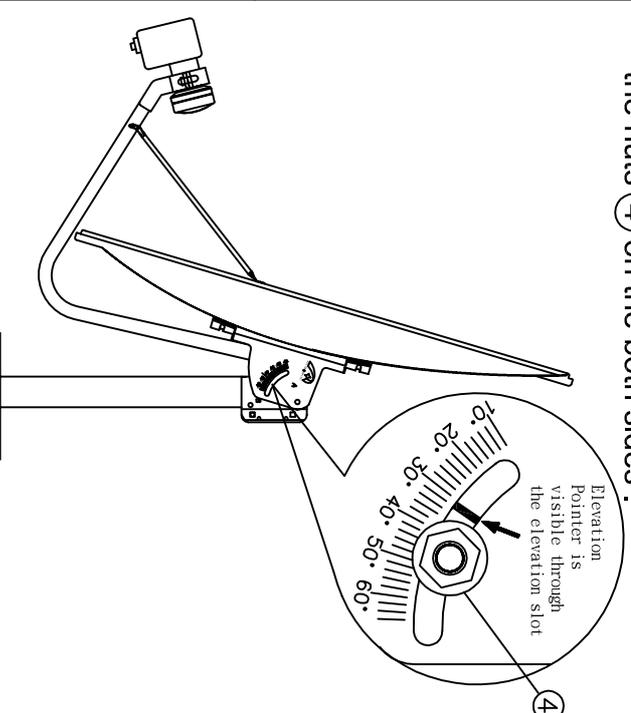


Twin: Attach optional 4 Degree Rotating Twin LNBF Clamp. Assemble and adjust using instructions from the reseller to receive programming from two satellites.

3. Slide the **Post Clamp** into the **Elevation bracket**.  
Insert screw **⑥** through the top predrilled hole with washer **⑧** and nut **④**.  
Insert 2 screws **⑨** through **Post Clamp Holes** with nuts **④** **LOOSELY**.  
Insert screw **①** through the Clamp and the Elevation Slot with washer **⑧** and nut **④** **LOOSELY**.  
Repeat for other side of the Elevation Bracket.



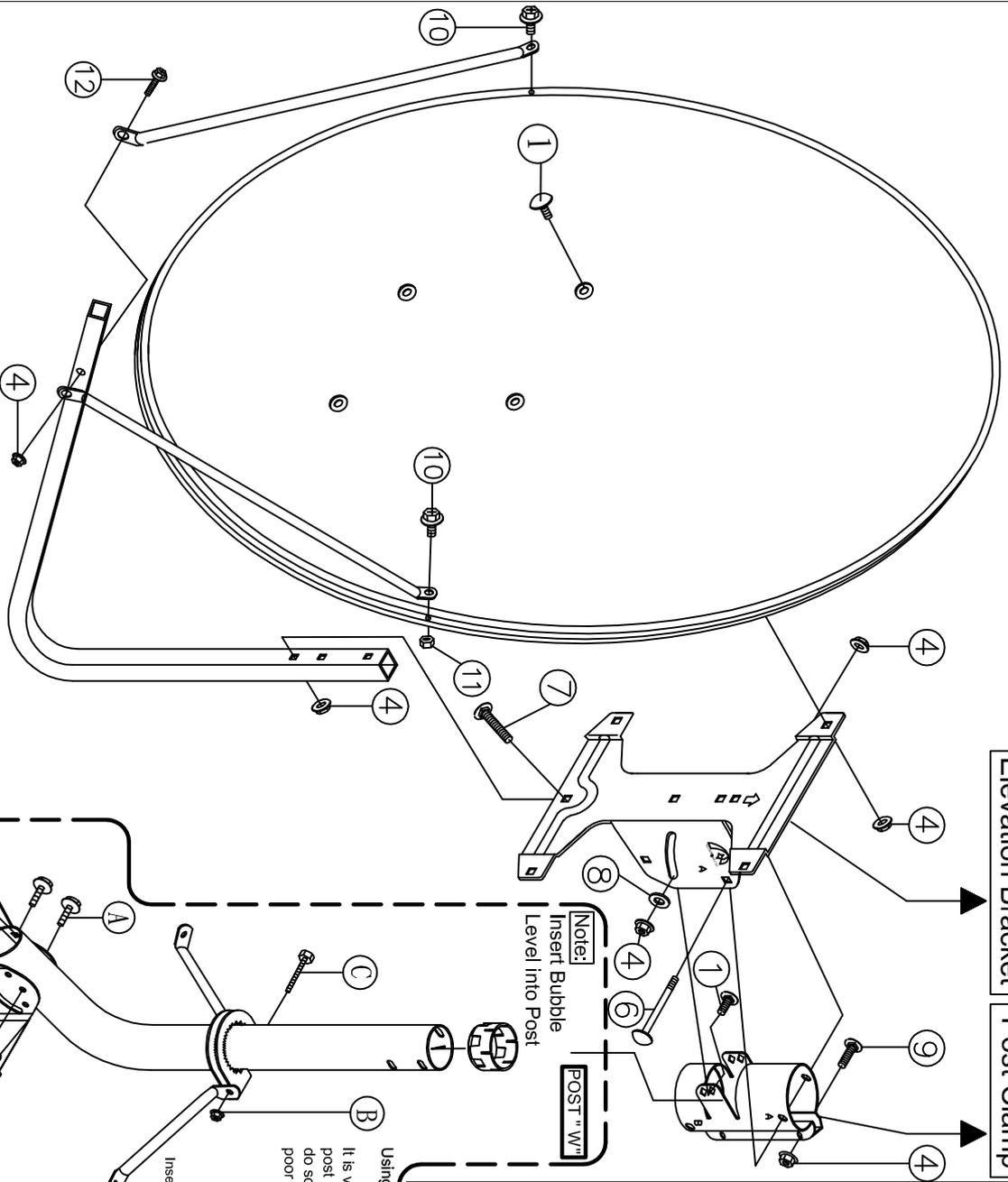
6. Find the Elevation Angle and then tighten the nuts **④** on the both sides.



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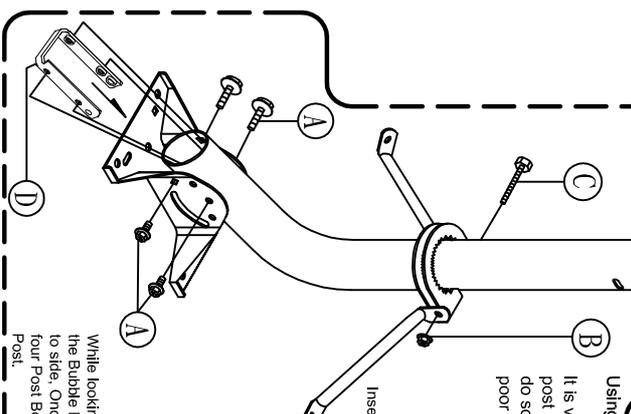
**Model: GEOSATpro 90CM Satellite dish**

- 90 cm offset antenna with rolled edge.
- Easy assembly & strong Az/EI mount with universal stand.
- 0°~90° Full Elevation Range Ability.

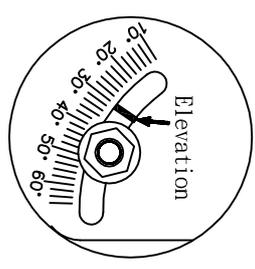


**Post "W" Assembly Parts.**

A		1/4" * 1/2"	4
B		1/4" HEX NUT	1
C		1/4" * 3-1/2"	1
D		Fastener Insert	1



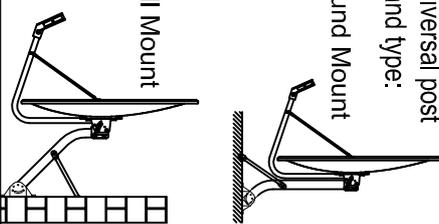
Normal Elevation range  
Example: Pointer indicating Elevation Level is set to 30 degrees.



2. Universal post stand type:

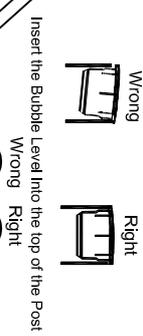
I. Ground Mount

II. Wall Mount



Using the Bubble Level to Adjust the Post

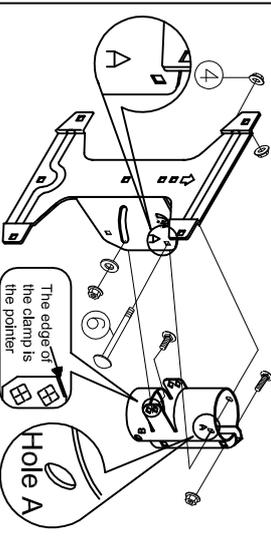
It is very critical to plumb and level the post before mounting the dish. Failure to do so will result in a misaligned dish and poor signal quality.



Write locking down at the top of the post and viewing the Bubble Level, adjust the Post front to back and side to side. Once the Bubble Level is centered, tighten the four Post Bolts and install the tripod arms to secure the Post.

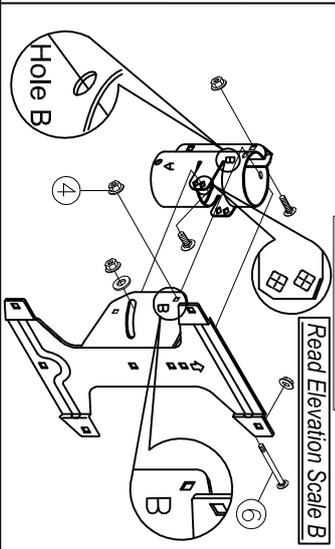
**X Elevation range: 20°~57°**

Elevation Bracket side A + Hole A on the Post Clamp  
Read Elevation Scale A



**Y Elevation range: 50°~90°**

Reverse the Post Clamp and fix Hole B to the side B of Elevation Bracket  
Read Elevation Scale B



**Z Special Elevation range: 0°~20°**

To reverse the Elevation Bracket upside down to get the range: 0°~20°, and reverse the Pipe as below shown.

