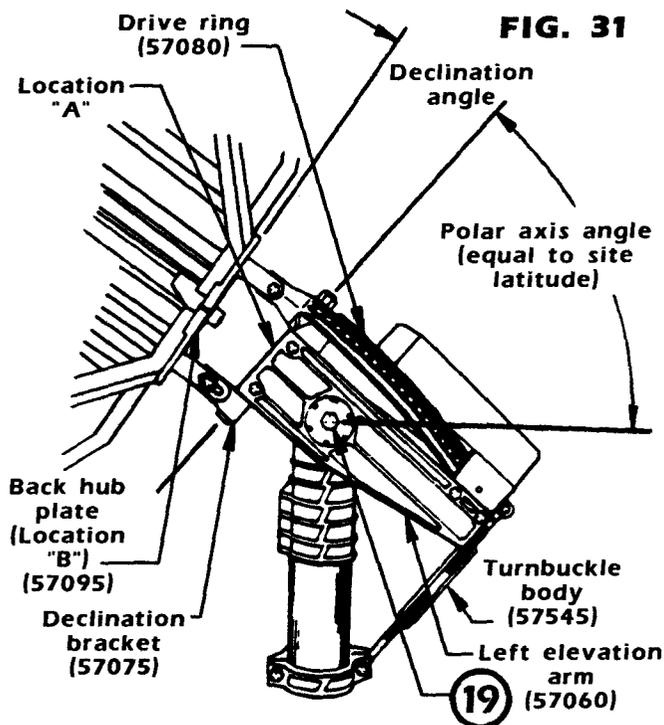


1. To adjust the elevation, loosen the  $\frac{3}{4}$ " x 6" bolt that goes through the right and left elevation arms and the mount cap. (See Fig. 31)

2. Using an inclinometer at location "A", adjust the elevation so that it is equal to the site latitude. To adjust, rotate the turnbuckle body. Retighten the  $\frac{3}{4}$ " x 6" bolt. (See Fig. 31)

3. To adjust the declination, loosen the three  $\frac{1}{2}$ " nyloc nuts that attach the back hub plate to the drive ring and the declination bracket. (See Fig. 31)

4. Using an inclinometer to measure the angle at locations "A" and "B", adjust the declination according to the chart below. The declination angle is the difference between locations "A" and "B". Retighten all declination hardware. (See Fig. 31)



For a complete listing of nuts, bolts, and other hardware, please see identification table on page 25 for **12 CD** and page 26 for **14 $\frac{1}{2}$  CD**.

<b>Declination &amp; Elevation Chart</b>					
<b>Polar axis angle (equal to site latitude)</b>	<b>Declination</b>	<b>Polar axis angle (equal to site latitude)</b>	<b>Declination</b>	<b>Polar axis angle (equal to site latitude)</b>	<b>Declination</b>
0°	.00°	24°	3.54°	48°	6.41°
2°	.30°	26°	3.81°	50°	6.61°
4°	.61°	28°	4.08°	52°	6.79°
6°	.91°	30°	4.34°	54°	6.97°
8°	1.21°	32°	4.60°	56°	7.14°
10°	1.51°	34°	4.85°	58°	7.30°
12°	1.81°	36°	5.09°	60°	7.45°
14°	2.11°	38°	5.33°	62°	7.59°
16°	2.40°	40°	5.56°	64°	7.72°
18°	2.69°	42°	5.79°	66°	7.84°
20°	2.98°	44°	6.00°	68°	7.95°
22°	3.26°	46°	6.21°	70°	8.06°