DISK HARROW

3323, 3326, 3329
4330, 4333, 4336

ADJUSTMENTS BEFORE GOING TO THE FIELD

1). Connect disk to the tractor.
a). Connect all safety devices.
b). Connect hydraulics as follows:

<table>
<thead>
<tr>
<th>Tractor Outlet</th>
<th>System</th>
<th>Flow (gal./min.)</th>
<th>Timer</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Field Lift (Black)</td>
<td>10 GPM</td>
<td>Full raise plus ½ sec.</td>
</tr>
<tr>
<td>2</td>
<td>Fold (Green)</td>
<td>10 GPM</td>
<td>Full Fold</td>
</tr>
<tr>
<td>3</td>
<td>Hydraulic Leveling (Red)</td>
<td>5 GPM</td>
<td>4 sec.</td>
</tr>
</tbody>
</table>

2). Lubricate all grease points as recommended in the operators manual.

3). Inflate all tires using the following chart:

<table>
<thead>
<tr>
<th>Tire Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size</td>
</tr>
<tr>
<td>---------------</td>
</tr>
<tr>
<td>11L x 15 8-Ply</td>
</tr>
<tr>
<td>11L x 15 12-Ply</td>
</tr>
<tr>
<td>12.5L x 12 Load Range F</td>
</tr>
<tr>
<td>20.5 x 8 10-Ply</td>
</tr>
</tbody>
</table>

4). Level the Main Frame:
a). Raise lift system and hold tractor valve open for 60 seconds to be certain system is rephased.
b). Lower the disk so that disc blades are approximately 1” off of a level surface.  
   Note: Keep away from disc blades to avoid injury!
c). Measure from the center of the walking axle pivot shaft to the bottom of the frame on both sides. (Fig. 1)  
   If measurement is not equal, adjust turnbuckle so that measurements are equal. (Fig. 2)

5). Level the Wing Frames:
a). Raise lift system and hold tractor valve open for 60 seconds to be certain system is rephased.
b). Lower the disk so that disc blades are approximately 1” off of a level surface.  
   Note: Keep away from disc blades to avoid injury!
c). Measure from the center of the walking axle pivot shaft to the bottom of the frame and adjust both wings to equal the measurement found on the center.  
   NOTE: Adjust using the eyebolt above the wing cylinders. (Fig. 3)
6). Level the Disk Fore and Aft:
   a). Remove manual transport locks.
   b). Lower unit within 1” of a level surface.
   c). Adjust hydraulic leveling cylinder or adjust turnbuckle
       so that the front blades are ½” closer to the surface
       than the rear.
       Take note of the letter on the leveling indicator. (Fig. 4)

7). Disk Scraper:
   a). Adjust rigid scraper gang so that scrapers
       have ⅛” to ¼” gap to the blade.
   b). Adjust scraper bar so that it is scraping
       from the inside of disk blade out.

NOTE:
1). Paddle should not touch the cast spools.
2). If 1 scraper needs adjusted, adjust the individual scraper.
3). If all scrapers need adjusted, move the entire
    scraper bar assembly.

FIELD SETTINGS

1). Lower the disk into the ground.
2). Pull forward a short distance at operating speed (4 to 6 mph)
    then stop.
3). Set depth of disk using single point depth stop. (Fig. 5)
   NOTE: Tires must remain in contact with the ground
   at all times.
4). Check level of disk:
   a). Front to Rear
      1). If ridging in the center –
          Lower front using the hydraulic tongue cylinder
          or turnbuckle.
          (Move indicator toward “A”.)
      2). If leaving a furrow in the center –
          Raise the front using the hydraulic tongue cylinder
          or turnbuckle.
          (Move indicator toward “G”.)
   b). Side to Side
      1). If not level –
          • Recheck rockshaft pivot shaft to frame dimensions.
          • Recheck tire pressure.
          • Raise disk and rephase hydraulic cylinders.
5). Set front gauge wheels so that they are 1” to 2” above the ground
   with disk at working depth. Use the eyebolt on the gauge wheel
   assembly. (Fig. 6)
6). Adjust rear harrow for desired finish (if applicable).