General Information

Proper servicing and adjustment is key to the long life of all farm equipment. With careful and systematic inspection of equipment, costly maintenance, time and repair can be avoided. The following information will assist with recommended servicing and adjustments:
Tire Inflation Chart:
Ensure all tires are inflated to the proper operating pressure per the table to the right. Note: Proper inflation is important to ensure safe transport and level operation of the Turbo-Max.

<table>
<thead>
<tr>
<th>Position</th>
<th>Size</th>
<th>Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transport</td>
<td>340/60R16.5</td>
<td>73 PSI</td>
</tr>
</tbody>
</table>

Hydraulic Hose Hookup:
Great Plains hydraulic hoses have color coded handle grips to help hook up hoses to the tractor remotes. Hoses with the same color use the same remote.

<table>
<thead>
<tr>
<th>Color</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black</td>
<td>Lift (2 Hoses)</td>
</tr>
<tr>
<td>Red</td>
<td>Gang Adjustment (2 Hoses)</td>
</tr>
</tbody>
</table>

Front to Rear Leveling:
1) Completely unfold the machine while observing the unit for any hydraulic leaks or loose fittings.
2) Once unfolded, raise the unit to re-phase the lift circuit. Hold the lift circuit open for 30 seconds to ensure all air is purged from the hydraulic system.
3) Lower the machine so the front coulter gangs are 1-2” off of a smooth level surface.
4) Loosen the jam nut (1) and adjust the turnbuckle (2) (shorten the turnbuckle to lower the front or extend the turnbuckle to raise the front) until the front coulter gangs are the same distance off the ground as the rear coulter gangs.
5) Once level, re-tighten the jam nut (1).

Level Bar Spring Adjustment:
1) To adjust the level bar spring assembly to the factory setting of 67.6cm (26 5/8”), loosen the jam nut (3).
2) Adjust the nut (4) until the 67.6cm (26 5/8”) dimension is reached between the backside of the spring guide and front side of the level bar spring rod plate.
3) Once 67.6cm (26 5/8”) is achieved, re-tighten the jam nut (3).
Gang Angle Adjustment:
Several conditions will dictate the gang angle setting that will accomplish the desired results:

Example Of Suggested Settings:
1) Fall Operation: Cover residue and aggressively fill in tracks.
Settings:
   4-6 Degree Gang Angle
   4-5” Working Depth
   6-8 mph

2) Final Pass: Creating a level surface/planter-ready seedbed.
Settings:
   0 Degree Gang Angle
   2” Working Depth
   7-10 mph

Hydraulic Single Point Depth Stop Adjustment:
The hydraulic depth stop will ensure a consistent depth every time the implement is lowered.

1) Prior to setting the single point depth stop, ensure that the machine is completely level front to back and side to side.

2) Lower the implement to the desired working depth and pull forward. Once satisfied with the working depth, adjust the depth stop to make contact with the depth stop valve. Note: If a change of depth is desired, 1 full turn of the depth stop handle either in or out will change the depth of the machine approximately 1/4” up or down.
Rolling Reel Spring Adjustment:
The reel down pressure may be adjusted by removing the pin (5) and then either pushing the handle (6) forward to increase the spring pressure or by pulling the handle backwards to decrease the spring pressure. When the desired amount of spring pressure is achieved, re-insert the pin. Note: It is recommended to run little to no down pressure in wet conditions.