New Idea
Operator’s Manual
Model 484
Round Baler

JENSALES.COM
or Call 800-443-0625
For the Dealer and Operator

Read this manual • Save it for reference
## TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dealer/Customer Information</td>
<td>4</td>
</tr>
<tr>
<td>Transport Safety Precautions</td>
<td>6</td>
</tr>
<tr>
<td>Safety Precautions</td>
<td>5-6</td>
</tr>
<tr>
<td>Safety Warning Signs</td>
<td>7-11</td>
</tr>
<tr>
<td>Introduction</td>
<td>12</td>
</tr>
<tr>
<td>End of Season Storage</td>
<td>13</td>
</tr>
<tr>
<td>Lubrication Guide</td>
<td>14</td>
</tr>
<tr>
<td>Operation</td>
<td>15-22</td>
</tr>
<tr>
<td>Adjustments</td>
<td>23-29</td>
</tr>
<tr>
<td>Service</td>
<td>30-34</td>
</tr>
<tr>
<td>Assembly</td>
<td>35-37</td>
</tr>
<tr>
<td>Baler Run-in</td>
<td>37</td>
</tr>
<tr>
<td>Optional Equipment</td>
<td>38-39</td>
</tr>
<tr>
<td>Trouble Shooting</td>
<td>40-41</td>
</tr>
<tr>
<td>Specifications</td>
<td>43</td>
</tr>
</tbody>
</table>

**ATTENTION!**

Pictures in this MANUAL may show protective shields and guards opened or removed for illustration purposes. BE CERTAIN ALL SHIELDS AND GUARDS ARE IN PLACE DURING OPERATION.
LOWERIGN PICKUP

Figs. 34, 35, 36 & 37 -

Figure 34 illustrates the pickup in the transport position - Figure 36 illustrates the operating position.

To lower the pickup, lift pickup with handle at "H" and disengage lock at "I".

Position the lock at "J" to prevent the pickup from being latched in the "up" position while baling in rough conditions.

GAUGE WHEELS

The gauge wheels will be assembled at the factory in the middle adjusting hole as shown at "K". This position is recommended for gently rolling to rough terrain in medium to heavy material. Use the upper hole at "L" in flat terrain and light material. Use the lower hole in very rough terrain or when baling in long stubble.

PICKUP FLOTATION

The flotation of the pickup is controlled by the float spring "M". It is adjusted at the factory to require approximately 30 lbs. (14 kg) to lift the pickup. Adjust the adjusting bolt "N" accordingly. Tighten locknut next to the spring insert securely.
Inspect all parts for wear and replace as required. Proceed with assembly as follows:

1. Assemble the input shaft assembly (Key 1) as shown.

**NOTE:** Shims (Key 11) should never require removal. However, if they are removed, use the same amount of shims as previously removed. These shims control gear mesh.

**NOTE:** Gear boxes from our Parts Department have these shims installed.

2. Bolt the input shaft assembly to the box with bearing housing (Key 3) using 1/2 x 1-1/2" Grade 5 cap screws. Use the same amount of shims (Key 4) as previously removed. Shag the bolts and check for bearing pre-load. The bearing pre-load should be 2 to 20 inch lbs. torque (0.22596 N.m - 0.2260 N.m). A small amount of drag will be present when turning the shaft. Use shims (Key 4) as required to attain this setting.

3. Assemble the output shaft assembly (Key 22) as shown. Tighten slotted nut (Key 19) to obtain 2 to 15 inch lbs. torque (0.22596 N.m - 0.1695 N.m) bearing pre-load. A small amount of drag will be present when turning the shaft. Secure nut to shaft with cotter pin (Key 18).

4. Bolt the output shaft assembly to the gear box using 1/2 x 1-1/2 Grade 5 cap screws. Use the same amount of shims (Key 4) as previously removed. Shag the bolts and check backlash on the gears. The backlash should be .006 to .016 (0.152mm to 0.406mm). Add or remove shims (Key 4 next to Key 23) to obtain this setting. You can also check the backlash by moving the input shaft (Key 1) back and forth. When checking it in this manner, .004 to .008 (0.0355mm to 0.0965mm) should be present.

5. If shims (Key 11) have been removed or replaced, check the gears for proper mesh. An inspection light can be inserted (remove fill plug Key 25) into the box for inspection. Add or remove shims (Key 11) to obtain the proper mesh.

6. Seal both bearing tubes (Keys 3 & 23) to the box using a sealant compound, such as Sealastic. Torque bolts to 40 ft. lbs. torque (54 N.m).

7. Reinstall the gear box on the baler and fill to check plug level (Key 13) with SAE No. 90 E.P. Gear Oil (A.P.I. GL5).
Capacity ........................................................... up to 40 bales an hour
Length .................................................................. 149.0 in. (3785 mm)
Width (overall) .................................................. 94.5 in. (2400 mm)
Height ................................................................... 78.5 in. (1994 mm)
Weight ................................................................... 2950 lbs. (1338 kg)
Tractor requirements
Horsepower ..................................................... 50 HP (37.5 kW) minimum (40 hp (30 kW) minimum with power reduction kit)
Hydraulics ..................................................... Single remote with electric tie (Dual remote with bale slicer*)
                                                  (Dual remote with hydraulic tie)
Tires ...................................................................... 9.5L-14, 4 Ply
Bale wrapping mechanism ...................................... Electric or Hydraulic* controlled dual twine wrap
Capacity of twine box ............................................................ Six balls
BALE CHARACTERISTICS
Diameter .......................................................... approx. 4 ft. (1219 mm)
Width ............................................................. approx. 5 ft. (1524 mm)
Weight
Alfalfa .......................................................... 550-900 lbs. (248-408 kg)
Straw and corn stalks ............................................. 400-700 lbs. (173-317 kg)
Baling capacity
Alfalfa .......................................................... up to 15 tons/hour (13,620 kg/hr)
FLOATING PICKUP
Working width ................................................... 70-3/8 in. (1788 mm)
Overall width .................................................... 75-3/4 in. (1924 mm)
Gauge wheel size and tire type ................................ Two 4.80/4.00 x 8; pneumatic tubes, tires and wheels
Finger bars .......................................................... 4 (44 double tines)
*Hydraulic tie mechanism not available with bale slicer.