

PARTS & SERVICE NEWS

REF NO.	AA97060
DATE	May 7, 1997

Page 1 of 2

SUBJECT: CIRCLES EQUIPPED WITH REPLACEABLE WEAR PADS

PURPOSE: To improve circle rotating performance.

APPLICATION: GD530A Graders Serial Number 200840 thru 202486
 GD530AW Graders Serial Number 200840 thru 202486
 GD650A Graders Serial Number 200840 thru 202486
 GD650AW Graders Serial Number 200840 thru 202486
 GD670A Graders Serial Number 200840 thru 202486
 GD670AW Graders Serial Number 200840 thru 202486
 830 Graders Serial Number 200000 thru 202486
 850 Graders Serial Number 200000 thru 202486
 870 Graders Serial Number 200000 thru 202486

DESCRIPTION:

Introduction:

To change replaceable circle shoe wear pads from nylatron to cast bronze, 1438132H91 service kit is available which contains the following:

Part Number	Qty.	Description
1436 704 H91	4	Wear Pad - Bronze
1436 585 H1	8	Dowel Pin
84 169	12	Bolt - Brass
25 535 H1	12	Flat Washer

NOTIFICATION: Circle wear pads, 1430653H1 and 1430654H1 will be discontinued and replaced by 1438381H1 when ordered.

Refer to Parts & Service News AA97033 for lubrication information.



WARNING! Do not remove all the vertical bolts from the shoes at the same time. The shoe is very heavy and will cause injury if it falls from the mounting bolts.

Working with one shoe at a time, support the shoe (1), loosen jack bolt (2) and remove bolts (3). Remove shoe from circle.

Remove and discard old wear pad (4), dowel pins (5) and bolt & washers(6).

Install new 1436704H91 wear pad (4) with 1436585H1 dowel pins (5), 25536R1 flat washers and 84169 bolts (6).

Reinstall shoe to circle with three bolts (3). Do not tighten until all shoes have been adjusted following procedure in Shop Manual H-03.00.



WARNING! When adding or removing shims, the moldboard should be crosswise under the grader with slight down pressure applied.

The upper (A) and lower (B) wear pads have been redesigned to match the circle perimeter. 1438381H1 wear pads will replace both upper and lower applications; however, do not mix old with new wear pads on the same machine. Sixteen wear pads are required for complete replacement.

VERTICAL ADJUSTMENT

Follow instructions in Shop Manual H-03.00 for vertical adjustment. Reference to the gap between the bottom of the drawbar and top of the circle will apply to the gap between the drawbar wear pad and top of the circle, see Figure 2.

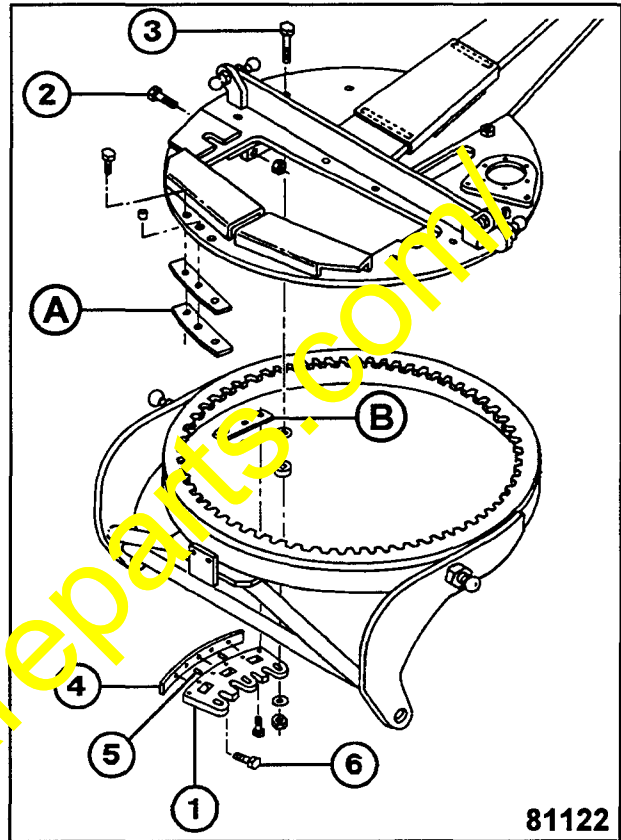


Figure 1

81122

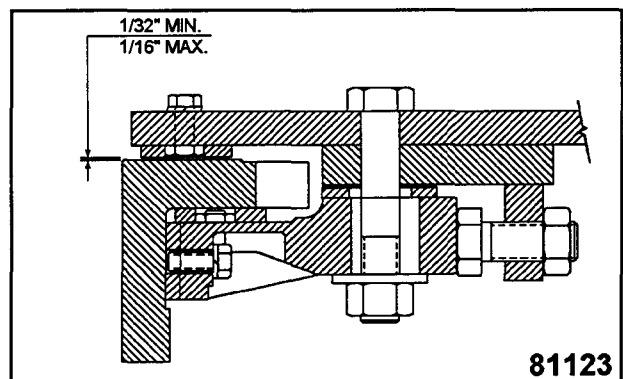


Figure 2

DRAWBAR & CIRCLE WITH REPLACEABLE WEAR PADS

81123