

July 28, 1965

Subject: **WHEEL-A-MATIC TRACTORS**

We have found that the slide casting which is secured to the front of the Wheel-a-Matic transmission has been working loose due to improper tightening at the factory, which results in a leaking condition.

The following corrective action is recommended.

1. Remove #6105 cover plate.
2. Remove #6114 (#6118 on 875) belt guard and #6150 fan shield.
3. Remove #6146 drive belt and unhook #6135 brake spring from #5969 brake lever. Fig. A.
4. Remove #6130 cam pivot rod and idler arm assembly (pulley intact) by removing 'E' ring from left end of idler shaft and #933503 hair pin. Slide idler arm assembly to the right to allow disengagement of the #6123 cam control assembly with the cam block. Fig. A.

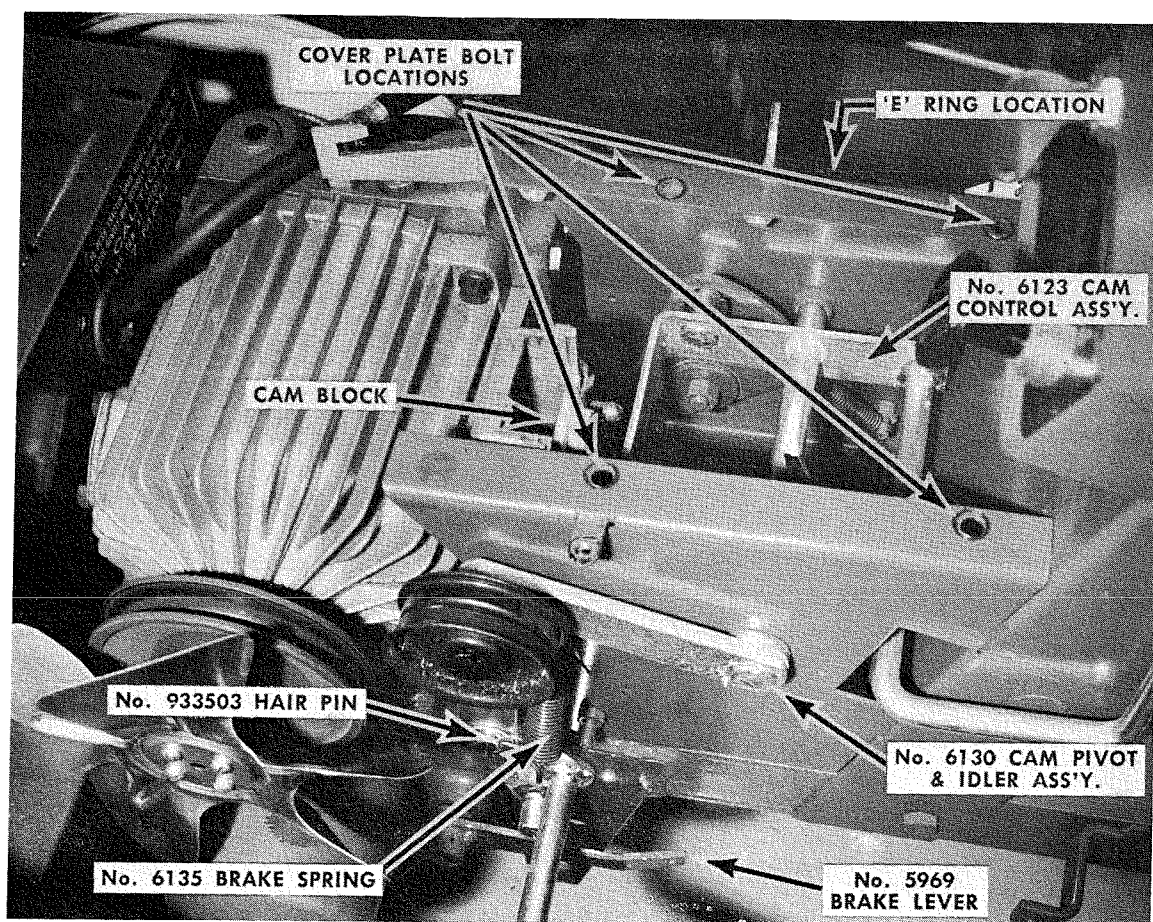


Figure A

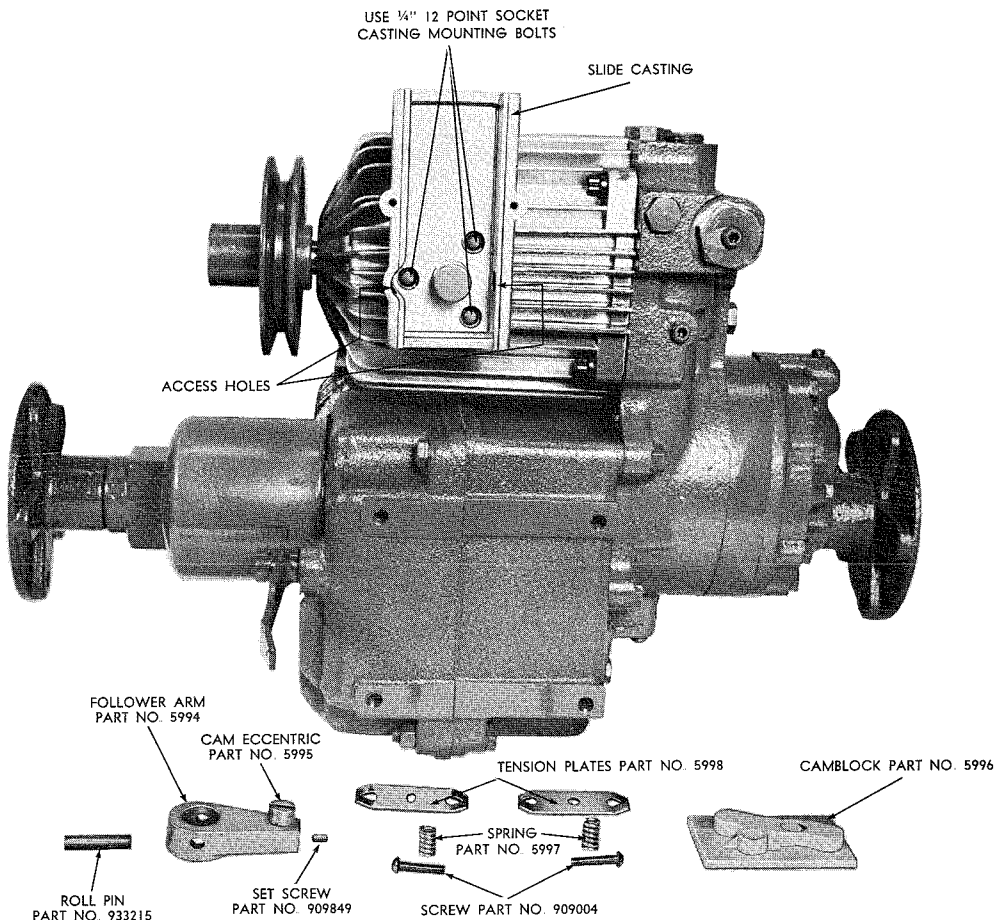


Figure B

5. Remove #909004 screws, #5997 springs, #5998 tension plates and #5996 cam block. Fig. B.
6. Check to determine if slide casting mounting bolts are twelve point cap screws or socket head cap screws. If socket head screws, retighten using a $\frac{3}{16}$ " allen wrench to six foot pounds. Fig. B.
7. If twelve point cap screws are used, loosen the four #908033 Hex Head cap screws which secure the transmission to the frame assembly.
8. Tilt transmission back sufficiently to permit removal of the #933215 roll pin which secures the #5994 cam follower arm to the shaft. Fig. B.
9. Retighten the cap screws using a twelve point, $\frac{1}{4}$ " socket to six foot pounds. (Twelve point socket wrenches are commonly used on chain saws and are available through Sears Roebuck, Montgomery Ward and Automotive or Mill Supply Houses.)
10. Re-assemble by reversing this procedure.

CAUTION: To prevent damage to the shim gaskets and O'Rings, *do not remove* the slide casting from the transmission. If the slide casting is damaged or if retightening does not eliminate the leaking condition, the complete transmission should be replaced.

A flat labor rate of \$5.00 will be approved on this repair.

Jack D. Walton
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 Service Manager