

Power Equipment

CODE: CC-275

DATE: APRIL 15, 1994

SUBJECT: INTERMITTENT SCRAPING NOISE COMING FROM TRANSAXLE ON 2000 SERIES HYDROSTATIC DRIVE TRACTORS. (2135-2145-2165-2185)

The brake drum on the 2000 Series hydrostatic drive tractors, part no. 761-3019 see item 44, is allowed to be a free floating drum. Because of this the brake drum may move outward slightly and contact the brake actuating arm, part no. 703-2191 see item 7, causing a scraping noise. Should you experience this situation proceed as follows:

- 1) Order a new brake drum, part no. 761-3019. The new drum has been machined slightly thinner to give more clearance between the drum and the brake actuator arm.
- 2) Remove the transaxle assembly from the frame of the tractor.
- 3) Remove the one remaining screw that attaches the brake mechanism to the transaxle. See item 16
- 4) Carefully remove the brake mechanism from the transaxle being careful not to lose any parts.
- 5) Remove the old brake drum from the brake shaft and install the new thinner brake drum.
- 6) Reassemble the brake parts back on to the transaxle and secure the assembly with the one screw previously removed. NOTE: When installing the one screw, to retain the brake mechanism, gently apply the brake before completely securing the screw. This will help align the other two screw holes which will assist you when installing the transaxle back into the frame of the tractor.
- 7) Reinstall transaxle back into tractor frame and connect all mounting and linkage parts on to tractor. NOTE: Add loctite 262 to mounting bolts and torque to 21-24 ft. lbs.
- 8) Readjust brakes and check for proper operation of brakes and locking mechanism. Check for proper operation of hydrostatic controls.
- 9) To submit for warranty call your regional service technician for a PRIOR APPROVAL number. They will designate time allowed for service work performed.

Circulate and initial

Service Mgr	Parts Mgr.	Service Tech.	Service Tech.	
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