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**SERVICE
MANUAL**

and

**OPERATING
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INSLEY MANUFACTURING CORPORATION

INDIANAPOLIS 6, INDIANA

TYPE H SERVICE MANUAL

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TYPE H - TRUCK MOUNTED, LEFT-SIDE



TYPE H - CRAWLER MOUNTED, RIGHT-SIDE

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- 3) Bleed any trapped air from the lower hydraulic tank; two petcocks are provided for this purpose. Air must be bled from the tank any time the tank has been drained and refilled. (Fig. 1)
- 4) Check the condition indicator gage on the hydraulic system filter (K6104). Element should be replaced when the gage registers 25 PSI, or every 300 hours. DO NOT attempt to wash the filter element; replace with H4708.
- 5) Grease control-linkage points sparingly. (Fig. 1.)

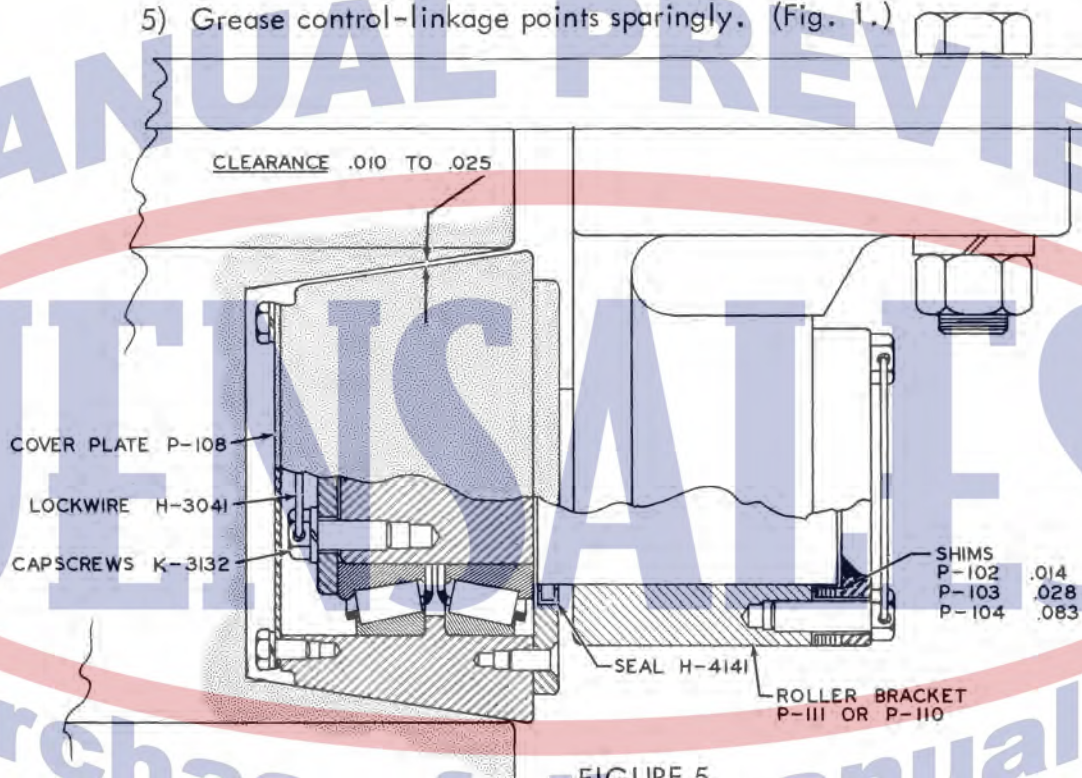


FIGURE 5

TURNTABLE AND HOOK ROLLERS (Fig. 5) Maintenance:

The turntable and the hook rollers require no lubrication as the bearings are pre-packed and sealed at the factory.

Pack and adjust rollers every 1000 hours.

Periodically check the clearance between the roller and the turntable; adjust the roller to maintain .010" to .025" clearance.

Remove shims P102 (.014.), P103 (.028), or P104 (.083) to reduce clearance; add shims to increase.

If a roller appears loose on the roller shaft; readjust bearing preload. Remove roller bracket P110 or P111. Remove cover plate P108, and lock wire H3041. If necessary, remove and repack bearings with a water-proof, heat-resistant bearing grease and replace seal H4141. Tighten cap screws K3132 evenly, until a slight drag (10 in./lb.) is felt on the roller. Replace lock wire H-3041 and cover plate P108. Replace mounting bracket; torque mounting bolts to 450 Ft./Lb. Adjust turntable clearance as outlined above.

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STEERING BRAKE ADJUSTMENT: (Fig. 9.)

The jaw clutch and brake linkage is preset at the factory, and requires no field adjustment. To compensate for lining wear, remove inspection plate and tighten adjusting bolt M-1239, until brake holds. When the brake is properly adjusted, link P208 should clear the band end $\frac{1}{4}$ " at point "A" when brake is set.

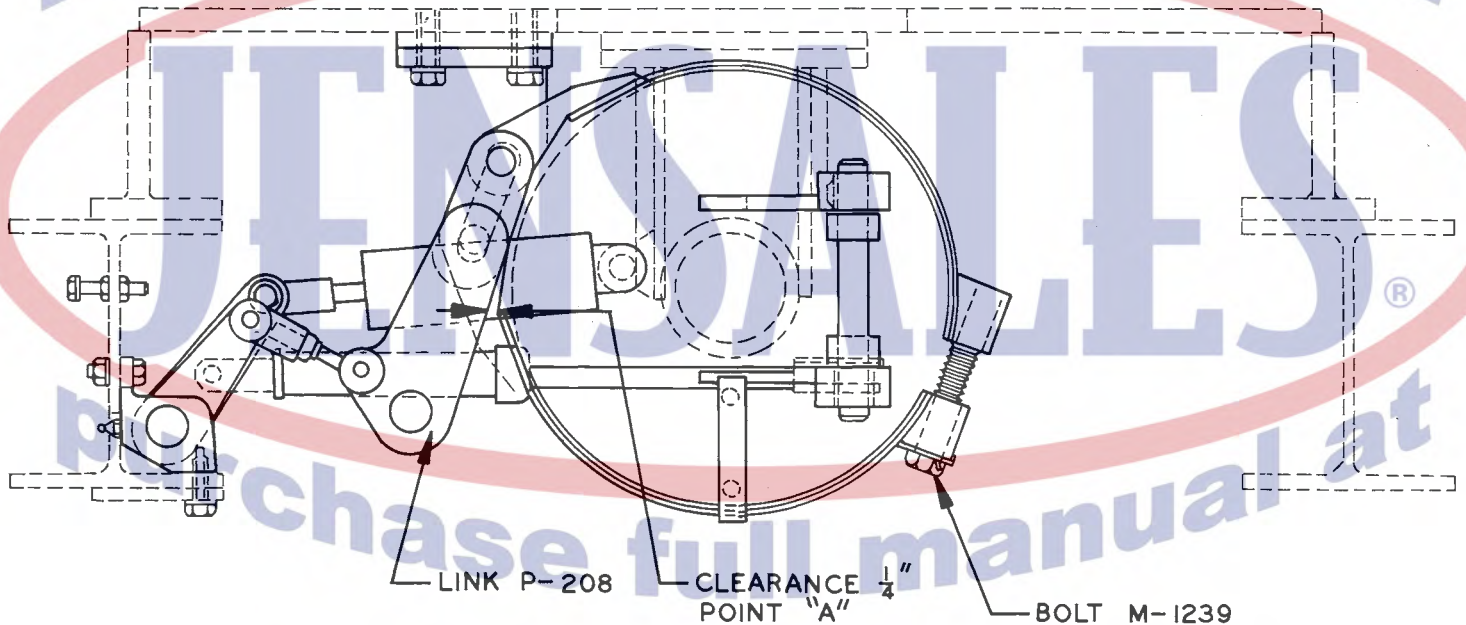


FIGURE 9

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