DROTT Equipment Supplement for 500AI Travelift

Service Manual

S406018M2-B

CASE CONSTRUCTION

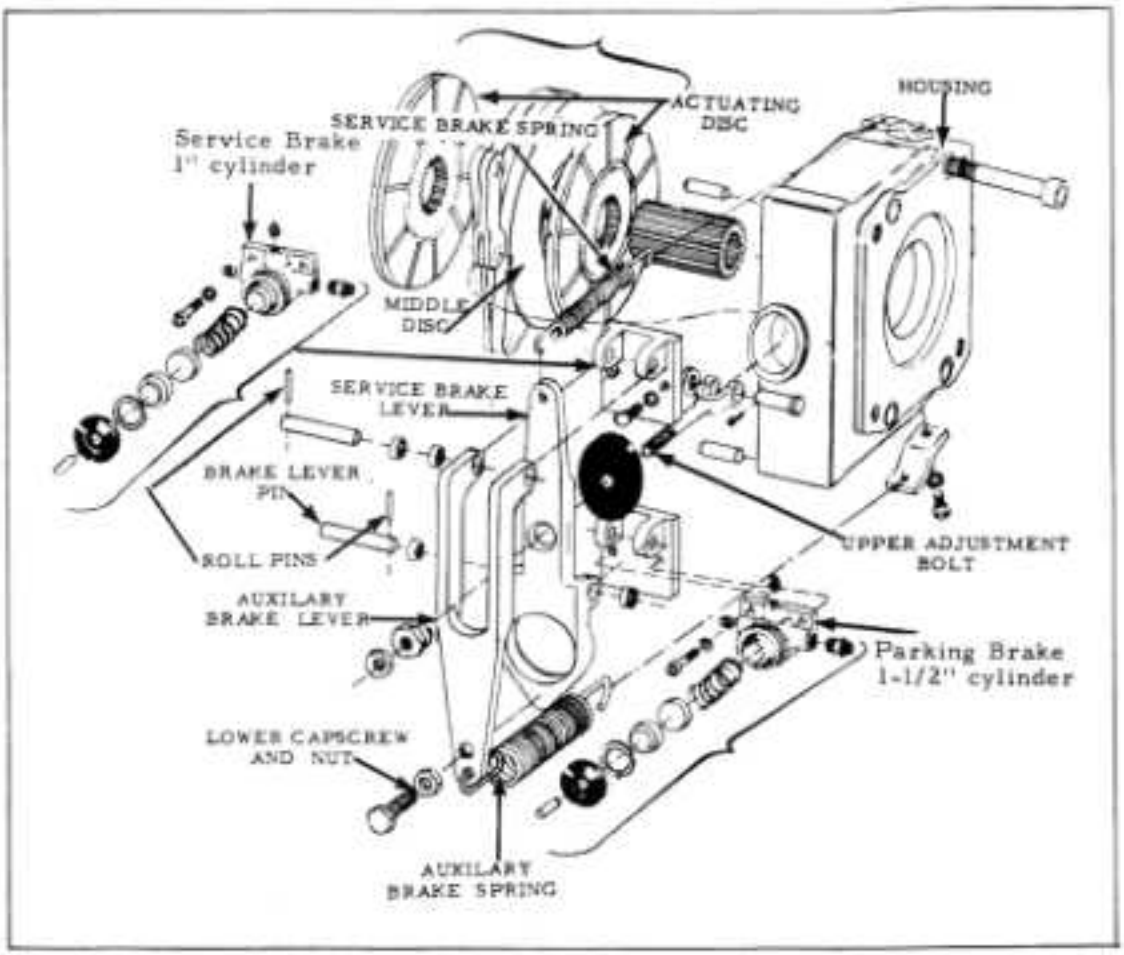
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DRIVE BRAKE ADJUSTMENT
(USED ON 500AI, 650AI, 800AC, 1000AI)

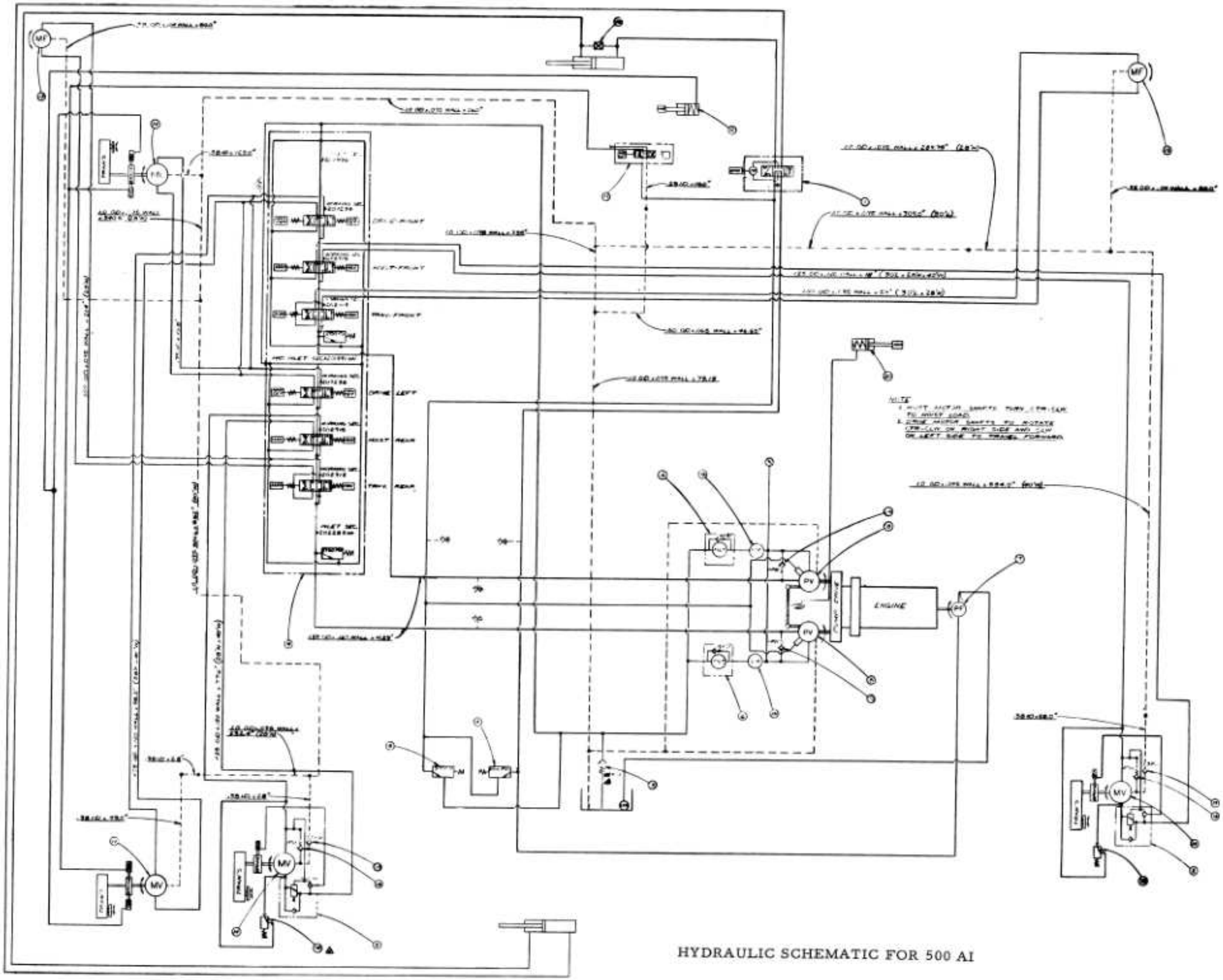
DRIVE BRAKE ADJUSTMENT

1. Loosen 1/2" jam nut on upper adjustment bolt (3/4 OD).
2. Run drive motor at slow rate of speed.
3. Turn 1/2" nut (1" OD) clockwise (or tighten) until drives begin to stall out.
4. Loosen 1/2" nut (1" OD) 1-1/2 turns.
5. Tighten jam nut.
6. Loosen lower capscrew and nut that is installed in auxiliary brake lever (next to spring).
7. With Drives running at slow speed, turn lower screw until you have approximately 1/16 to 1/8 clearance from the end of the bolt to the base of service brake lever.
8. Tighten jam nut.

note

Run engine at full rpm and operate Drive at full speed. If operation becomes jerky or brake housing becomes warm, brake has been set too tight. Loosen 3/4" nut (1" OD) on upper adjustment bolt 1/2 a turn. Tighten jam nut.

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HYDRAULIC SCHEMATIC FOR 500 AI

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