SERVICE MANUAL

522 532C-6
524 534C-6

2460-4145

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522 524 Starting S/N
0177190 thru 0177367
532C-6 534C-6
Starting S/N
0388350 thru 0488237

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SYSTEM SCHEMATIC (TYPICAL)

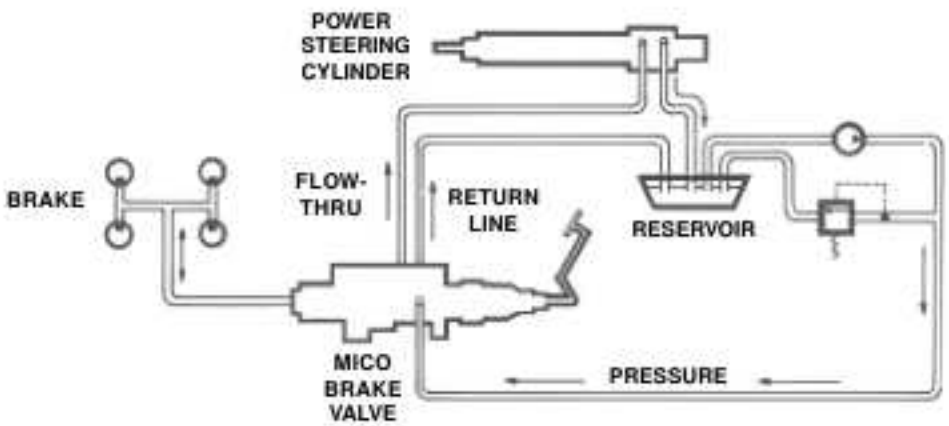


FIGURE 1

PERFORMANCE DATA (Typical)

Flow capacity....See Specification Chart (page 7)
System pressure....0 - 2000 psi
Brake line pressure....See Specification Chart (page 7)
Master cylinder, capacity....3.1 $in.^3$
Push rod travel with power....0.2" (approx.)
Push rod force with power.... 340 lbs. at 1500 psi brake line pressure
225 lbs. at 250 psi brake line pressure (Model 06-460-652 only)
Push rod travel without power....1.844" (approx.)
Push rod force without power....1500 lbs. at 725 psi
518 lbs. at 250 psi (Model 06-460-652 only)

NOTE: Brake system rubber parts (Buna-N) must be compatible with mineral based hydraulic oil.

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MERITOR™

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LEGEND

- MAIN PRESSURE & RETURN LINES
- PILOT LINES
- DRAIN LINES
- ELECTRICAL LINES

12 VOLT BATTERY

FORWARD REVERSE SELECTOR SWITCH

FORWARD

NEUTRAL

REVERSE

INCHING VALVE

FLUSHING VALVE SECTION

FRONT DRIVE MOTOR (DA CONTROL)

DRIVE PUMP (DA CONTROL)

SUCTION FILTER 6 MICRON ABSOLUTE

RETURN FILTER 6 MICRON ABSOLUTE

FILLER/ BREATHER

100 MESH

RESERVOIR (NON-PRESSURIZED)

STABILIZER CYLINDER

REAR AXLE STABILIZER VALVE (532C-6 ONLY)

12 VOLT BATTERY

PARK BRAKE SOLENOID VALVE

BRAKE VALVE

SERVICE BRAKE

PARK BRAKE

SWAY CYLINDER

COUNTERWEIGHT CYLINDER

TILT CYLINDER

AUX.

SWAY

TILT

CROWD

LIFT

3000 PSI

MAIN CONTROL VALVE

JOY STICK

LIFT CYLINDER

CROWD CYLINDER

HYDRAULIC SCHEMATIC

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