

Chapter 1 : JLG HX SERVICE AND MAINTENANCE MANUAL Pdf Download.

Service and Maintenance Manual Model HX May 16, INTRODUCTION - JLG Lift.

Torque Hub Carrier Timing 5. Inspect o-ring grooves in hub 24 and cover 1 for burrs or sharp edges. Dress applicable surfaces as necessary. Inspect all thrust washer and bearing surfaces for damage. Repair or replace as necessary. Inspect all threaded components for damage including stretching, thread deformation or twisting. Inspect planet shafts 15 for scoring or other damage. Align roll pin holes in both shaft 15 and carrier 10 with chamfered portion of shaft hole uppermost. Position new roll pin 16 in hole in carrier 10 and drive pin into hole until end of pin is flush with carrier surface. Repeat steps a through j for remaining two cluster gears. Position internal gear 19 on inner end of output shaft Time carrier cluster gears as follows: Remove piston 7 from end cover 2. Remove o-ring 5 , back-up ring 6 , o-ring 8 and back-up ring 9 from piston 7. Be sure to use the same number of springs and spring pattern as recorded during disassembly. Spring retainer 17 was not used in earlier models. Remove separators 13 from housing Each machine is equipped with a tilt alarm switch, factory set to activate at 3 degrees, which will illuminate a warning light, sound a warning horn and cut out 2 Speed Drive. Consult factory for tilt sensor adjustment. The only field adjustment necessary is leveling the switch on the spring loaded studs. There are two methods of adjustment, a manual adjustment and an adjustment using a voltmeter. Park machine on a flat, level surface. Ensure machine is level and tires are filled to rated pressure. If engine is not running, turn ignition switch to ON. Control Box Components This circuit card operates as follows: A calibrated dc voltage representing the boom angle is sent from the boom angle sensor to the angle cosine circuit. This voltage is converted to the cosine of the angle and presented to the radius generator circuit. A calibrated dc voltage representing the boom length is sent from the boom length sensor to the boom length circuit and presented to the radius generator circuit. This movement is sensed by two independent switches which power two independent control circuit channels. A positive break mechanical limit switch. An inductive proximity switch. Position boom to horizontal. With boom retracted, limit switch and proximity switch are in neutral position. Install five 5 bolts and turntable springs onto turntable. Extend boom in horizontal position until white tape on inner mid boom is fully exposed, no load in platform. Install five 5 nuts and jam nuts on turntable spring bolts. This controller was designed to output from 20 to milliamps through a 17 Q coil using a 12 volt supply. Ohms Law dictates that the Current is always equal Voltage divided by Resistance. If the supply voltage or the coil resistance should change, Ohms Law dictates that the output current must also change which will affect the speed of the function accordingly. Turn function control knob fully CCW Do not go into snail mode. Operate telescope switch and adjust threshold trimpot. Fully turn knob CW operate the telescope switch. Adjust HI range trimpot. With the knob turned fully CW, operate the level switch. Adjust the LO trimpot. Adjust ramp trimpot to provide a smooth start and stop function. The Hi Range would normally be adjusted for full flow maximum function speed of the valve at full handle travel. The LO Range would provide some portion of the Hi Range setting, providing reduced oil flow to the valve, with the knob at full travel.

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Chapter 4 : JLG “ Page 2 ” Download Workshop Service Repair Manual

SECTION 2 - PROCEDURES. - JLG Lift - 7. Install the two (2) extension chain adjusting nuts at the aft end of the base

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boom.. 8. Install the rod support bracket at the aft end of the base boom.

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REVISION LOG A May - Original Issue Of Manual May - Revised June - Revised May - Revised December - Revised November 12, - Revised (Manual edited to Revision 32).

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Page 1. Service and Maintenance Manual Models SX SX SXJ SXJ P/N - July 29, Page 2. Page 3. INTRODUCTION SECTION A. INTRODUCTION - MAINTENANCE SAFETY PRECAUTIONS A feed lines to system components can then be disconnected with minimal fluid loss.

Chapter 9 : Lubrication chart -8 | JLG HX Service Manual User Manual | Page 18 /

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