An Oshkosh Corporation Company

Service and Maintenance Manual

Models

600S

660SJ

PVC 2007

31217170

July 17, 2020- Rev A

ANSI

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AS/NZS

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REMOVAL

1. Remove the hardware securing the pulley belt tensioner assembly (1) to the generator (4) and remove pulley belt tensioner.
2. Remove hardware attaching tapered bushing (2) to the generator pulley (3) and remove tapered bushing and pulley from the generator shaft.
3. Using suitable lifting equipment, adequately support engine assembly weight along entire length.
4. Remove the hardware securing generator (4) to the engine and remove generator from engine assembly.

INSTALLATION

1. Install generator (4) to the engine and secure with hardwares.
2. Install generator pulley (3) and tapered bushing (2) on the generator shaft and secure with hardware.

NOTE: *Ensure that generator pulley is aligned with engine pulley.*

3. Install pulley belt tensioner (1) to generator and secure with hardware.

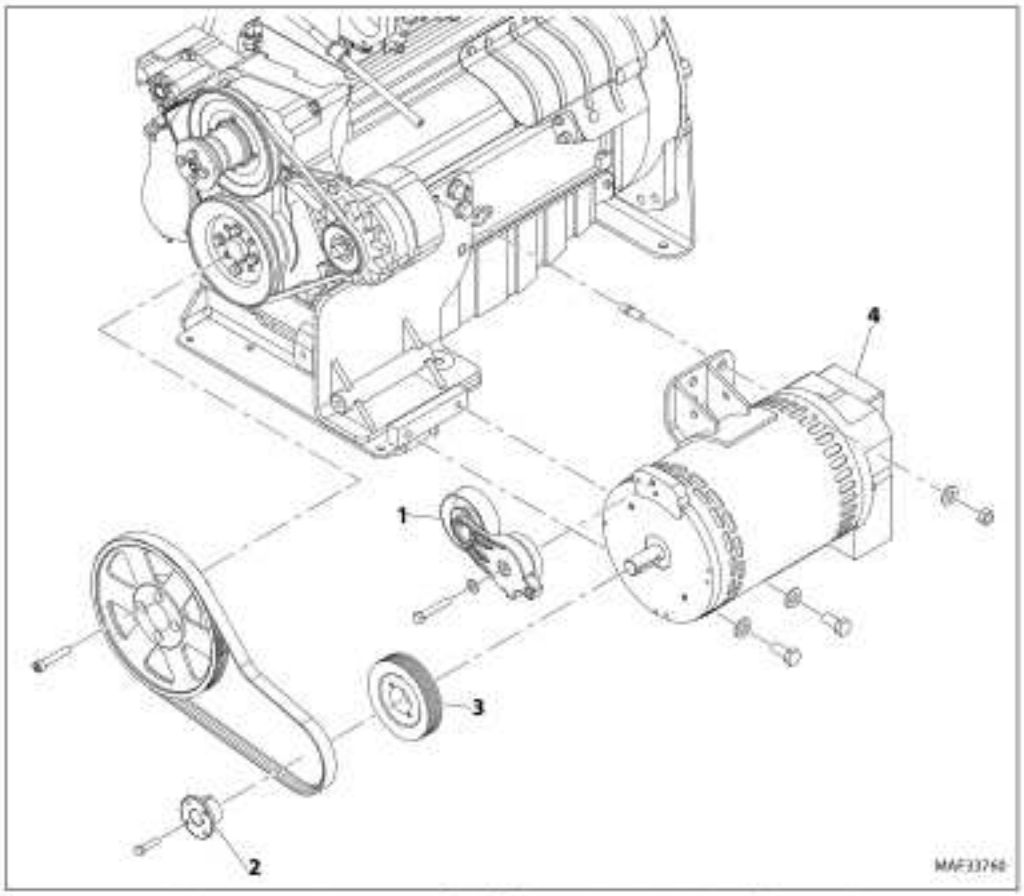
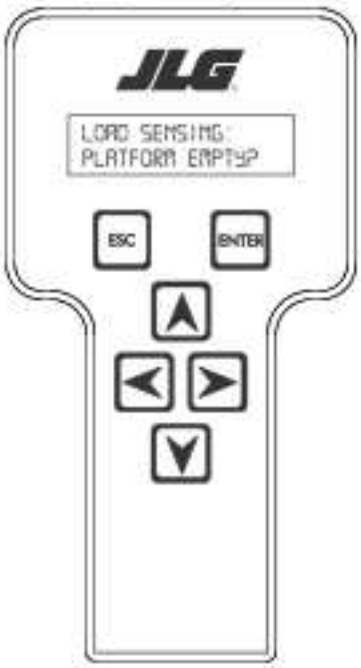


Figure 3-63. Generator and Pulley (7500W Deutz T4I - Skypower)

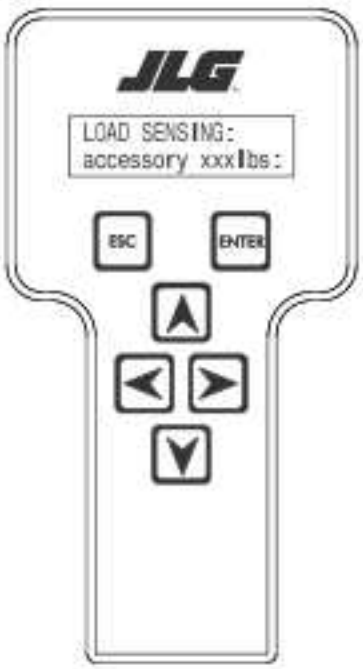
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Pressing the ESC [ESC] key after starting calibration and before calibration is complete will display the CAL FAILED message. This will not disturb the prior calibration information.

7. Press ENTER [ENTER]. The analyzer screen will read:



8. If the platform is empty, press ENTER [ENTER]. The screen will read:



NOTE: *Accessory weight will reset to 0 lbs. each time the machine is re-calibrated and will need to be re-entered.*

NOTE: *The Accessory weight will be temporarily stored in the Control System until calibration has been completed successfully.*

Refer to Table 6-9, Accessory Weights. Use the up and down analyzer keys to enter the accessory weight(s) (in lbs). When all the accessory weights are entered, press ENTER [ENTER]. The screen will read:



Table 6-9. Accessory Weights

Accessory	Weight
SkyWelder (stick welder)	70 lb. (32 kg)
SkyWelder Prep	Prep only = 15 lb. (7 kg) Full install = 70 lb. (32 kg)
SkyCutter (plasma cutter)	70 lb. (32 kg)
SkyCutter / SkyWelder Combo	140 lb. (64 kg)
Fire Extinguisher	45 lb. (20 kg)
Overhead SoftTouch	80 lb. (36 kg)
Operating Surface	20 lb. (9 kg)

NOTE: *Not all Accessories are available on every JLG model. Some Accessory combinations are prohibited due to excessive weight and/or load restriction. If any installed JLG Accessories are labeled with weight decals but are not listed in the table above, include their weight when entering the ACC WEIGHT value.*

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7.10 ELECTRICAL SCHEMATICS

SHEET 2: PLATFORM
Platform Box Harness

SHEET 3: PLATFORM AND BOOM COMPONENTS
LSS Harness 450/400
Boom Control Cable - No Jib,
With Jib, TT
Tele in Prox Switches
Cable, Boom Sensor Cable,
Boom Sensor Harness,
Boom Sensor Cable,
Boom Angle Sensor Cable

SHEET 4: CHASSIS, TURNTABLE
Turntable Harness
UGM Main Ground

SHEET 5: GROUND USER INTERFACE
4WS Main Valve Harness
2WS Main Valve Harness
Ground Control Panel Harness
Platform Valve With Jib
Lift Cylinder Harness

SHEET 6: ENGINE SCHEMATIC DEUTZ - T4I
Deutz T4i Engine Harness
T4i Eng Pos, T4i Eng Neg
Pos Battery, Aux To Aux

SHEET 7: ENGINE SCHEMATIC DEUTZ - T4F
Deutz T4F Engine Harness
T4F Eng Pos, T4F Eng Neg

SHEET 8: ENGINE SCHEMATIC FORD
Ford Engine Harness
Ford Eng Pos, Ford Eng Neg

SHEET 9: OPTIONS
Chassis Head And Tail Lights
Chassis Work Lights, Clear Sky
Skyguard, GEN 2 Platform Interface

SHEET 10: THIS PAGE INTENTIONALLY LEFT BLANK

SHEET 11: NOT APPLICABLE

SHEET 12: GENERATOR

SHEET 13: NOT APPLICABLE

SHEET 14: NOT APPLICABLE

SHEET 15: NOT APPLICABLE

SHEET 16: NOT APPLICABLE

SHEET 17: STAGE V 2.2 ENGINE
ENGINE DEUTZ 2.2 STAGE V

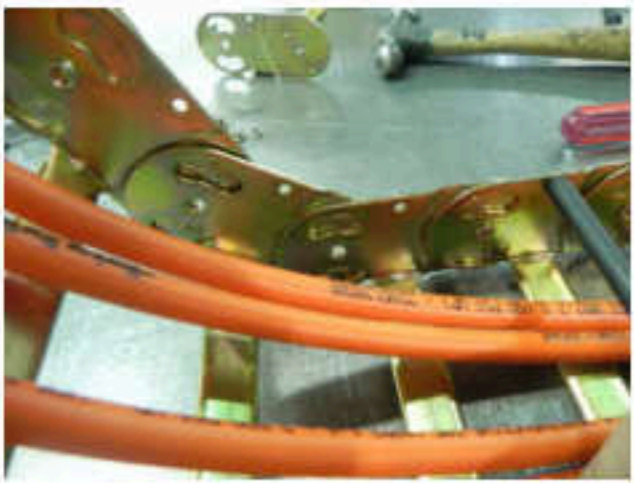
SHEET 1

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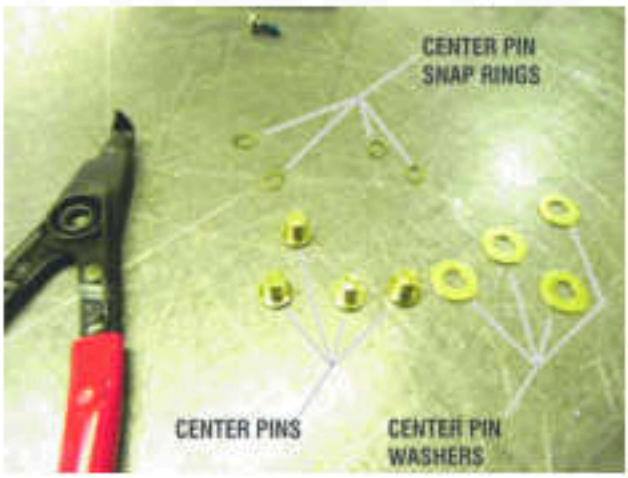
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4. Pull moving end over track so new connection is positioned in curve of powertrack. Round half-shears will rotate into cut-outs.





5. Parts shown below connect new link to powertrack.



6. Push pin through center hole. Slide washer on pin.





7. Install snap ring in groove on pin. Repeat pin installation steps for all center holes with rivets removed.

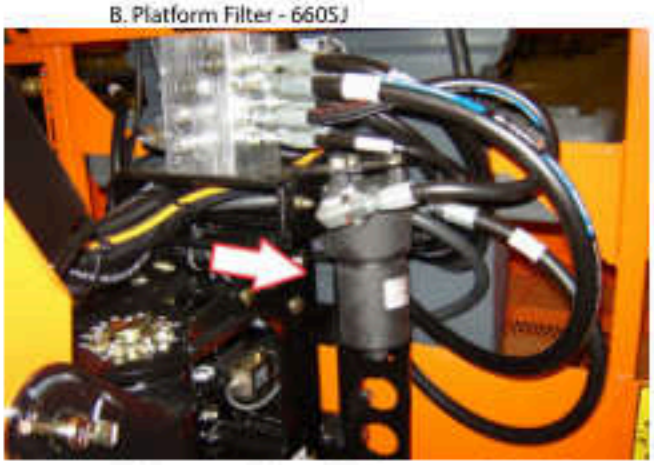


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19. A. Platform Filter - 600S

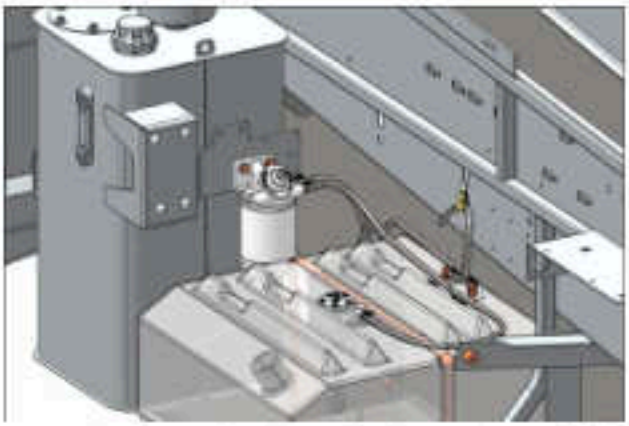


B. Platform Filter - 660SJ



Lube Point - Replaceable Element
Interval - Change after first 50 hours and then every year or 600 hours of operation, whichever comes first.

20. Optional Fuel Filter - Deutz D2011 - China Market



Lube Point(s) - Replaceable Element (optional fuel filter)
Interval - Drain water daily; Every year or 600 hours of operation.

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