

# FLAT RATE GUIDE

<b>John Deere</b>		<b>Series: 60 Series STS</b>	
<b>Models: 9560STS, 9660STS, 9760STS, 9860STS</b>			
<b>Engine:</b>			
Engine:	6-496		
R&R Cylinder Head / Gasket	10.0		
Overhaul Cylinder Head	14.9		
R&R Engine	13.0		
R&R Short Block	27.5		
Overhaul Complete**	43.6		
R&R Piston - 1	31.7		
R&R Rear Main Seal	14.4		
R&R Front Seal	14.5		
R&R Rod Bearing - All	17.6		
R&R Crank and Bearings	17.2		
R&R Camshaft	18.0		
R&R Oil Pump	14.4		
R&R Water Pump	3.6		
R&R Radiator	3.9		
R&R Turbo	2.7		
<b>Fuel System:</b>			
R&R Injection Pump	2.6		
R&R Injector - 1	0.8		Each additional add 0.25
<b>Electrical:</b>			
R&R Alternator	0.4		
R&R Starter	0.9		
<b>Power Train:</b>			
Overhaul Transmission	10.5		
R&R Transmission shift forks	4.2		
Overhaul final drive (Include Ring / Pinion)	5.3		
R&R Hydraulic pump	3.3		
R&R Hydraulic motor	2.1		
R&R Cam Lobe Rear Wheel Motor - 1	3.1		For 2 add 2.1 hours
<b>Steering:</b>			
Overhaul Steering Hand Pump			
Overhaul Steering Cylinder	0.6		
<b>Brakes:</b>			
Overhaul Master Cylinder	2.0		
Renew Brakes - 1	0.9		
<b>Hydraulics:</b>			
R&R Main Hydraulic Pump	1.4		
R&R & Overhaul Relief Valve Assembly	2.1		
R&R / Overhaul Header Lift Valve	3.0		
<b>Chassis:</b>			
R&R Feeder House	4.5		
R&R Feeder Chain	1.5		
R&R Feeder Chain Slat - 1	0.4		All 3.4
R&R Feeder House Floor	5.2		
R&R Feeder House Conveyor Drive Shaft	6.0		
R&R & OH Reverser Gear Case / Planetary	7.5		
R&R Feeder House Var. Drive Countershaft	3.0		
R&R & OH Reverse Gear Case / Shaft	5.8		
R&R Stone Trap & Door	5.3		
R&R Feed Accelerator & Shaft	10.5		
R&R STS Rotor Front Bearing	8.0		
R&R STS Rotor	17.0		
R&R / Torque Sensing - Driven	3.5		
R&R & OH Torque Sensing - Driven	7.0		
R&R Rotor Drive Gear Case	6.0		
R&R & OH Drive Gear Case	10.5		
R&R Separator Grates	2.0		
R&R Concave Adjusting Motor	1.0		
R&R Concave Section	1.0		Add 1.0 for front section

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\*\* OVERHAUL COMPLETE-OUT OF FRAME, R&R ALL COMPONENTS AND REPLACE AS NECESSARY, INCLUDES RENEWING CYLINDER HEAD, DOES NOT INCLUDE MACHINE WORK TO BORE BLOCK OR TURN CRANKSHAFT

\*\* ALL TIMES FOR OVERHAUL OPERATIONS INCLUDE TIME FOR R&R.

