

Quick Setup List

Model: _____ Serial Number: _____

Setup Procedures		Technician Sign-off	Warranty
1	<input type="checkbox"/> Uncrate the unit.	_____	[]
2	<input type="checkbox"/> Connect the battery cables.	_____	[]
3	<input type="checkbox"/> Raise the roll bar.	_____	[]
4	<input type="checkbox"/> Install the roll bar safety decals (export models only).	_____	[]
5	<input type="checkbox"/> Check/Fill the engine oil level.	_____	[]
6	<input type="checkbox"/> Check/Fill the engine coolant level.	_____	[]
7	<input type="checkbox"/> Check/Fill the transmission oil level.	_____	[]
8	<input type="checkbox"/> Check tire pressures.	_____	[]
9	<input type="checkbox"/> Check the mower blade bolt torque.	_____	[]
10	<input type="checkbox"/> Check the short right hand deck belt.	_____	[]
11	<input type="checkbox"/> Check the long left hand deck belt.	_____	[]
12	<input type="checkbox"/> Check _____ wheel lug nuts & axle hub nut	_____	[]
13	<input type="checkbox"/> Check the deck lift rod timing.	_____	[]
14	<input type="checkbox"/> Check and level the mower deck.	_____	[]
15	<input type="checkbox"/> Lubricate all grease and oil points.	_____	[]
16	<input type="checkbox"/> Check/Add fuel.	_____	[]
17	<input type="checkbox"/> Start the engine.	_____	[]
PERFORM THE SAFETY CHECKS			
18	<input type="checkbox"/> Check for <u>LOOSE HARDWARE</u> .	_____	[]
19	<input type="checkbox"/> Check all <u>OPERATOR CONTROLS</u> .	_____	[]
20	<input type="checkbox"/> Perform <u>SAFETY INTERLOCK SYSTEM CHECK</u> .	_____	[]
Register Product			
21	<input type="checkbox"/> To register the product: log onto www.thepowerportal.com , select the appropriate brand, click "Sales & Marketing", select the "Product Registration" link, and then select "New Product Registration". Fill out and submit the online product registration form.	_____	[]

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- 1-4 - Self-explanatory.
- 5 - Make sure you use the proper oil recommendations according to starting temperatures.
- 6 - Use the proper engine coolant.
- 7 - Use the proper hydraulic oil for the drive system. Mobil One 15W-50 or Castrol Syntec 5W-50 Synthetic Motor Oil.
- 8 - Front tire pressure 25psi, rear tire pressure 15psi.
- 9 - Torque blade bolt to 120-135 ft-lbs. Blade bolt wrench size is 15/16". Spindle pulley taper lock bolt torque is 108 in-lbs.
- 10 - Spring tension length is 6 3/8" (+/- 1/8").
- 11 - Set main deck belt tension with deck set at 3 1/2". Spring tension length is 10 1/4" (+/- 1/8").
- 12 - Check/adjust suspension spring pre-load for operator comfort. Rear tires will need to be removed to adjust the rear shocks. Torque tire lug nuts to 90-95 ft-lbs. Torque axle hub nut to 200 ft-lbs PLUS rotation to align cotter pin.
- 13 - Check inner rod, bolt center to bolt center, and compare to inner lift pivots. (1/8" variance rod to pivot & left side to right side.) Repeat for the shorter outer rods.
- 14 - Check the deck level at 4" and blades facing front to back. Front should measure 4" from level/flat surface to blade tip, rear is 4 1/4".
- 15 - Particularly ensure that the front wheels, front casters and spindles are well greased. If they were not greased, please file a warranty claim.
- 16 - Use ultra-low sulfur fuel only. Please refer to engine manufacturer's manual for specific recommendations.
- 17 - Do not crank the engine continuously for more than 30 seconds.
- 18 - Generally, check over the machine for loose hardware.
- 19 - Adjust seat for the operator's comfort. Check/adjust ground speed, speed balance and neutral position. Check/adjust parking brake. With parking brake engaged, compressed spring length is 2 1/8".
- 20 - Perform safety interlock system tests.
 - 1) No crank - PTO engaged, parking brake not engaged, or ground speed control levers not in neutral.
 - 2) Engine crank - PTO not engaged & parking brake engaged & ground speed controls in neutral.
 - 3) Engine shutdown - operator comes off seat with PTO engaged, operator comes off seat with parking brake disengaged or ground speed control moved before releasing parking brake.
 - 4) Blade brake check - mower blades and belt should come to a complete stop within seven seconds.
- 21 - Check "Model Search" on the Power Portal for any bulletins. Register the machine there also. Be sure to register the CAT engine also.