

## Wheel Loader Startup Shutdown

Date:	Time:	Operator/Inspector:
Serial Number:	Machine Hours:	

For more information, please refer to the Operation and Maintenance Manual or any other applicable

Was procedure step completed properly?	✓	Remarks
<b>STARTING THE MACHINE</b>		
Perform walk around inspection	<input type="checkbox"/>	
Mount the machine using 3 points of contact	<input type="checkbox"/>	
Turn the battery disconnect switch to ON (if equipped)	<input type="checkbox"/>	
Engage the parking brake	<input type="checkbox"/>	
Adjust seat, adjust mirrors, fasten seat belt	<input type="checkbox"/>	
Move direction control lever into neutral	<input type="checkbox"/>	
Ensure all implements are grounded	<input type="checkbox"/>	
Move the attachment control levers to HOLD	<input type="checkbox"/>	
Ensure all personnel are clear of machine	<input type="checkbox"/>	
Sound horn	<input type="checkbox"/>	
Use ether start aid switch if necessary (per OMM)	<input type="checkbox"/>	
Turn key start switch to ON	<input type="checkbox"/>	
Perform startup test or observe monitoring system self-test (if applicable)	<input type="checkbox"/>	
Turn key start switch to START. Crank engine	<input type="checkbox"/>	
<b>MACHINE WARM UP</b>		
Allow machine to warm up (per OMM)	<input type="checkbox"/>	
Engage and disengage attachment controls to help speed warm-up of hydraulic components	<input type="checkbox"/>	
Cycle all controls to allow warm oil to circulate through all hydraulic cylinders and lines	<input type="checkbox"/>	
Perform steering, service brake, and parking brake operation checks (per OMM by machine model)	<input type="checkbox"/>	
Check secondary steering operation (if equipped)	<input type="checkbox"/>	
Check gauges, indicators, and action light frequently	<input type="checkbox"/>	
<b>MOVING THE MACHINE</b>		
Ensure area is clear	<input type="checkbox"/>	
Raise all lowered implements	<input type="checkbox"/>	
Depress service brake pedal	<input type="checkbox"/>	
Release the parking brake	<input type="checkbox"/>	
Move transmission control lever to desired direction	<input type="checkbox"/>	
Release service brake pedal and depress accelerator pedal	<input type="checkbox"/>	
<b>MACHINE SHUT DOWN</b>		
Park the machine on smooth level area	<input type="checkbox"/>	
Set parking brake	<input type="checkbox"/>	
Lower all hydraulic implements	<input type="checkbox"/>	
Run engine at low idle for 5 minutes to allow engine to cool	<input type="checkbox"/>	

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|--|--------------------------|
| Turn key start switch to OFF and remove key  | <input type="checkbox"/> |
| Dismount machine using 3-point contact   | <input type="checkbox"/> |
| Block wheels and remove disconnect switch key if parking for extended period (per OMM) | <input type="checkbox"/> |
| Drain water from air tank, if equipped   | <input type="checkbox"/> |
| Conduct post-operation walk-around inspection  | <input type="checkbox"/> |