

Motor Grader 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 manuals and instructions.

Was procedure step completed properly?	✓	Remarks
STARTING THE MACHINE...		
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	<input type="checkbox"/>	
Fasten seat belt	<input type="checkbox"/>	
Make sure all implements are grounded	<input type="checkbox"/>	
Engage the parking brake	<input type="checkbox"/>	
Move the attachment control levers into HOLD	<input type="checkbox"/>	
Make sure all personnel are clear of the machine	<input type="checkbox"/>	
Turn the key start switch to ON	<input type="checkbox"/>	
Perform start-up test on EMS	<input type="checkbox"/>	
Turn the key start switch to START...Crank engine	<input type="checkbox"/>	
MACHINE WARM-UP...		
Allow machine to warm-up for 5 minutes as low idle	<input type="checkbox"/>	
Engage and disengage attachment controls	<input type="checkbox"/>	
Cycle all controls to allow warm oil to circulate through all cylinders and lines	<input type="checkbox"/>	
Check gauges and action lights frequently	<input type="checkbox"/>	
Perform second part of EMS start-up test	<input type="checkbox"/>	
MOVING THE MACHINE...		
Make sure are is clear of personnel and obstructions	<input type="checkbox"/>	
Raise all lowered implements	<input type="checkbox"/>	
Depress service brake pedal	<input type="checkbox"/>	
Release parking brake	<input type="checkbox"/>	
Move transmission control to desired direction and gear	<input type="checkbox"/>	
Release service brake pedal, check for proper operation	<input type="checkbox"/>	
Release transmission modulator pedal	<input type="checkbox"/>	
Push down on accelerator	<input type="checkbox"/>	
MACHINE SHUT DOWN...		
Park machine on smooth, level area	<input type="checkbox"/>	
Set the parking brake	<input type="checkbox"/>	
Lower and lock all hydraulic implements	<input type="checkbox"/>	
Allow engine to run at LOW IDLE for 5 minutes	<input type="checkbox"/>	
Turn key start switch to OFF and remove key	<input type="checkbox"/>	
Dismount machine using 3-point contact	<input type="checkbox"/>	

Conduct post-operation walk around inspection

Turn battery disconnect switch to OFF