



Start-Up and Shut Down Procedures: Demolition Hydraulic Excavators

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

What are you inspecting?	<input checked="" type="checkbox"/> Evaluator Comments
For more information, please refer to the Operation and Maintenance Manual or any other applicable manuals and instructions for this product. If you have questions, please contact your local Caterpillar dealer.	

STARTING THE MACHINE

Perform walk around inspection	
Mount the machine using 3 points of contact	
Turn the battery disconnect switch to ON	
Disengage the hydraulic lockout control	
Adjust seat, fasten seat belt	
Make sure all implements are grounded	
Move the joysticks to HOLD position	
Make sure all personnel are clear of machine	
Set the throttle control to LOW IDLE	
Turn the key start switch to ON	
Perform pre-start checks on the monitor	
Turn the key start switch to START and crank engine	

MACHINE WARM-UP

Check gauges and warning lights to ensure readings are in normal operating range	
Allow machine to warm up for 5 minutes at low idle	
Engage hydraulic lockout control	
Engage and disengage implement controls to help speed warm-up of hydraulic components	
Cycle all controls to allow warm oil to circulate through all cylinders and lines. Verify all controls are functioning properly	
Continue to monitor gauges and warning lights	

MOVING THE MACHINE

Make sure area is clear	
Sound horn to warn others	
Raise lowered implements	
Make sure position of upper structure and undercarriage is known before moving machine	
Turn engine speed dial to increase RPM to desired speed	
Push travel levers or pedals forward to travel forward	

MACHINE SHUT DOWN

Park machine on smooth, level area	
Lower all hydraulic implements	
Set the hydraulic lockout control	
Move throttle control to LOW IDLE and run 5 minutes	
Turn key start switch to OFF and remove key	
Turn battery disconnect switch to OFF	
Dismount machine using 3-point contact	
Conduct post-operation walk around inspection	

[HTTP://SAFETY.CAT.COM/CHECKLISTS](http://SAFETY.CAT.COM/CHECKLISTS)

V0611.3