



Basic Operating Procedures: Towed Scraper

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Operator/Inspector _____ Date _____ Time _____

Serial Number _____ Machine Hours _____

Was procedure step completed properly?	<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.		

PRE-OPERATION WALK-AROUND

Check hydraulic sight gage on tractor-fluids should be visible		
Check for leaky fluids beneath tractor in the squat position-DO NOT GO UNDERNEATH EQUIPMENT		
Check couplers on the valve block-they must be properly plugged in for optimal performance		
Check shims on (800 series only). Make sure they are securely fastened.		
Make sure all bolts are fastened securely		
Remove any dirt slabs that may be on the tires.		
Clean all windows of the tractor for visibility		
Briefly look over router bits and cutting edges for maximum performance		

STARTING THE 800/900 CHALLENGER

Make sure master switch is ON!		
Depress the tractor brake and turn key.		
Check monitor for WARNINGS		

MACHINE WARM-UP

Operate the engine at LOW IDLE for 5 minutes to warm-up the machine.		
Cycle all controls to allow warm oil to circulate through all hydraulic cylinders and lines.		
Check gauges and action lights frequently.		
Check brakes before moving		

MOVING THE MACHINE

Make sure all personnel are clear of the machine.		
Check for adequate clearance around the machine.		
Raise the bowl(s)		
Depress and hold the service brake pedal.		
Check gages for any last minute WARNING signs.		
Engage the transmission shifter- When in FWD. Start off in gears (1-4)		
Click the hand shifter transmission control to appropriate gear speed.		
Release the service brake pedal.		
Check gauges and action lights frequently.		

MACHINE SHUT DOWN

Park the machine on a smooth, level area.		
Move the transmission control lever to the PARKED position-to the right of console!		
Lower transmission idle with hand held lever		
Turn off all lights		
Lower the bowl and place all hydraulics in 'float' mode		

TRACTOR ENGINE SHUTDOWN and SCRAPER ENGINE SHUTDOWN

Allow engine to cool for 5 minutes before turning it off		
Depress electric shut-off		
Turn the tractor engine start switch to OFF and remove the key.		
Dismount the machine using 3-point contact and turn master switch to off		

WALK-AROUND INSPECTION

Conduct post-operation walk-around inspection.-Repeat Pre-operation inspection		
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