

## PowerRake 2.0 SCHEDULED LUBRICATION & MAINTENANCE

SERVICE ITEM  Perform at every indicated month or operating hour interval, whichever comes first.	SERVICE INTERVAL IN MACHINE HOURS						PAGE REFERENCE	LUBRICANT
	EACH USE	EVERY MONTH	EVERY 3 MONTHS	EVERY 6 MONTHS	EVERY YEAR	EVERY 2 YEARS		
Check engine oil level	✓						ENGINE MANUAL	EO
Change engine oil			✓				ENGINE MANUAL	EO
Check air filter	✓						ENGINE MANUAL	
Clean air filter			✓				ENGINE MANUAL	
Replace air filter					✓		ENGINE MANUAL	
Replace oil filter				✓			ENGINE MANUAL	
Clean sediment cup				✓			ENGINE MANUAL	
Clean-readjust spark plug				✓			ENGINE MANUAL	
Replace spark plug					✓		ENGINE MANUAL	
Check-adjust idle speed					✓		ENGINE MANUAL	
Check/readjust valve clearance					✓		ENGINE MANUAL	
Clean fuel tank and strainer					✓		ENGINE MANUAL	
Check fuel line	Every 2 years (Replace if necessary)						ENGINE MANUAL	
Check fuel level	✓						ENGINE MANUAL	
Check hitch tube wear/shim			✓				20.40	
Inspect electrical wiring				✓				
Clean oil cooler core exterior			✓				C.3.1	
Check oil cooler hoses					✓		C.3.1	

### DEFINITIONS:

- EO - ENGINE CRANKCASE OIL
- HYDO - HYDRAULIC OIL
- MPGM - MULTIPURPOSE TYPE GREASE WITH MOLYBDENUM DISULFIDE
- OGL - OPEN GEAR LUBRICANT

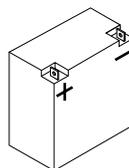
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Check hydraulic oil level	✓						C.3.1	HYDO
Change hyd. oil filter (return line)					✓		C.3.2	
Change hyd. oil in reservoir					✓	✓	C.3.3	HYDO
Check hydraulic hoses					✓			
Check wheel lug nut tightness				✓				
Grease oscillating hitch tube			✓				20.40	
Grease cylinder ends		✓						

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## Battery Charging Recommendation:



**Cycle Applications:** Limit initial current to 8.4 Amps. Charge until battery voltage (under charge) reaches 14.7 volts 68°F (20°C). Hold at 14.7 volt until current drops to approximately 280mA. Battery is fully charged under these conditions, and charger should either be disconnected or switched to "float" voltage

**"Float" or "Stand-by" Service:** Hold battery across constant voltage source of 13.5 to 13.8 volts continuously. When held at this voltage, the battery will seek its own current level and maintain itself in a fully charged condition.

The recommended chargers for these batteries are:

Power Sonic Models -

**PSC-124000A**

**PSC-124000A-C**