

ENGINE MAINTENANCE GUIDELINES

500V SERIES FRONTMOUNT™ UNITS



This is intended as a general reference guide. Consult your engine manual for complete service details.
500V SERIES USES VERTICAL CRANKSHAFT, OHV, PRESSURE LUBE/FILTER ENGINES

AIR-COOLED MODELS, VERTICAL SHAFT, V-TWIN, GASOLINE

500V Series Model 524V-42 (24 hp – 724 cc) – B&S Commercial Turf Series
500V Series Model 525V-42 (25 hp – 724 cc) – B&S CXi Series
500V Series Model 526V-52 (26 hp – 810 cc) – B&S Vanguard

Engine Oil:

Break-in change oil & filter: 5 Hours, then:

Oil Change Intervals:

524V-42, 525V-42: Every 50 hours
526V-52: Every 100 hours*

**In severe conditions, such as high heat or heavy dust & debris, reduce change interval to 50 hours.*

Oil Type:

API Service Class: SJ or higher

Oil Filter Order Number:

100803

Oil Capacity (all):

2 quarts (1.9 liters)

Viscosity Recommendations:

SAE 30 wt. (above 40° F); 10W-30 (0° – 100° F)

For extreme hot or cold operating temperatures, see engine manual for other viscosity recommendations.

Air Filters: See engine owner's manual for proper cleaning procedures and replacement intervals.

B&S Commercial Turf, B&S CXi: 100919 cyclonic-style cartridge

B&S Vanguard: 100937-inner element; 100936-outer element

SEE ENGINE OWNERS MANUAL FOR PROPER CLEANING PROCEDURES AND REPLACEMENT INTERVALS FOR AIR FILTRATION SYSTEMS

CAUTION: Use OEM filters only. Some aftermarket filters do not have adequate sealing characteristics and may have irregular dimensions or specifications in their filter-media composition. An incorrect size filter allows contaminants into the engine's system, voiding warranty and possibly resulting in engine damage or failure.

Spark Plugs & Fuel Filter Information	
	Vanguard & Commercial Turf & CXi Series
Spark Plugs (Check at 100 hours)	Champion RC12YC
Fuel Filter (Replace annually)	366560

Contact Information:

Your Grasshopper dealership should always be the first place to call with questions about your Grasshopper.

To contact engine manufacturers directly, try calling:

Briggs & Stratton: 800-233-3723



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