

# ENGINE MAINTENANCE GUIDELINES – FRONTMOUNT™ UNITS

This is intended as a general reference guide. Consult your engine manual for complete service details.

## AIR-COOLED MODELS, HORIZONTAL CRANKSHAFT, V-TWIN, OHV, PRESSURE LUBE/FILTER, GASOLINE

Kohler Models: Command (618, 718K, 718KH2, 620T); Command Pro (623T, 723KH2, 723T, 725KT, 727K, 727T6); Command Pro EFI (727T EFI)

B&S Models: Vanguard (614, 616, 616T); Vanguard Big Block (729BT, 735BT, 937 EFI)

**Engine Oil:** API Service Class: SG or higher

**Oil Change Intervals:** Break-in period before 1<sup>st</sup> oil change: 5 Hrs, then Kohler and B&S Vanguard Big Block models every 100 hours or yearly\*  
(B&S Vanguard models – every 50 hrs)

**Viscosity Recommendations:** Check engine oil level daily

Kohler Command: 10W-30; B&S – all models: 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.*

**Oil Filter Order Number:** Kohler models: 100802; B&S models: 100803

**Engine Oil Capacity:** B&S Vanguard: 1.75 quarts (1.66 liters); B&S Vanguard Big Block: 2.5 quarts (2.4 liters); Kohler models: 2 quarts (1.9 liters)

**Air Filters – Air-cooled Models:** See engine owner's manual for proper cleaning procedures and replacement intervals.

B&S Vanguard: 100921-Pre-cleaner; 100920-Paper element. Vanguard Big Block: 100937-inner element; 100936-outer element

Kohler (Models 618, 718K, 718KH2, 720K, 725K: 100929-Pre-cleaner; 100928-Paper Cartridge.

Kohler (Models 620T, 623T, 723T, 727T6, 727T EFI) 100937-inner element; 100936-outer element

## LIQUID-COOLED MODELS, HORIZONTAL CRANKSHAFT, 3-CYLINDER, OHV, PRESSURE LUBE/FILTER – GASOLINE

Kubota Models: 725, 725G2, 729, 729T, 932

**Engine Oil - API Service Class:** SH or higher:

**Oil Change Intervals:** Break-in period before 1st oil change: 50 hours, then 25 hp & below: 100 hours\*; above 25 hp: 200 hours\*\*

**Oil Filter Order Number:** 100800

**Oil Capacity:** WG752 engine (725, 725G2): 3.4 quarts (3.2 liters); WG972 engine (729, 729T, 932): 3.6 quarts (3.4 liters)

## LIQUID-COOLED MODELS, HORIZONTAL CRANKSHAFT, 3-CYLINDER, OHV, PRESSURE LUBE/FILTER – DIESEL

Kubota Models: 721DH2, 721DT, 722D, 725DT, 928D, 900D 1.3L, 930D

**Engine Oil - API Service Class:** CD or higher:

**Oil Change Intervals:** Break-in period before 1st oil change: 50 hrs, then Models 721DH2, 722D, 725DT: 100 hrs\*; 928D, 900D 1.3L & 930D: 200 hrs\*\*

**Oil Filter Order Number:** For 721DH2, 721DT, 722D, 725DT: 100800; For 928D, 900D 1.3L, 930D: 100805

**Engine Oil Capacity:** D722 engine (721D/H2/T): 3.4 quarts (3.2 liters); D902 engine (722D, 725D): 3.9 quarts (3.7 liters); D1105 engine (928D): 5.4 quarts (5.1 liters); D1305 engine (900D 1.3L, 930D): 5.4 quarts (5.1 liters)

**Viscosity Recommendations – Liquid-cooled Models:** Check engine oil level daily

Above 77°F (25° C) SAE 30 or 10W-30; 32° (0° C) to 77° F (25° C) SAE 20 or 10W30; Below 32° F (0° C) SAE 10 or 10W30

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

**Antifreeze:** 1). For Kubota engine models with serial no. 5036937 & above, use only ethylene glycol **Dexcool Extended Life** formulas; use of standard ethylene glycol (non-extended life) will void the extended life properties of the antifreeze. Kubota engines with serial no. 5036836 and below and all Kawasaki engines, use standard green ethylene glycol. 2). Don't add straight water or antifreeze to the radiator. **Always premix 50% antifreeze and 50% water unless solution is purchased pre-mixed.** Drain & change coolant every 3 to 5 years. 3). Do not use propylene glycol. 4). Use refractometer for accurate freeze protection measurements. 5). **Check coolant level DAILY.**

**Air Filters – Liquid-cooled Models:** See engine owner's manual for proper cleaning procedures and replacement intervals.

721DH2, 721DT, 725G2: Plastic canister models (5600000 & newer): 100942-outer element; 100943-inner element

721D, 721DH2 (5599999 & older), 721D2, 721G2, 725G2: Metal canister models: 100940-single filter

928D, 900D 1.3L, 930D, 932 (5500000 & newer) & 722D, 725DT, 729, 729T: Plastic canister: 100936-outer element; 100937-inner element

928D, 932: (5499999 & older): Metal canister: 100939-single filter

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.

\* Reduce to 50 hours in high heat or heavy dust & debris conditions. \*\* Reduce to 100 hours in high heat or heavy dust & debris conditions.

Other Items	Kohler	Kubota		Briggs & Stratton
Contact:	Hotline: 800-544-2444	Engine Div: 847-955-2500		Hotline: 800-743-4115
Spark Plugs (Check at 200 hours)	Champion RC12YC	KU 1130 (325); NGK-BKR4E (329, 432)		Champion RC12YC
Fuel Filter – Replace:	101001	Gas Models	Diesel Models	
Gas: Annually Diesel: 200 hrs.		101005	101000 & 101005 – All 22 hp & 725DT6 (6614449 & below) 101004 – All 900 Series & 721DT (6700000 & above) & 725DT6 (6614450 & above)	