

Universal/Kubota Engines

Most know that the Universal brand engines in our Catalina 36 sailboats are 'mariner-ized' Kubota Tractor Engines but there is a twist when ordering parts from directly from Kubota. Kubota parts dealers have parts catalogued by TRACTOR model types and it is there for necessary to know model number of the TRACTOR the engine was used in.

Glow Plugs As used in Kubota Tractor engines: NGK# Y-103V; Tractor Type: B9200 (or B2150?)

Engine Block: Universal M-35A is a Kubota Block V1200 (B-5)

Fuel Filters:

- UNIVERSAL 298854
- PUROLATOR PER-262F
- NAPA 3390
- KUBOTA 70000-43081, 15221-43170
- WIX 33390
- BALDWIN BF940

Oil Filters:

- UNIVERSAL 300209
- NAPA 1334* (Preferred, Gold Line Only)
- NAPA 1356 (1/2" SMALLER)
- KUBOTA 70000-15241
- FRAM PH-3593-A
- FRAM TG3593A (Tough Guard)
- NAPA 1064
- MOTORCRAFT FL-799
- AC PF-57
- LEE LF-2808
- PUROLATOR PER-4620
- WIX 51334* (Preferred)
- BALDWIN B179
- K&N Type HP1004 * (Best, Expensive but Much Preferred) (Have 1" nut on bottom for easy removal)

Belts; 40 inches long

- Discount Auto Parts 40013
- Napa 3VX400
- Dayco top cog type; 15400 * Preferred

Electric Fuel Pump type; Facet/Puralator #47 64 59 'Gold-Flo' Fuel Pump (This fuel pump is also used in light aircraft. Check prices with a company called 'Aircraft-Spruce' for Lowest price.)

Fuel Pump Screen for above is NAPA 810-1086

Racor Diesel Fuel Filters; 2 Microns on Engine or primary; 20/30 Microns on Water Separator

Water Pump; Oberdorfer #N202M-908 DKE (Order from Pumps & Parts on Line, St. Louis, MO)

Impeller replacement Kit #

Heat Exchanger #LE 30 26 31 (About \$350.00 at Lenco Inc. North Amityville, LI, NY [631-842 -4049](tel:631-842-4049))

Heat Exchanger Zinc; Not longer than 1 inch

Drive Shaft zinc is 1 inch

Water Heater; Whale/Atwood type S-600

Bilge pump. Johnson 2200 GPH Type 22004