

Propulsion Parts Guide

Propellers & hardware · Sterndrives & outboards · Fuel systems

Selection, fitment and service intervals for Northwind propulsion parts. Every part listed is a genuine Northwind component supplied to factory tolerance and covered by the Northwind dealer warranty.

PROPELLER SELECTION

Propeller size is quoted as diameter × pitch in inches. Increasing pitch raises top speed and lowers acceleration; reducing pitch does the reverse. Target wide-open-throttle rpm in the upper half of the engine manufacturer's stated range with a normal load aboard. Stainless blades hold their geometry under load and are the default specification for planing hulls above 200 hp.

ITEM	SPECIFICATION
Diameter	Swept circle of the blade tips, in inches
Pitch	Theoretical forward travel in one revolution, in inches
Blades	Three for top speed, four for hole shot and grip
Rotation	Right hand unless the drive is the port half of a counter-rotating pair
Shaft spline	Must match the drive. A 15-tooth hub will not seat on a 14-tooth shaft

STERNDRIVE AND OUTBOARD SERVICE

Raw-water impellers are a scheduled item, not a failure item. Replace annually or every 200 hours, whichever comes first, and any time the engine has been run dry. Inspect the pump housing and wear plate at the same interval and replace the gasket set with every impeller.

ITEM	SPECIFICATION
Impeller	Annually or 200 hours
Gear oil	Annually; inspect for water ingress at every change
Anodes	Inspect quarterly; replace at 50% erosion
Bellows	Inspect annually; replace at five years

FUEL SYSTEMS

Fit a 10-micron water-separating filter between tank and engine on every installation. Change the element annually or whenever fuel flow falls off under load. Prime with the bulb until firm before the first start of the season.

ITEM	SPECIFICATION
Filter element	Annually, or on any loss of flow
Primer bulb	Inspect for hardening each season
Fuel line	Replace at ten years, or on any sign of weeping

Northwind Marine dealer support · Stocked parts ordered by 3 PM CT ship from the Gulf Coast distribution centre the same day. Issue 26 July 2026.