

ENGINE MAINTENANCE

For engine maintenance reference your inboard or outboard owner's manual for assistance. Your engine manual should be read carefully to maintain a proper operating engine.

In salt water applications follow the owner's manual regarding proper lubrication procedures.

Periodically check the remote control system to prevent damage, from salt water or some other contaminants.

Check all fuel lines for tightness and integrity. Probably your nose is your best guide here. If you smell gasoline or diesel fuel, there is a leak somewhere in the system. A gentle tightening of the nut at each connection in the fuel line often will solve the problem. If you do smell gasoline fumes in the boat, extreme caution must be used to prevent an explosion.

ELECTRICAL MAINTENANCE

The electrical wiring should require little or no maintenance. Exposed terminals and connections should be checked a couple times a season and more often in a sea air environment for tightness and signs of corrosion. Exposed electric and electronic terminals can be protected with a light coating of vaseline or silicone resin coat obtainable from an electronic dealer.

Battery terminals must be kept clean and free from corrosion. Periodic cleaning washes away sea water, acid and dirt that can accumulate and set up tiny circuits that drain off amperage. Before cleaning a battery, remove it to an area that will not be damaged by acid washed off the battery. Be sure the vent caps are tight. Scrub the terminals and the top of the battery with a brush dipped in a solution of dilute ammonia or a couple of ounces of baking soda to a quart of water. Scrub until all the bubbling stops. Flush with clean water, dry, and replace the battery.

Add water, preferably distilled water, to bring the electrolyte level of the battery about 1/4" to 1/2" above the level of the separators and plates, or to the bottom of the split ring. Check the battery from time to time with a hydrometer. A fully charge battery has a specific gravity reading of 1.265 or 1.270 at a temperature of 80°F. In tropical climates, batteries usually have an electrolyte with a specific gravity of 1.225 when fully charged. Before testing a battery, all the lights and electronic equipment must be turned off in the yacht so that the battery is not discharging during testing.

To replace fuses, note the arrow on the fuse holder. To remove, push the fuse holder in and twist counter clockwise. To insert a new fuse, push in and twist holder clockwise.

The domes on interior lights are held on by friction. these can be removed by gently prying the dome out. To remove the dome bulb push in and twist clockwise. On the lamp lights, the bulbs are removed the same way. If corrosion is noted in the bulb socket it can be cleaned by inserting a small stiff brush and twisted in the socket. (DO NOT use emery cloth as it contains metal particles)

LAYING UP FOR WINTER STORAGE

HAULING (slings)

The proper placement of slings and supports is most important when hauling out. Improper placement stresses the hull and may result in gelcoat fractures or other damages. Slings should never be placed on a propeller shaft, strut, and other equipment. To prevent the slings coming into contact with the rail, the hull may be padded with material such as carpet placed flat against the hull in that area. (See diagram for proper sling location)

Before the yacht is hauled, perform the engine manufacturers storage procedures for winterization. This will be explained in the owners manual.

CRADLE SUPPORT

When hauling on a marine railway or placing the yacht in its winter cradle, at least 60% of the weight of the yacht should be on the keel. Pads for supporting the bottom of the hull should not bear more than 30-40% of the weight of the yacht or structural damage may result if these weight percentage are not followed. Do not put weight on the keel further aft than the last keel bolt. The extreme aft tip of the keel is thin and will accept little weight without bending.

It may be necessary to go through the loading process two or three times, checking the keel position relative to the center line of the cradle, before it is correctly positioned.

WHEN YACHT IS HAULED

Scrub down the bottom to remove any marine growth and grease. Wash down top side and deck.

All gear that may be damaged by cold or dampness such as clothing, batteries, outboard fuel tanks, book, life jackets, and etc., should be removed from the yacht and placed in a warm, dry storage area.

Lubricate or cover all exposed mechanical fittings to guard against ice or snow.

Check all electrical and mechanical components on the boat and remove those needing repair or replacement during the winter.

Whether outboard or inboard is installed on your yacht, follow the manufacturer's procedures manual for proper winter storage.

Shut off gas tank valves, and check all connections, and tighten clamps firmly by hand.

FRESH WATER SYSTEMS

Remove one of the hoses at the lower point of system and allow it to drain into the bilge, or plastic tanks can be emptied overboard.

Pump the bilge, cleaning it at the same time.

Pump sink water pumps to remove any water remaining in them.

HEAD AND HOLDING TANK

Pump out holding tank and flush once or twice. Clean bowl of the head and pump water through. Clean out container on those heads which are self contained.

Follow the manufacturers instructions on usage of anti-freeze if required.

BATTERIES

Remove the batteries from the yacht, fully charge them, and store in a cool and protected area on a wooden shelf for the winter. If batteries are to remain in the yacht, make absolutely sure that they are completely charged to help protect them against frost damage.

WARRANTY

Included with this manual is the warranty document for your new Chrysler Yacht. Please read this information carefully. If there are any questions regarding the warranty terms or conditions, please consult your dealer.

When you take delivery of your yacht, complete the warranty registration card and the commissioning record. Please mail these items to Chrysler Yachts, 1001 Industrial Ave., Box 218, Plano, Texas, 75074.

These forms must be completed by the original purchaser and returned to Chrysler Yachts to validate the warranty.

The warranty registration also serves as a record to meet United States Coast Guard requirements for Yachts purchased in the United States.

Also included are additional cards for change of address notification. Please keep us up to date on addresses, since this is the only way we have of keeping our owners informed of additional information on your Chrysler Yacht.

LIMITED WARRANTY

Chrysler Boat Corporation located at Plano, Texas, herein called Chrysler, issues the following LIMITED WARRANTY to the first registered owner only of its Chrysler Yachts.

PARTIES TO WHOM WARRANTY IS EXTENDED AND COVERAGE subject to the conditions, limitations and exclusions set forth below, this warranty covers failures caused by defects in material and workmanship of the manufacturer only in normal use and service for the following periods from the date of delivery to the first registered owner.

- Consumer Usage - 6 months
- Charter Usage - 3 months
- Replacement Parts - 90 days or unexpired portion of Chrysler Yacht Warranty, whichever is longer.

Validation of warranty is established when the validation commissioning report is completed and validated with the warranty registration. This Limited Warranty runs in favor only of the first registered purchaser of this vessel, and is not transferable. Any obligation under this Limited Warranty terminates if the vessel is resold or shall cease to be used by the owner to whom it is originally issued.

For periods following the delivery date listed above, Chrysler Boat Corporation will repair or replace without charge for parts or labor any part it considers defective at an authorized Chrysler Boat Corporation Chrysler Yacht Dealer.

The exclusive remedy for any such defect shall be repaired or replaced at Chrysler's option of any defective part after inspection by Chrysler Boat Corporation or its authorized inspection station.

OWNER RESPONSIBILITY AND GENERAL CONDITIONS:

This warranty does not cover parts replacement, mechanical adjustments, or other service normally made or required as maintenance which normally includes:

- (a) Lubrication of all equipment as required
- (b) Relocation or modification of standing or running rigging
- (c) Modification of sails, jibs, or spinnakers
- (d) Cleaning, polishing and maintenance of glecoat, teak and other finishes.
- (e) Damage due to transporting or storage at boat yards
- (f) Subjected to conditions beyond normal usage
- (g) Hardware maintenance
- (h) Owner shall be responsible for all expenses associated with transporting vessel to the site builder designated for repairs.

EXCLUSION OF THIS LIMITED WARRANTY

This warranty does not cover these exclusions:

- (a) Inboard engines or outboards, and items warranted directly by the respective manufacturers.
- (b) This warranty does not cover normal maintenance service, trim, glass, plexiglass, gelcoat finish, fading, and crazing, upholstery, sails, halyards, fittings, winchs, blocks or other items subject to aging, weathering, corrosion, normal wear or deterioration caused by foreign materials in the atmosphere or water.
- (c) Installation of accessories to a Chrysler Yacht or to any repairs resulting from incorrect installation by others than the manufacturer of the Chrysler Yacht. (Radios, depth finder, wind indicators, compasses and etc.)
- (d) The warranty shall not apply to any Chrysler Yacht which has been modified or altered to adversely change its performance or reliability characteristics or subjected to misuse, abuse, neglect, electrolysis, accident, fire, submersion, improper storage, freezing, act of God or conditions beyond normal usage.

DESIGN CHANGES

Chrysler Boat Corporation reserves the right to change, modify, or improve the design of any Chrysler Yacht without assuming any obligation to modify any Chrysler Yacht previously manufactured.

IMPLIED WARRANTIES - INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE - ARE LIMITED TO THE DURATION OF THIS WRITTEN LIMITED WARRANTY. MARINE DIVISION SHALL ALSO NOT IN ANY MANNER BE LIABLE FOR ANY CONSEQUENTIAL, INCIDENTAL OR SPECIAL DAMAGES AS A RESULT OF A BREACH OF THIS WRITTEN LIMITED WARRANTY INCLUDING ANY IMPLIED WARRANTIES. THE REMEDIES UNDER THIS WARRANTY SHALL BE THE ONLY REMEDIES AVAILABLE TO THE FIRST REGISTERED OWNER, OR ANY OTHER PERSON, AND NEITHER CHRYSLER BOAT CORPORATION, NOR THE AUTHORIZED SELLING DEALER(S) ASSUME ANY OTHER OBLIGATION OR RESPONSIBILITY WITH RESPECT TO THE CONDITION OF THIS CHRYSLER YACHT, AND NEITHER ASSUMES NOR AUTHORIZES ANY ONE TO ASSUME FOR ANY OF THEM, ANY ADDITIONAL LIABILITY OTHER THAN THOSE CONTAINED HEREIN.

Some states do not allow the exclusion or limitation of consequential, incidental or special damages or limitations on how long an implied warranty lasts, so the above limitations may not apply to you. This warranty gives the owner specific legal rights and the owner may also have other rights which vary from state to state.

CHRYSLER YACHT 27 STANDING RIGGING

ITEM	LENGTH DIAMETER	MATERIAL	UPPER FITTING	LOWER FITTING	REMARKS
FORSTAY	39'9" X 1/4"	STAINLESS STEEL WIRE	EYE	TURNBUCKLE	TURNBUCKLE 2/3 OPEN
UPPER BACKSTAY	39'4" X 1/4"	STAINLESS STEEL WIRE	EYE	TURNBUCKLE	TURNBUCKLE 2/3 OPEN
BACKSTAY BRIDLE	6'6 1/2" X 1/4"	STAINLESS STEEL WIRE	FORK	TOGGLE	
FORWARD LOWER SHROUD	19'6 1/2" X 3/16"	STAINLESS STEEL WIRE	T-BALL	TURNBUCKLE	TURNBUCKLE 2/3 OPEN
AFT LOWER SHROUD	20'10 1/2" X 1/4"	STAINLESS STEEL WIRE	T-BALL	TURNBUCKLE	TURNBUCKLE 2/3 OPEN
MAIN SHROUD	37'1 1/2" X 1/4"	STAINLESS STEEL WIRE	T-BALL	TURNBUCKLE	TURNBUCKLE 2/3 OPEN

CHRYSLER YACHTS

ELECTRICAL LIGHT AND FUSES

LOCATION	BULB SIZES	FUSE SIZES
<u>Running Lights</u>		
Bow	90	5A
Stern	211	5A
Cabin Lights	1141	15A
Bow Lights (on Mast)	90	5A
Masthead Lights	90	5A
Dealer Accessories		
Radios		
Transducers		
Radar		
Spreader Lights		
Spot Lights		

NOTE

With the addition of lights, electrical system and electronic equipment, fuse sizes will change accordingly. For reference, log additional fuse numbers on this chart.

Light bulb sizes may vary according to availability. Upon replacing a light, the expired bulb or fuse should be removed and taken to the distributor to ensure that the new bulb or fuse is the same size.

CHRYSLER YACHT

S-27

TANK CAPACITIES AND PERTINENT DATA

Water Tank	Type		POLYETHYLENE
	Capacity	US gal	12
Fuel Tank Outboard	Type		Metal
	Capacity	US gal Imp gal Litre	6
Fuel Tank Inboard	Type		ALUMINUM
	Capacity	US gal Imp gal Litre	12
Head	Type		Self Contained Marine Toilet *
Head	Type Head-Mate		Toilet w/ Holding Tank *
Stove	Type Handi-Head		2-Burner Countertop Model Alcohol *

* Optional Extra

PROPELLERS ON CHRYSLER YACHTS

BOAT	ENGINE	PROPELLER	OPTIONAL
S-27	Sailor 180	10½ x 7 - 3 Blade AL	10 3/8 x 10 - 3 Blade AL
S-27	Sailor 280	10 3/8 x 10 - 3 Blade AL	10½ x 7 - 3 Blade AL
S-27	Volvo Saildrive	14 X 7 - 2 BLADE	14 X 6-2 BLADE (Foldable)

CHRYSLER YACHT 27 RUNNING RIGGING

ITEM	MATERIAL	LENGTH & DIAMETER	FITTING ON EQUIPMENT	REMARKS
MAIN HALYARD	STRAND YACHT ROPE	80' X 3/8" 3 strand	SHACKLE	
MAIN SHEET	BRAID YACHT ROPE	39' X 1/2"	EYE SPLICE	
GENOA HALYARD	STRAND YACHT ROPE	88' X 3/8" 3 strand	SHACKLE	
GENOA SHEET	BRAID YACHT ROPE	39' X 1/2"		
BACKSTAY ADJUSTER SHEET	BRAID YACHT ROPE	28' X 3/8"		
SPINNAKER HALYARD	BRAID YACHT ROPE	87' X 3/8"		
FOREGUY	BRAID YACHT ROPE	47' X 5/16"		
SPINNAKER SHEETS	BRAID YACHT ROPE	50' X 7/16"		

