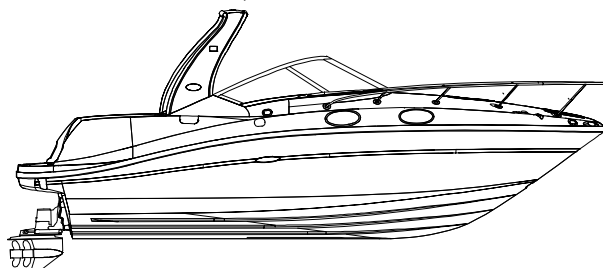


Sea Ray Owner's Manual

Sea Ray 

260 Sundancer®



Owner's Manual Part Number: MRP 1803597

SECTION 8 • REQUIRED INSPECTION, SERVICE AND MAINTENANCE

DIESEL

- Fill fuel tank with diesel and recommended amount of biocide, “Biobor®”, which prevents bacteria and fungi from contaminating diesel fuel that contains some water.
- Diesel fuel should also get a petroleum distillate additive, such as “Stabil®” or Racor® RX100”. This will absorb water in the fuel and prevent freezing problems.
- Run engine(s) for ten minutes to ensure that all diesel fuel in injectors and fuel lines is treated.

DETAILED WINTERIZING, OPERATING INSTRUCTIONS AND WARRANTY INFORMATION ARE PROVIDED BY THE EQUIPMENT MANUFACTURER AND CAN BE FOUND IN THE OWNER’S PACKET.



CAUTION

Do not overfill. Filling a tank until the fuel flows from vents is dangerous. Allow room for expansion.

5. FITTING OUT AFTER STORAGE

A. FUEL SYSTEM

Check the entire fuel system for loose connections, worn hoses, leaks, etc. and repair. This is a primary safety precaution.

Check fuel lines for damage and make sure that they do not come in contact with any moving parts.

B. BATTERY (IES)

Before installing the batteries, clean the terminal posts with a wire brush or steel wool and then attach the cables. After the cable clamps are tightened, smear the post and clamps with vaseline or grease to exclude air and acid. Do not apply grease before

attaching and tightening the terminal clamps. Examine all wiring.



MISCELLANEOUS

- Check all thru-hull fittings for unobstructed water passage. Be alert for any deteriorated hoses and/or fittings below the water line which might fail in service and admit water.
- Test the navigation lights.
- Check all wiring for loose connections.
- Check all switches and equipment for proper operation.
- Check bilge blowers for proper operation. Turn ON blowers and place hand over hull blower vent to make sure air is coming from vent.
- Anchor lines and gear should be inspected and replaced if necessary.
- Make sure the hull drain plug is in place and tight.
- Clean bilge thoroughly if it was not done at lay-up.
- Check all engine fluid levels.
- Check fuel lines for damage and/or leaks. Make sure that they do not come into contact with moving parts.

6. SECURITY CONSIDERATIONS

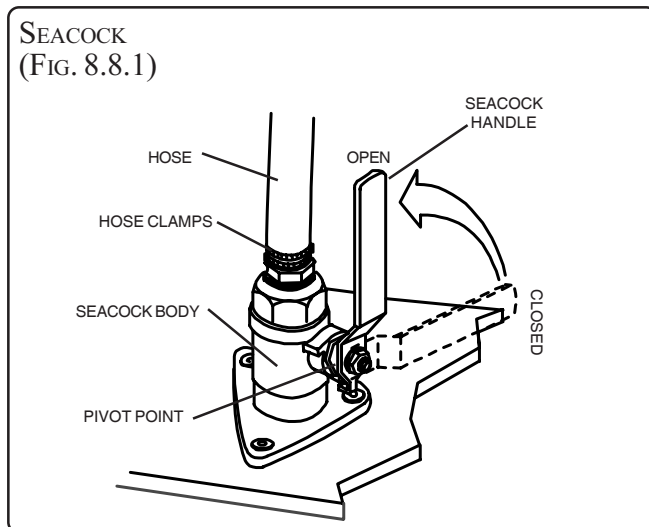
Be conscious of the security of your boat. Always remove the keys from the ignition, lock hatches, lock the cabin door, remove and stow any removable electronic gear (fish finders, GPS, etc.) and personal gear (fishing poles, etc.) normally left aboard your boat.



SECTION 8 • REQUIRED INSPECTION, SERVICE AND MAINTENANCE

7. SEACOCK LUBRICATION

- With boat out of water, remove the hose from top of the seacock.
- Put seacock handle in closed position.
- Add a few drops of lubricating oil inside.
- Work handle back and forth a few times. Add oil as needed.
- Replace hose and tighten clamp.
- Add a few drops of oil to the handle pivot point.



SECTION 8 • REQUIRED INSPECTION, SERVICE AND MAINTENANCE

8. QUICK REFERENCE CHECKLIST

As the owner/operator of a Sea Ray® boat, you are responsible for the safe operation of your boat and the safety of your passengers. Always be sure that required documents, navigational equipment and Coast Guard required safety equipment is aboard and in proper working order.

A. BOARDING THE BOAT*

GENERAL

1. Weather Conditions Is it going to be safe to go out
2. Transom Drain Plug Installed
3. PFDs and all other Coast Guard required safety equipment Available for all children and adults
4. Ignition keys Available
5. Tool Box Stocked with a variety of appropriate tools

BOAT SYSTEMS

1. Bilge Pumps Working. Discharge any appreciable amounts of water overboard
2. Blowers Working. "Sniff" the bilge/engine compartment for fuel odor
3. Navigation Lights Working. Have spare bulbs (and if applicable fuses) aboard
4. Radio/Electronics Working
5. Horn Working
6. Trim Tabs Full range of motion. No excessive play or binding
7. Fresh Water Tank Filled and sanitized
8. Head System Holding Tank Empty
9. Seacocks Engines & Generator Open (handle parallel to hose), Head System Holding Tank Closed (handle perpendicular to hose)

ENGINE

1. Batteries Fully charged (Check water cell levels)
2. Fuel Tank Filled with recommended fuel
3. Fuel System Check for leaks
4. Fuel Filters Check that filters are clean and tight
5. Diesel Racor Fuel Filters Check that filters are clean, tight and free of water
6. Engine Coolant Drain Plug Secured
7. Steering Fluid Full
8. Throttle & Gearshift Control Test Full range of motion

***Note:** Many of these items should be checked before leaving the house.



SECTION 8 • REQUIRED INSPECTION, SERVICE AND MAINTENANCE

QUICK REFERENCE CHECKLIST (CONT'D)

B. PREPARING TO DEPART AND AFTER LAUNCHING

GENERAL

1. Bilge/Engine Compartment “Sniff” the bilge/engine compartment for fuel odor. Run the bilge blowers for at least four (4) minutes.
2. Shore Power Cable Disconnected from dockside power inlet
3. Lines, Fenders and Anchor Ready for use
4. Passengers/Crew Instructed in duties for getting underway and fitted for a correct size PFD

ENGINE

1. Battery Switches In the ON position
2. Fuel Valves (Diesel Only) Open
3. Engine Alarm Test. Should sound after a few seconds
4. Gear Shift & Throttle Control In NEUTRAL and IDLE positions

STARTING THE ENGINE*

1. Gearshift & Throttle Control Shift in NEUTRAL (Refer to your Engine Owner's Manual for start-up procedures for your specific engine)
2. Ignition Turn master ignition keys on DC distribution panel to the ON position. Depress ignition switch on the helm switch panel to START position until engine starts, then release to RUN position (light on).

IMPORTANT: Do not continue to operate starter for more than 10 seconds without pausing to allow starter motor to cool off for 2 minutes. This also will allow the battery to recover between starting attempts.*

WARNING

Do not run the engine or generator in an enclosed area, such as a closed boat house, as there is the possibility of buildup and inhaling of carbon monoxide.

*If engine fails to start, refer to the Engine Owner's Manual for further troubleshooting procedures



SECTION 8 • REQUIRED INSPECTION, SERVICE AND MAINTENANCE

QUICK REFERENCE CHECKLIST (CONT'D)

C. WHILE UNDERWAY

GENERAL

1. Passengers/Crew Safely seated with PFD's on or immediately accessible
2. Lines, Fenders and Anchor Stowed

BOAT SYSTEMS

1. Trim Tabs Bring boat to "On Plane". Adjust as necessary
2. Navigation Lights On at night or in reduced visibility

ENGINE

1. Tachometer Engines operating in safe RPM range
2. Engine Gauges Continually monitor
3. Engine Operation Check idle and shift. Listen for abnormal noises and visually check the engine compartment while underway

D. RETURNING TO PORT

GENERAL

1. Passengers/Crew Instructed in duties for line handling
2. Lines and Fenders Ready for use

BOAT SYSTEMS

1. Navigation Lights Turned OFF when secured
2. Anchor Light ON if necessary
3. Bilge/Engine Compartment "Sniff" the bilge/engine compartment for fuel odor. Run the bilge blowers if necessary. Check for water in bilge. Run bilge pumps if necessary

ENGINE

1. Throttle & Gearshift Control Bring to IDLE and NEUTRAL positions
2. Tachometer Idle the engines for five (5) minutes to cool down



SECTION 8 • REQUIRED INSPECTION, SERVICE AND MAINTENANCE

QUICK REFERENCE CHECKLIST (CONT'D)

3. Ignition Depress ENGINE STOP switches on the helm switch panel when engines are cooled down.
4. Engine Operation Check idle and shift. Listen for abnormal noises

E. SECURING THE BOAT

GENERAL

1. Lines and Fenders Fenders in place, lines tied securely to dock
2. Shore Power Cable Connected to dockside power inlet

BOAT SYSTEMS

1. Seacocks Closed (handle perpendicular to hose)
2. Helm Switch Panel All switches in the OFF position
3. Gearshift & Throttle Control In the NEUTRAL and IDLE positions

ENGINE

1. Ignition Switched in the OFF position (lights off) and master ignition keys removed from DC distribution panel
2. Battery Switch In the OFF position
1. Fuel Valves (Diesel Only) Closed (handle perpendicular to hose)

F. IF THE ENGINE DOES NOT START

NO STARTER MOTOR RESPONSE

1. Check gearshift control lever in the NEUTRAL position
2. Check battery condition for sufficient charge
3. Check battery cable connections tight and free from corrosion
4. Check battery switch in the ON position
5. Check starter motor and solenoid connections
6. Check ignition switch connections

STARTER MOTOR RESPONDS, BUT NO IGNITION

1. Check that fuel tanks are not empty
2. Check fuel filters and filter/water separators clean
3. Check electrical connections on engine wiring harness and ignition wiring



SECTION 8 • REQUIRED INSPECTION, SERVICE AND MAINTENANCE

QUICK REFERENCE CHECKLIST (CONT'D)

G. OPERATING THE GENERATOR

STARTING THE GENERATOR

1. Generator Seacock Open
2. Bilge Blower Run for at least 4 minutes and any time the generator is running
3. Depress PREHEAT/ON Preheat time should not exceed 30 seconds
4. Depress START/RUN Switch Depress until generator starts
5. When the Generator Starts Release the START switch (only continue holding PREHEAT/ON for a few seconds)
6. Load The Generator Turn ON the generator main breaker on the Main Distribution Panel. Turn AC breakers ON

STOPPING THE GENERATOR

1. Breakers Turn AC breakers OFF. Turn OFF the generator main breaker on the Main Distribution Panel
2. Generator Let it run a few minutes to cool down
3. STOP Switch Depress to stop the generator set

 **WARNING**

Do not run the generator or engines in an enclosed area, such as a closed boat house, as there is the possibility of buildup and inhaling of carbon monoxide.



SECTION 9 • CARE & REFINISHING

Your new boat has been designed to provide you with years of enjoyment and satisfaction. In order to maintain the factory new appearance of your boat, we recommend the use of 3M™ Marine's one step Maintenance and Reconditioning Products designed specifically for pleasure boats. Following proper fiberglass maintenance guidelines will help maintain your boat's performance, value, and enjoyment.

1. PAINT CLEANING AGENTS & OTHER SUBSTANCES

**WARNING****EXPLOSION/FIRE HAZARD**

Care and refinishing materials may contain ingredients that are flammable or explosive. Do not use such materials in the bilge

Shut off electrical power and ventilate when using such materials anywhere on the boat or in the cabin.

Do not create sparks or use lighted materials.

Do not use products containing chlorine, phosphates, perfumes and nondegradable ingredients. Consult your marine dealer regarding environmental regulations before painting the hull. Fumes can last for hours, and chemical ingredients can harm people, property and the environment. Common household cleaning agents may cause hazardous reactions. Read and understand directions on all paint, cleaning and polishing materials before using.

2. FIBERGLASS & GELCOAT

The fiberglass hull, deck and some interior parts consist of a molded shell and exterior gelcoat. The gelcoat is the outer surface, often colored, that presents the shiny smooth appearance associated with fiberglass products. This gelcoat surface is painted or taped in some areas for styling purposes.

Wash the gelcoat and fiberglass regularly with clean, fresh water. Wax gelcoated surfaces to maintain the luster. In northern climates, a waxing at the start and end of the boating season may suffice. In southern climates, an application of wax every three months will be required for adequate protection.

**WARNING**

Gelcoat surfaces are slippery when wet.

Always wear nonslip footwear securely fastened to your feet and hold on to rails or the boat structure.

**WARNING**

Waxed surfaces are slippery.

Do not wax areas that are usually walked on.

REFER TO THE "3M® ONE STEP MAINTENANCE AND RECONDITIONING PRODUCTS" PAMPHLET IN YOUR OWNER'S MANUAL PACKET FOR INSTRUCTIONS AND WARRANTY INFORMATION.

A. KEEP BILGE AREA DRY

Water may accumulate in the engine room where it is not able to drain to the bilge pump. Check all areas of the engine room for accumulated water and dry thoroughly. Water left standing may penetrate through the gelcoated surfaces and wick into the fiberglass affecting the life of the product.



SECTION 9 • CARE & REFINISHING

3. STAINS & SCRATCHES

Although gelcoat and painted surfaces are resistant to deep stains, a need for cleaning will occasionally arise. But, the use of some common cleaning agents will permanently discolor or otherwise damage the finish on your boat.

- Do not use abrasive porcelain-cleaning powders. These are too abrasive and contain chlorine and ammonia, either of which will permanently discolor gelcoat and paint.
- Never use nail polish remover (acetone) or any ketone solvents.
- Use diluted household detergents to remove surface soil and stains. Before using a given brand, check to make sure it contains no chlorine or ammonia.
- Alcohol can be used to remove difficult stains. But it must be promptly washed off with mild detergent and water.
- Minor scratches and deeper stains that do not penetrate the gelcoat may be removed by light sanding and buffing.

4. PERMANENTLY MOORED OR DOCKED BOATS

If permanently moored in salt water or fresh water, your boat will collect marine growth on its bottom. This will detract from the boat's beauty and greatly affect its performance. There are two methods of preventing this:

- Periodically haul the boat out of the water and scrub the bottom with a bristle brush and a solution of soap and water.

- Paint the hull below the waterline with a good grade of antifouling paint. **DO NOT paint the engine drive surfaces.**

NOTE: There are EPA regulations regarding bottom paint application. Consult your Sea Ray® dealer for proper application methods.

5. CARE FOR BOTTOM PAINT

From time to time a slight algae or slime forms on all vessels. The bottom painted portion of the hull can be wiped off with a coarse Turkish towel or a piece of old rug while the boat is in the water. Do not use a stiff or abrasive material to clean the bottom paint.

The bottom paint should be inspected annually. If it needs repainting consult your Sea Ray® dealer.

6. TOPSIDE AREAS

A. STAINLESS STEEL AND ALLOY FITTINGS

Stainless steel and alloy fittings should be cleaned with soap and water or household glass cleaner. Remove rust spots as soon as possible with a brass, silver or chrome cleaner. Irreversible pitting will develop under rust that remains for any period of time. Never use an abrasive like sandpaper or steel wool on stainless. These may actually cause rust. To help protect the stainless, we recommend the use of a good car wax.



SECTION 9 • CARE & REFINISHING

B. SALT CRYSTALS

When instruments are exposed to a saltwater environment, salt crystals may form on the bezel and the plastic covers. These salt crystals should be removed with a soft, damp cloth; never use abrasives or rough, dirty cloths to wipe plastic parts. Mild household detergents or plastic cleaners can be used to keep the instruments bright and clean.

REFER TO THE OWNER'S MANUAL PACKET FOR INSTRUCTIONS AND WARRANTY INFORMATION.

7. GAUGE & SWITCH PANELS

No special care is needed. Just wipe off with a soft, fresh water damp cloth to remove dust or salt. Dry after with chamois or soft cloth. Use of protective chemicals is not required.

NOTE: Do not use any chemicals to clean or protect gauge lenses.

8. ACRYLIC PLASTIC SHEETING (PLASTIC GLASS)

Never use a dry cloth or duster or glass cleaning solutions on acrylic.

To clean acrylic, first flood it with water to wash off as much dirt as possible. Next, use your bare hand, with plenty of water, to feel and dislodge any caked dirt or mud. A soft, grit-free cloth may then be used with a nonabrasive soap or detergent. A soft sponge, kept clean for this purpose, is excellent. Blot dry with a clean damp chamois.

Grease and oil may be removed from acrylic with kerosene, hexane, white (not aviation or ethyl) gasoline or aliphatic naphtha (no aromatic content).

Do not use solvents such as acetone, silicone spray, benzene, carbon tetrachloride, fire extinguisher fluid, dry cleaning fluid or lacquer thinner on acrylic, since they attack the surface.

Remove fine scratches with fine automotive acrylic rubbing and polishing compounds.

9. CANVAS AND CLEAR VINYL

Do not fold or store any of the canvas pieces while wet. All canvas should be rolled or folded when dry and stored in a clean, dry place. For clear vinyl pieces, the recommended methods for storage are rolling or laying down flat. The clear vinyl should never be folded or creased as cracking will result. To protect the clear vinyl from rubbing against itself while rolled or stored flat, place a piece of very soft, nonabrasive cloth between the pieces. If the surface of the clear vinyl becomes scratched, the canvas manufacturer has provided a canvas care sheet located in your Owner's Manual Packet. When storing the rear (aft) curtain, fold the canvas over the clear vinyl window (do not fold clear vinyl), then roll or store flat.

The fabric should be cleaned regularly before substances such as dirt, pollen, etc. are allowed to accumulate on and become embedded in the fabric. The fabric can be cleaned without being removed from the installation. Simply brush off any loose dirt, particles, etc.; hose down and clean with a mild solution of a natural soap in lukewarm water (no more than 100°F, 38°C); rinse thoroughly to remove soap. **DO NOT USE DETERGENTS.** Allow to completely dry.

Wash and clean vinyl windows with a warm soap solution. Use a soft cloth or sponge and do not scratch the surface.

If you have stubborn cleaning cases, call your dealer for proper procedures. Do not try your own cleaning procedures as they may permanently damage the canvas.

After each use, especially in salt water areas, rinse the canvas completely with fresh cold water. Then let the canvas dry completely before stowing.

All metal components of the canvas should be rinsed with fresh cold water and exposed components wiped dry to maintain appearance and working order.



SECTION 9 • CARE & REFINISHING

10. EXTERIOR UPHOLSTERY FABRIC

Exterior fabrics should be cleaned with a sponge or very soft scrub brush and a mild soap and warm water solution. After scrubbing, rinse with plenty of cold, clean water and allow the fabric to air dry in a well ventilated place, preferably away from direct sunlight.

Mildew can occur if your boat does not have adequate ventilation. Heat alone will not prevent mildew; you must also provide for fresh air circulation.

REFER TO THE OWNER'S MANUAL PACKET FOR INSTRUCTIONS AND WARRANTY INFORMATION.

11. INTERIOR UPHOLSTERY FABRIC

Cleaning and maintenance information provided by the material manufacturer, is in your Owner's Manual Packet.

NOTICE
<p>Always clean spots, stains, etc., immediately. Test an unseen area of fabric before cleaning stain, to insure that cleaning material will not cause damage.</p>

REFER TO THE OWNER'S MANUAL PACKET FOR INSTRUCTIONS AND OTHER CLEANING INFORMATION.



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