

# STORAGE

## Storage Preparation

The major consideration in preparing your outboard for storage is to protect it from rust, corrosion, and damage caused by freezing of trapped water.

The following storage procedures should be followed to prepare your outboard for out of season storage or prolonged storage (two months or longer).

### CAUTION

**Never start or operate your outboard (even momentarily) without water circulating through all the cooling water intake holes in the gearcase to prevent damage to the water pump (running dry) or overheating of the engine.**

## FUEL SYSTEM

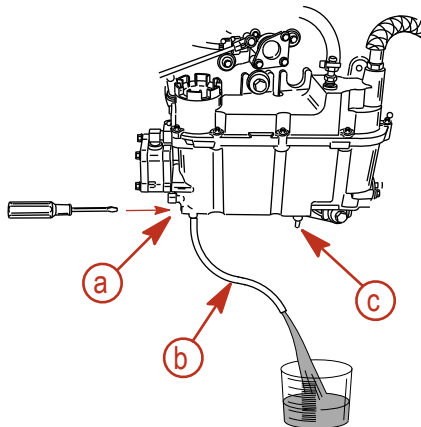
**IMPORTANT:** Gasoline containing alcohol (ethanol or methanol) can cause a formation of acid during storage and can damage the fuel system. If the gasoline being used contains alcohol, it is advisable to drain as much of the remaining gasoline as possible from the fuel tank, remote fuel line, and engine fuel system.

The most effective method for storage preparation is to add the recommended amount of Mercury Precision fuel Stabilizer and Mercury Precision Quickleen products as described on their containers to the fuel tank before the last operation of the boat. Adding Fuel Stabilizer will help prevent the formation of varnish and gum in the gasoline. The Mercury Precision Quickleen product will help clean and lubricate the fuel injectors.

1. **Portable Fuel Tank** - Pour the required amount of gasoline stabilizer (follow instructions on container) into fuel tank. Tip fuel tank back and forth to mix stabilizer with the fuel.
2. **Permanently Installed Fuel Tank** - Pour the required amount of gasoline stabilizer (follow instructions on container) into a separate container and mix with approximately one quart (one liter) of gasoline. Pour this mixture into fuel tank.

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3. Pull the drain hose off the right side fitting. Hold the open end of the hose over a container. Loosen drain screw and drain the fuel filter chamber. Re-tighten drain screw and reattach hose.

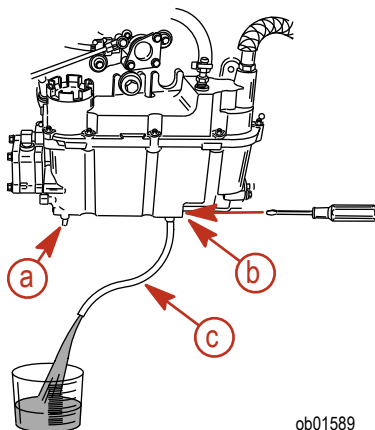


**a** - Drain screw

**c** - Right side fitting

**b** - Drain hose

4. Pull the drain hose off the left side fitting. Hold the open end of the hose over a container and loosen drain screw and drain the float chamber. Re-tighten drain screw and reattach hose.



**a** - Left side fitting

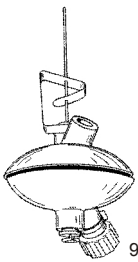
**c** - Drain hose

**b** - Drain screw

5. Premix the following in a container:
  - 8 cc (0.27 oz.) or 2 teaspoons of Mercury Precision Quickleen lubricant.

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- 8 cc (0.27 oz.) or 2 teaspoons of Mercury Precision Fuel Stabilizer.
6. Remove the fuel filter. Refer to **Maintenance - Fuel System**.
  7. Pour mixture into the fuel filter opening.
  8. Reinstall the fuel filter.
  9. Prime the fuel system as outlined in the **Operation - Starting the Engine**.
  10. Place the outboard in water or use the flushing attachment for circulating cooling water. Start the engine and run at idle speed for 5 minutes to allow the treated fuel to fill the fuel system.

Flushing Device	91-44357Q 2
 9192	Attaches to the water intakes; provides a fresh water connection when flushing the cooling system or operating the engine.

## Protecting Internal Engine Components

**NOTE:** Make sure the fuel system has been prepared for storage. Refer to **Fuel System**, preceding.


**IMPORTANT:** Refer to **Spark Plug Inspection and Replacement** for correct procedure for removing spark plug leads.

1. Remove the spark plugs and add approximately 30 ml (1 oz.) of engine oil into each spark plug hole.
2. Rotate the flywheel manually several times to distribute the oil in the cylinders.
3. Re-install spark plugs.

## Protecting External Outboard Components

- Lubricate all outboard components listed in **Maintenance - Inspection and Maintenance Schedule**.
- Touch up any paint nicks. See your dealer for touch-up paint.
- Spray Quicksilver or Mercury Precision Lubricants Corrosion Guard on external metal surfaces (except corrosion control anodes).

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Tube Ref No.	Description	Where Used	Part No.
	Corrosion Guard	External metal surfaces	92-802878-5 5

## Gearcase

- Drain and refill the gearcase lubricant (refer to **Maintenance - Gearcase Lubrication**).

## Positioning Outboard For Storage

Store outboard in an upright (vertical) position to allow water to drain out of outboard.

### CAUTION

If outboard is stored tilted up in freezing temperature, trapped cooling water or rain water that may have entered the propeller exhaust outlet in the gearcase could freeze and cause damage to the outboard.

## Battery Storage

- Follow the battery manufacturer's instructions for storage and recharging.
- Remove the battery from the boat and check water level. Recharge if necessary.
- Store the battery in a cool, dry place.
- Periodically check the water level and recharge the battery during storage.