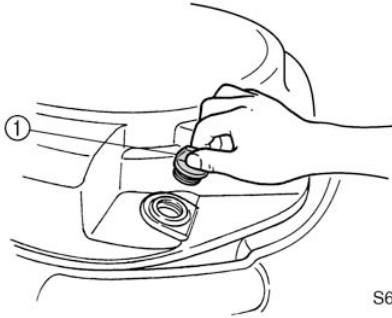
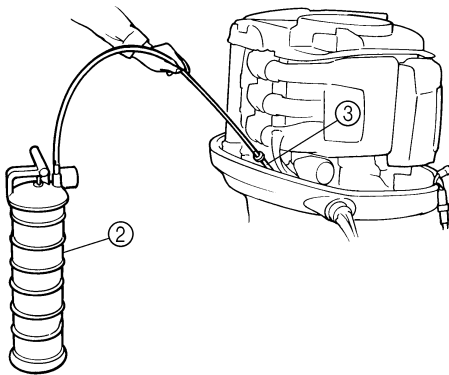


### Changing the engine oil using an oil changer

1. Start the engine and warm it up.
2. Remove the engine oil dipstick and oil filler cap ①.



3. Insert the tube of the oil changer ② into the dipstick guide ③.



4. Operate the oil changer to extract the oil.

**NOTE:** \_\_\_\_\_  
Be sure to clean up any oil spills.

5. Pour the specified amount of the recommended engine oil into the oil filler hole.



Recommended engine oil:

4-stroke motor oil

API: SE, SF, SG, or SH

SAE: 10W-30 or 10W-40

Oil quantity:

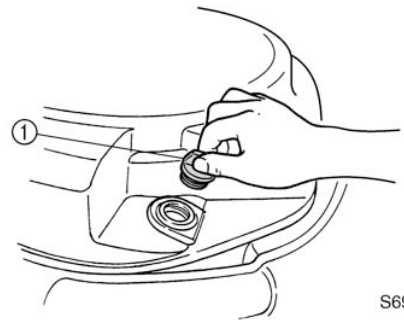
Without oil filter replacement:

5.8 L (6.1 US qt, 5.1 Imp qt)

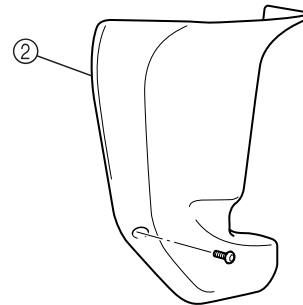
6. Install the oil filler cap and dipstick, and then start the engine and warm it up for 5 minutes.
7. Turn the engine off, and then check the oil level and correct it if necessary.

### Changing the engine oil by draining it

1. Start the engine and warm it up.
2. Remove the engine oil dipstick and oil filler cap ①.

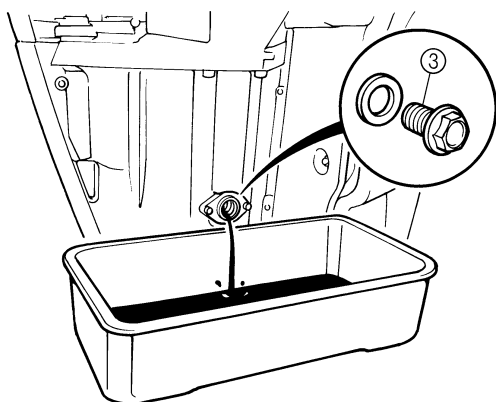


3. Remove the starboard apron ②.



4. Place a drain pan under the drain hole, and then remove the drain bolt ③ and let the oil drain completely.

3



S69J3130

**NOTE:** \_\_\_\_\_  
Be sure to clean up any oil spills.

5. Install the drain bolt, and then tighten it to the specified torque.



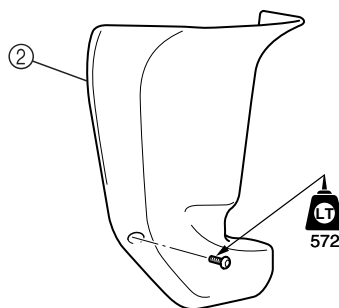
Drain bolt:  
27 N·m (2.7 kgf·m, 19 ft·lb)

6. Pour the specified amount of the recommended engine oil into the oil filler hole.



Recommended engine oil:  
4-stroke motor oil  
API: SE, SF, SG, or SH  
SAE: 10W-30 or 10W-40  
Oil quantity:  
Without oil filter replacement:  
5.8 L (6.1 US qt, 5.1 Imp qt)

7. Install the oil filler cap and dipstick, and then start the engine and warm it up for 5 minutes.
8. Turn the engine off, and then check the oil level and correct it if necessary.
9. Install the starboard apron ②, and then tighten it to the specified torque.



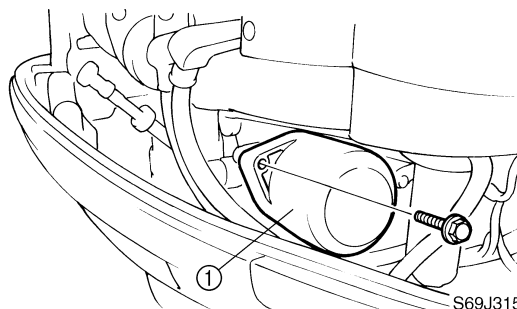
S69J3140



Apron bolt:  
8 N·m (0.8 kgf·m, 5.8 ft·lb)

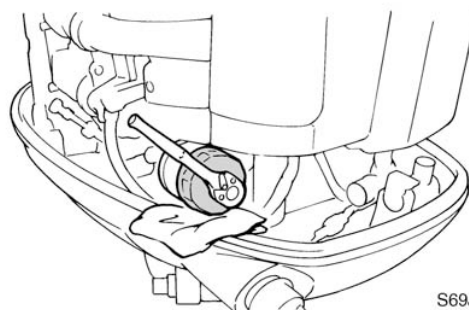
### Replacing the oil filter

1. Extract the engine oil with an oil changer or drain it.
2. Remove the oil filter cover ①.



S69J3150

3. Place a rag under the oil filter, and then remove the filter using a 72.5 mm (2.9 in) oil filter wrench.



S69J3160

**NOTE:** \_\_\_\_\_  
Be sure to clean up any oil spills.

4. Apply a thin coat of engine oil to the O-ring of the new oil filter.

- 
5. Install the oil filter, and then tighten it to the specified torque using a 72.5 mm (2.9 in) oil filter wrench.

3. Turn the crankshaft clockwise two turns to take up slack in the timing belt.

### Replacing the timing belt

**NOTE:** \_\_\_\_\_  
For replacement procedures, see Chapter 5, "Replacing the timing belt."

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### Checking the valve clearance

**NOTE:** \_\_\_\_\_  
For checking procedures, see Chapter 5, "Checking the valve clearance."

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### Checking the spark plugs

1. Remove the ignition coil cover.
2. Disconnect the spark plug wires, and then remove the spark plugs.
3. Clean the ele

6. Pour the specified amount of the recommended engine oil into the oil filler hole.

7. Install the oil filler cap and dipstick, and then start the engine and warm it up for 5 minutes.

8. Turn the engine off, and then check the oil level and correct it if necessary.

9. Install the oil filter cover.

### Checking the timing belt

1. Remove the flywheel magnet cover.
2. While turning the flywheel magnet clockwise, check the interior Ⓐ and the exterior Ⓑ of the timing belt for cracks, damage, or wear. Replace if necessary.

3