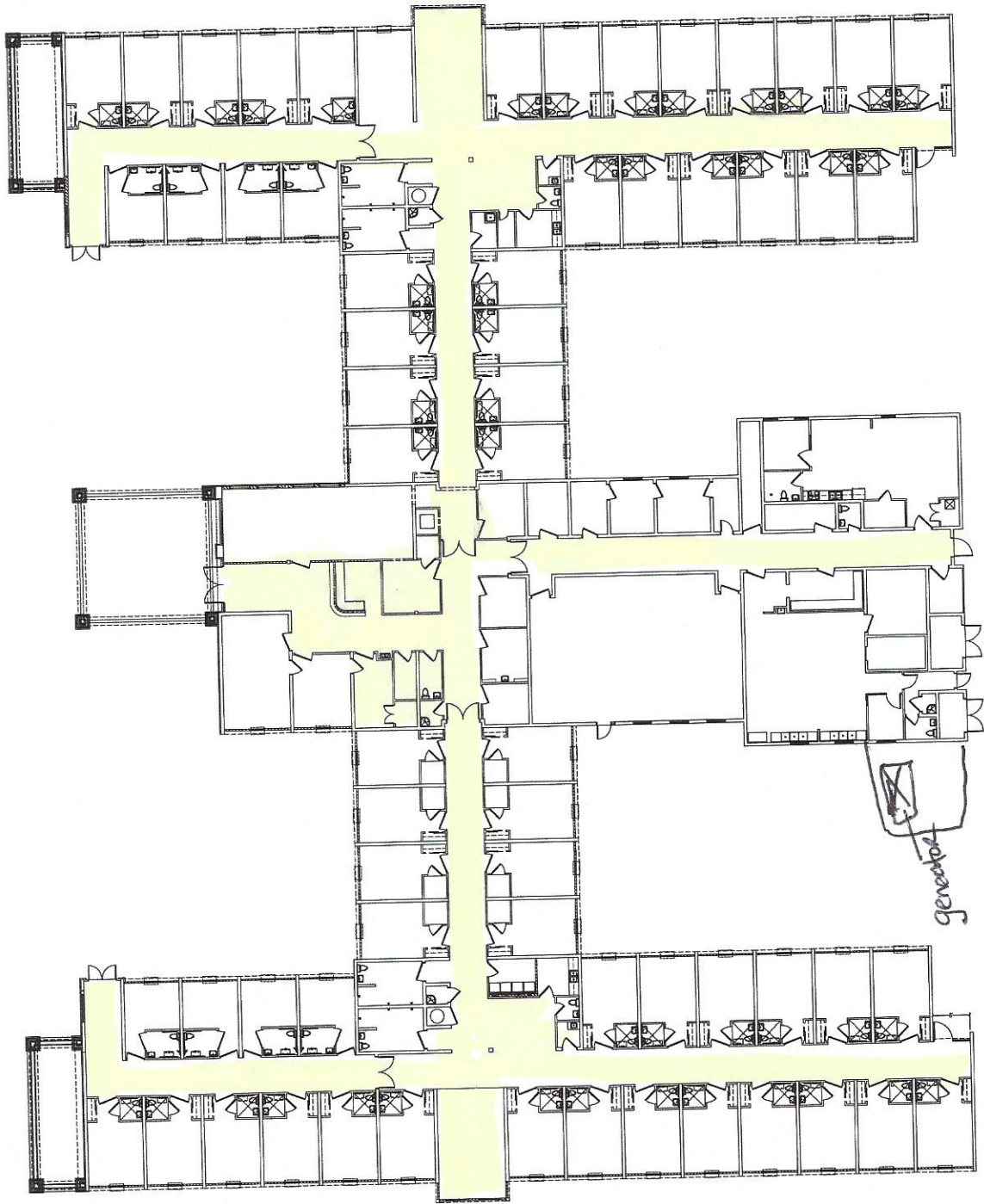


Walton Place Assisted Living Facility Emergency Management

Power Plan

- 1) Basic Information concerning the Facility to Include
 - a. Walton Place Assisted Living Facility
 - b. Assisted Living Facility
 - c. 501 S. Walton Ave Tarpon Springs, Florida 34689
 - d. John Ross 727-919-4935
 - e. Licensed 98
- 2) Generator Information
 - a. Generac
 - b. Protector
 - c. 9746481
 - d. 60KW
 - e. 240
 - f. 3 phase
 - g. Fixed Generator
 - h. AT back of building mounted to concrete slab surrounded by an enclosure on three sides and building on the 4th
- 3) Fuel Information
 - a. Natural Gas
 - b. Unlimited
 - c. No fuel stored on site
 - d. Yes but N/A
- 4) Emergency power plan to also include:
 - a. We will be keeping common Areas below 81 degrees the total area 4800 square feet
 - b. HVAC 2- 5 ton units will be used
 - c. 240
 - d. We will use wall stats to constantly monitor temp and a laser gun to check in between the T-Stats
 - e. AT every intersecting hallway in the building and kitchen area
 - f. Cooling, Heating, lights, Refrigeration, Outlets, and fire safety equipment
 - g. Administrator and assistant are fully trained on its operation and the system has an auto transfer switch installed. Generac will be maintaining the generator to the specs in maintenance manual
 - h. There are currently no written policies as its all automatic and only admin will deal with it
 - i. New staff will know the plan as part of the pre-service orientation which includes emergency management
 - j. Generator is tested in the first week of every month
 - k. We would call closest Generac service center in Tampa

Attachments



generator

common area in yellow

501 S. Warton Ave
Warton Place

GENERAC
Protector





5.3 — Service Maintenance Intervals

NOTE: Use only Genuine Generac parts to ensure warranty coverage.

▲ CAUTION!



All generator service must be performed by an authorized service provider or a qualified service personnel only.

It is important to perform all maintenance at the interval specified in the Service Maintenance Schedule. This ensures safe and proper operation, as well as compliance with applicable emissions standards. Critical emissions maintenance must be performed for the Emissions Warranty to remain valid. Service and repairs may be performed by an authorized service provider, any qualified service technician, or repair shop.

Observe the maintenance tasks and intervals shown in the table below.

| Service | 30 Hours Engine Break In | Daily If Running Continuously | Schedule A Every Year or 125 Hours | Schedule B Every 2 Years or 250 Hours | Schedule C Every 1000 Hours |
|--|-----------------------------|----------------------------------|---|--|-----------------------------------|
| Check Enclosure Louvers | | ○ | ○ | ○ | ○ |
| Check Fuel Lines | | ○ | ○ | ○ | ○ |
| Check Coolant Level and Hoses | | ○ | ○ | ○ | ○ |
| Check Radiator for Clogging | | ○ | ○ | ○ | ○ |
| Check Lubricating Oil Level and Drain Hose | | ○ | ○ | ○ | ○ |
| Replace Lubricating Oil and Oil Filter | ○ | | ○ | ○ | ○ |
| Check Battery Condition/Fluid Level | | | ○ | ○ | ○ |
| Check/Adjust Accessory/Drive Belt Tension | | | ○ | ○ | ○ |
| Replace Air Filter Element | | | ○ | ○ | ○ |
| Drain/Flush Coolant System | | | | ○ | ○ |
| Clean/Gap/Replace Spark Plugs | | | | ○ | ○ |
| Replace Timing Belt (2.4L Engines Only) | | | | | ○ |
| Tighten Critical Fasteners | | | | | ○ |

NOTE: If the unit reaches a Schedule A or Schedule B maintenance interval with 900 to 999 total hours, have an authorized service provider perform the Schedule C maintenance tasks as well (and reset the A-B-C/Year maintenance schedule counter).

5.4 — Remove From Service

To ensure safety, follow the steps below prior to inspection, maintenance or service.

IMPORTANT NOTE: If currently experiencing a utility outage, see Subsection 6.3 —Removal From Service During Utility Outages for special instructions.

1. Open the viewing window. See Subsection 3.4 —Open Viewing Window.
2. Move the Main Circuit Breaker switch down to the OFF (Open) position. See A of Figure 5-5.
3. Press OFF on the control panel. A red LED illuminates to confirm that the system is in the OFF mode. See B of Figure 5-5.
4. Remove T1 fuse from transfer switch.
5. Pull up rubber flap covering fuse holder and remove 7.5 amp fuse. See C of Figure 5-5.
6. Disconnect NEGATIVE battery cable.
7. Place a DO NOT OPERATE tag or placard on both the control panel and transfer switch.
8. If the unit has been running, wait five minutes for the engine to cool.

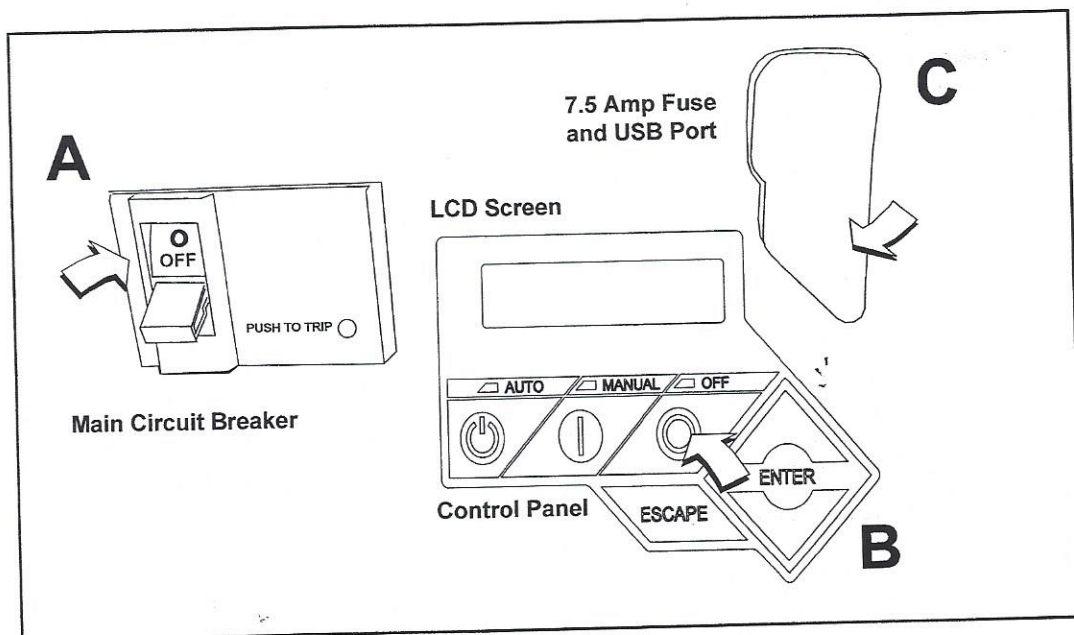


Figure 5-5. Generator Control Panel

5.5 — 30 Hour Break-In

Perform the following task:

- Replace Lubricating Oil and Oil Filter

NOTE: See Subsection 5.7.8 under Schedule A Maintenance.

5.6 — Daily Maintenance

Perform the following tasks:

- Check Enclosure Louvers
- Check Fuel Lines
- Check Coolant Level and Hoses
- Check Radiator for Clogging
- Check Lubricating Oil Level and Drain Hose

NOTE: See Subsection 5.7.3 through Subsection 5.7.7 under Schedule A Maintenance.

5.7 — Schedule A Maintenance

NOTE: Perform Schedule A maintenance once each year or after 125 hours of service, whichever comes first.

NOTE: The 2.4L (32 kW) unit is depicted in the artwork used in this manual. For the general location of components in all other models, see Subsection 5.7.1—Schedule A Maintenance Item Locations.

5.7.1— Schedule A Maintenance Item Locations

NOTE: The side of the enclosure with the viewing window is identified as the rear of the generator set. The right and left sides are identified by standing at the rear and looking towards the front of the unit.

| Model | 22/27 kW | 25/30 kW | 32/38 kW | 36/45 kW | 48 kW | 60 kW |
|---|----------|----------|----------|----------|-------|-------|
| Engine | 2.4L | 1.5L | 2.4L | 2.4L | 5.4L | 2.4L |
| Coolant Overflow Reservoir | L | L | L | L | L | L |
| Oil Dipstick | R | R | R | R | L | R |
| Oil Drain Hose | L | R | L | L | R | L |
| Oil Filter | R | R | R | R | L | R |
| Oil Fill Cap | E | E | E | E | R | E |
| Oil Supply Tank Fill Cap | - | - | - | TL | - | TL |
| Battery | L | R | L | L | R | L |
| Fan Belt | E | E | E | E | E | E |
| Air Filter Element | L | R | L | L | E | L |
| R = Right Side L = Left Side E = Either Side T = Top - = Not Applicable | | | | | | |

5.7.2— Preliminary Instructions

1. See Subsection 5.4 —Remove From Service.
2. Remove left and right side access panels. See Subsection 5.2 —Access Panels.
3. Remove battery negative cable (black) from battery negative (-) terminal.

5.7.3— Check Enclosure Louvers

1. Verify that intake and exhaust louvers and openings are clean and unobstructed. Keep clear of leaves, grass, snow, and debris.
2. Wipe exterior surfaces clean using a damp cloth.
3. Loosen dirt, oil, etc. with a soft bristle brush.
4. Remove loose dirt and debris using a vacuum cleaner, or low pressure compressed air (not exceeding 25 psi).

NOTE: Periodically wash and wax enclosure using automotive type products. Frequent washing is recommended in salt water/coastal areas.

5.7.4— Check Fuel Lines

1. Check fuel lines for leaks. Tighten fittings and clamps, if necessary.
2. Check fuel lines for nicks, dents, kinks or other damage. Replace as necessary.

5.7.5— Check Coolant Level and Hoses

⚠ WARNING!



Do not add coolant when the engine is hot. Steam and scalding fluids can cause severe burns.

1. Verify that the coolant level is between the HOT and COLD marks on the overflow reservoir. See Figure 5-6.

NOTE: Coolant expands when hot, so the level may be higher than the HOT mark. Do not add coolant higher than the HOT mark.

2. If the coolant level is below the COLD mark, remove fill cap from overflow reservoir and add coolant. See Subsection 2.5 —Coolant Water Treatment.
3. Check coolant hoses for leaks. Tighten hose clamps, if necessary.
4. Check hoses for nicks, cuts, tears or general deterioration. Replace as necessary.

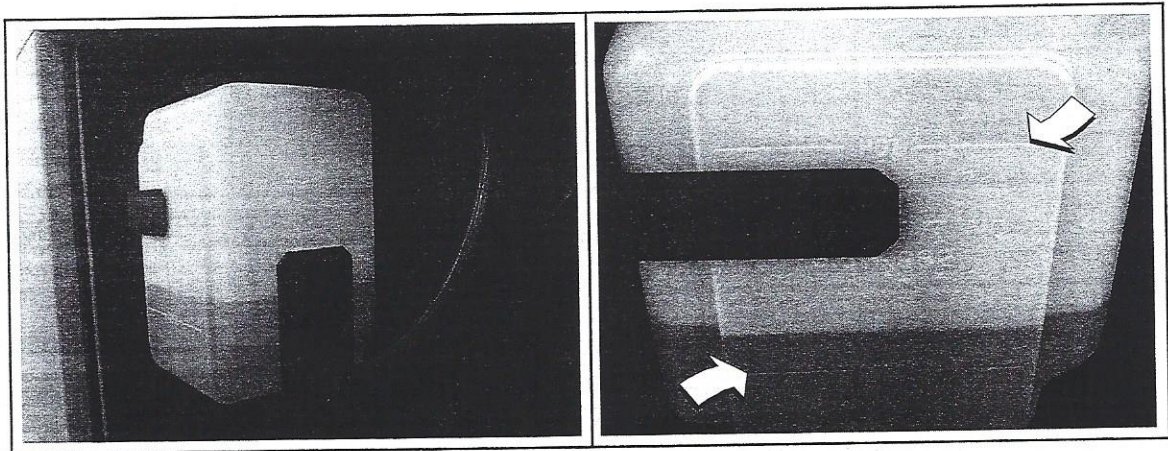


Figure 5-6. Coolant Overflow Reservoir

5.7.6— Check Radiator for Clogging

1. Direct beam of flashlight into enclosure to inspect the radiator fins.
2. Look for debris, accumulations of dirt or other deposits.
3. Carefully remove any debris from radiator fins. Use warm soapy water and a soft bristled brush to remove dirt and other deposits, if necessary.

5.7.7— Check Lubricating Oil Level and Drain Hose

NOTE: If changing engine lubricating oil and filter, see Subsection 5.7.8—Replace Lubricating Oil and Oil Filter.

1. If the engine was running, allow at least 10 minutes to elapse to ensure that the oil has fully drained into the oil pan.

NOTE: The most accurate oil level readings are obtained when the engine is cold.

2. Remove the dipstick and wipe dry with a clean, lint free cloth. See B of Figure 5-7
3. Slowly insert the dipstick into the dipstick tube.
4. Verify that the dipstick is fully seated in the dipstick tube.

NOTE: Some dipsticks require more effort to fully seat than others.

5. Allow at least 10 seconds to elapse.
6. Slowly remove the dipstick.

7. Verify that the oil level is at or near the FULL mark. Add oil as necessary. See A of Figure 5-7

NOTE: Observe the oil level on both sides of the dipstick. The lower of the two readings is the correct oil level measurement.

8. If necessary, remove the oil fill cap and slowly add oil. **Do not fill above "FULL" mark on dipstick.**
9. Install dipstick and oil fill cap.
10. Install battery negative cable (black) onto battery negative (-) terminal.
11. Pull up rubber flap covering fuse holder and install 7.5 amp fuse.
12. Press MANUAL on the control panel to start the engine.
13. Allow the engine to run for one minute.
14. Press OFF on the control panel to shut down the engine. A red LED illuminates to confirm that the system is in the OFF mode.
15. Return to step 1.

NOTE: The most common reasons for inaccurate oil level readings are:

- Reading the dipstick before the oil has fully drained into the oil pan.
 - Inserting and removing the dipstick too quickly.
 - Reading the dipstick when it has not been fully seated in the dipstick tube.
 - Reading only the high level side of the dipstick.
16. Check oil drain hose for leaks. Check hose for nicks, cuts, tears or general deterioration. Replace as necessary.
 17. Pull up rubber flap covering fuse holder and remove 7.5 amp fuse.
 18. Remove battery negative cable (black) from battery negative (-) terminal.

NOTE: On 36 kW, 45 kW, and 60 kW models, check the level of oil in the clean oil supply tank. Add clean oil as necessary. For more information, see Subsection 5.11 —Lube Oil Maintainer System.

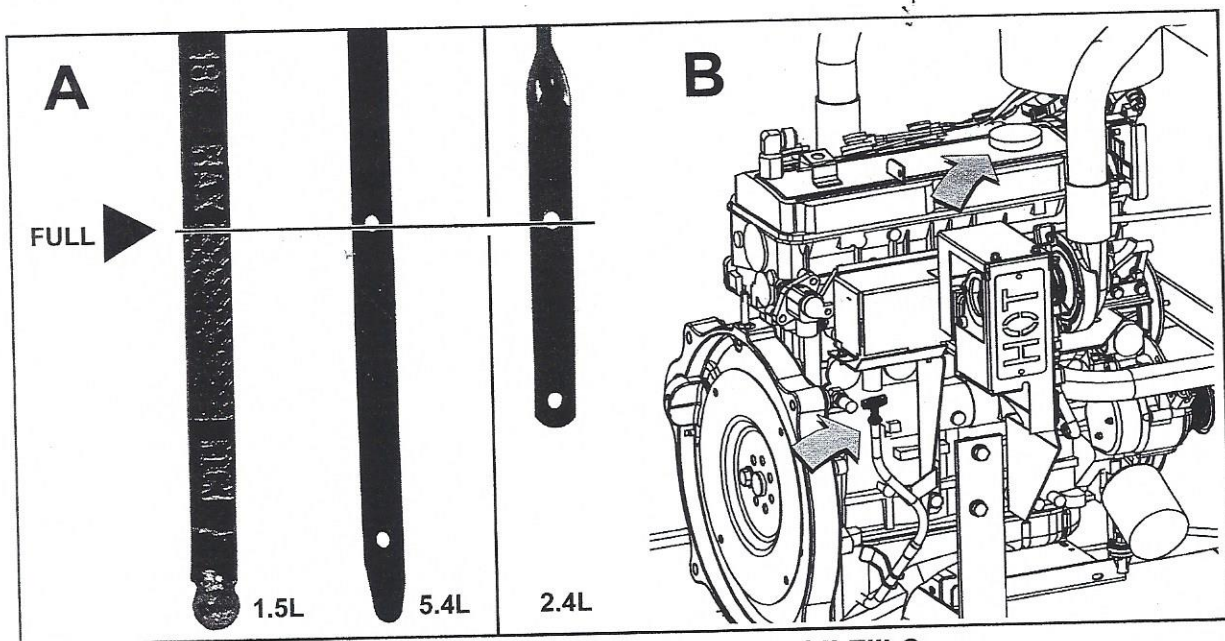


Figure 5-7. Oil Level Dipstick and Oil Fill Cap

5.7.8— Replace Lubricating Oil and Oil Filter

NOTE: On 36 kW, 45 kW, and 60 kW models, close shutoff valve to avoid draining the oil supply tank with the crankcase oil. For more information, see Subsection 5.11 —Lube Oil Maintainer System.

1. Remove oil drain hose from holding clamp. See A of Figure 5-8

- Use one wrench to hold hex on hose fitting (to prevent rotation), and use second wrench to remove drain plug.

▲ WARNING!



Hot oil may cause burns. Allow engine to cool before draining oil. Avoid prolonged or repeated skin exposure with used oil. Thoroughly wash exposed areas with soap

- Drain oil into a suitable container.
- Install drain plug onto end of oil drain hose.
- Install oil drain hose into holding clamp.
- Rotate oil filter counterclockwise to remove from oil filter adapter. See B of Figure 5-8
- Apply a light coat of clean engine oil to gasket of **new** oil filter.
- Install oil filter by hand until gasket just contacts oil filter adapter. Tighten oil filter an additional 3/4 to one full turn.
- Remove fill cap and fill engine with the recommended quantity and type of oil. See Subsection 2.3 —Engine Oil Recommendations. Crankcase oil capacity is listed below:

| Lubrication System Capacity (Oil Pan Including Oil Filter) | | | | | | |
|--|----------|----------|----------|----------|-------|-------|
| Model | 22/27 kW | 25-30 kW | 32/38 kW | 36/45 kW | 48 kW | 60 kW |
| Engine | 2.4L | 1.5L | 2.4L | 2.4L | 5.4L | 2.4L |
| 4.0 quarts (3.8 liters) | ○ | ○ | ○ | ○ | | |
| 6.0 quarts (5.7 liters) | | | | | ○ | |
| 5.25 quarts (5 liters) | | | | | | ○ |

- Install fill cap.
- Install battery negative cable (black) onto battery negative (-) terminal.
- Pull up rubber flap covering fuse holder and install 7.5 amp fuse.
- Press MANUAL on the control panel to start the engine.
- Allow the engine to run for one minute. Check for leaks while the engine is running.
- Press OFF on the control panel. A red LED illuminates to confirm that the system is in the OFF mode.
- Wait ten minutes for the engine to cool and to allow oil to drain back to the oil pan.
- Check oil level and add oil as necessary. See Subsection 5.7.7—Check Lubricating Oil Level and Drain Hose.
- Install fill cap.

NOTE: On 36 kW, 45 kW, and 60 kW models, open shutoff valve to enable Lube Oil Maintainer System.

NOTE: Dispose of used oil and oil filter at a proper collection center.

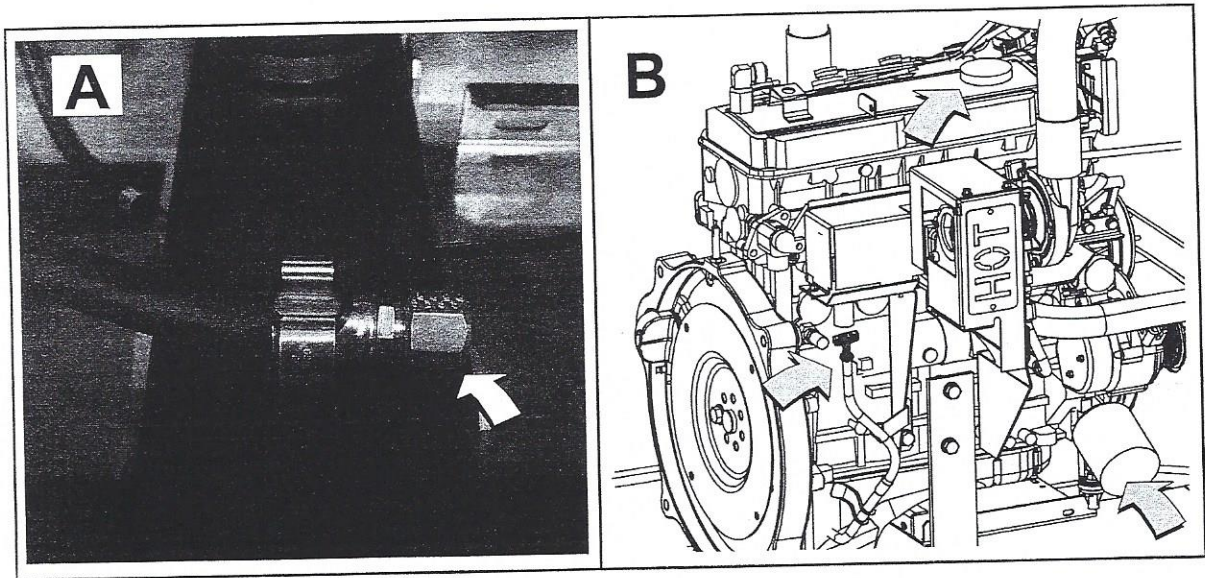


Figure 5-8. Oil Drain Hose, Fill Cap, Dipstick and Filter

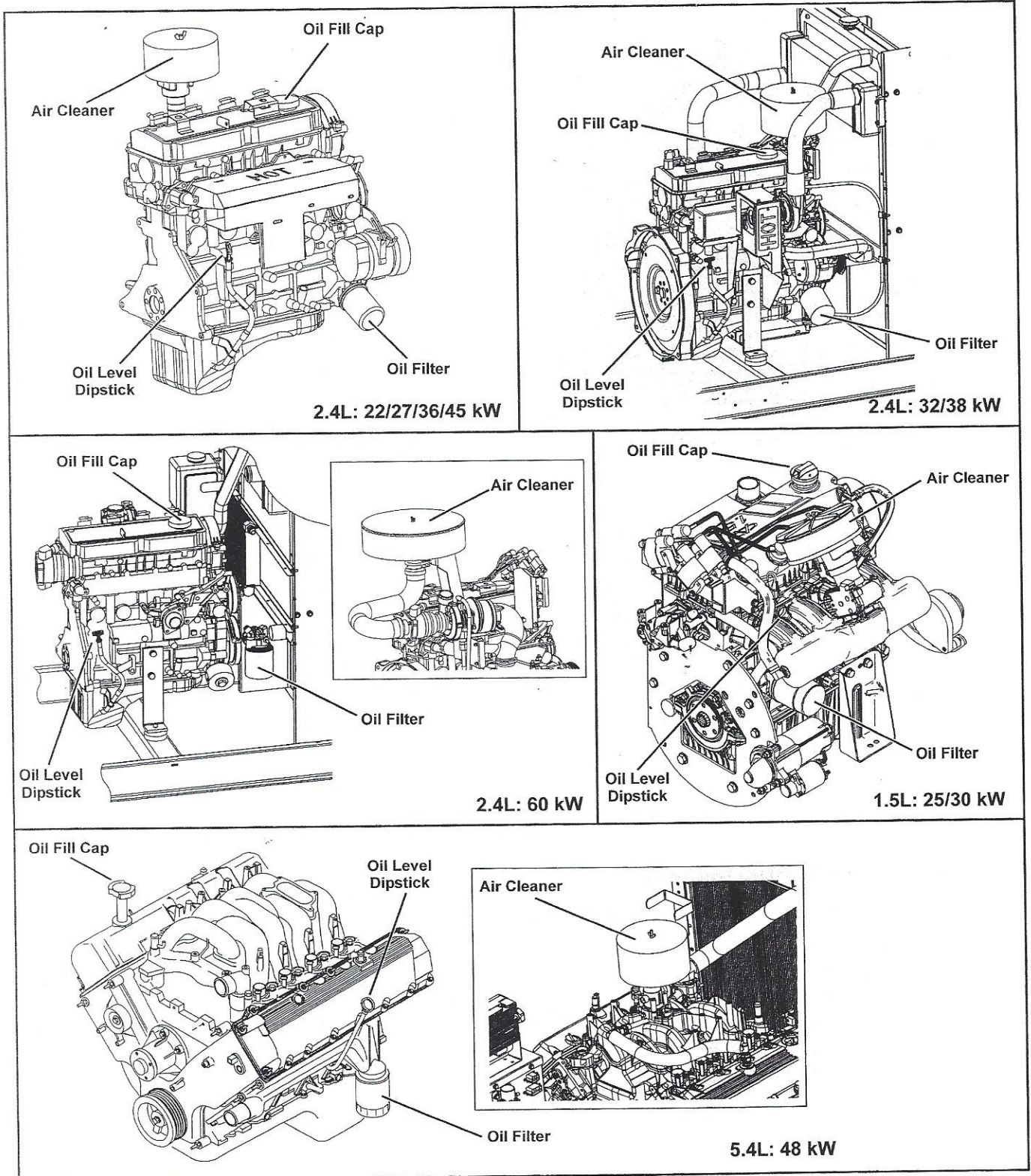


Figure 5-9. Engine Oil and Air Cleaner Maintenance (All Models)

5.7.9— Check Battery Condition/Fluid Level

5.7.9.1— Check Condition and Clean

1. Verify that top of battery is clean and dry. Dirt and electrolyte on top of the battery can cause battery to self-discharge. Clean battery top with a solution of baking soda (sodium bicarbonate) and water (5 teaspoons baking soda per quart or liter of water). When solution stops bubbling, rinse off the battery with clean water.
2. Clean cable clamps and battery terminals using a wire brush or sandpaper to remove any oxidation.
3. Inspect battery screws, clamps and cables for breakage, loose connections and corrosion. Tighten and clean as necessary.
4. Check the battery posts for melting or damage caused by over tightening.
5. Inspect battery for discoloration, raised top or a warped or distorted case, which might indicate that the battery has been frozen, overheated or overcharged.
6. Inspect the battery case for cracks or leaks.
7. Check the battery fluid level of unsealed batteries. See Subsection 5.7.9.2—Check Fluid Level.
8. Check the battery state of charge. See Subsection 5.7.9.3—Check State of Charge.
9. Replace battery if necessary. See Subsection 5.7.9.4—Battery Replacement.

5.7.9.2— Check Fluid Level

Check the fluid level of unsealed batteries. If necessary, fill with distilled water only. DO NOT use tap water.

5.7.9.3— Check State of Charge

Check the state of charge using a Digital Multimeter. Recharge and retest if state of charge is below manufacturer's recommendations. Replace battery if necessary.

5.7.9.4— Battery Replacement

Removal



▲ CAUTION! Always disconnect the negative battery cable first. If the positive cable should contact ground with the negative cable installed, the resulting sparks may cause a battery explosion which could result in serious injury.

1. Remove battery negative cable (black) from battery negative (-) terminal.
2. Remove battery positive cable (red) from battery positive (+) terminal.
3. Install rubber protective cover over battery positive (+) terminal. See A of Figure 5-11
4. Loosen two screws with nylon washers to release battery hold-down clamp from battery tray.
5. Grasp battery strap, and lift battery from battery tray. See B of Figure 5-11
6. Remove rubber protective cover from battery positive (+) terminal.

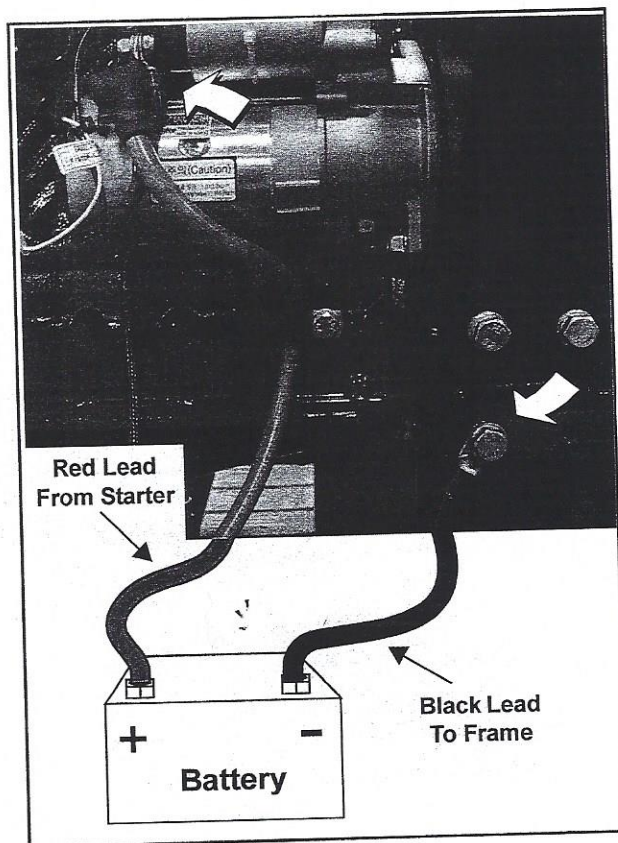


Figure 5-10. Battery Cable Connections

Installation

⚠ CAUTION!



Always connect the positive battery cable first. If the positive cable should contact ground with the negative cable installed, the resulting sparks may cause a battery explosion which could result in serious injury.

1. Install rubber protective cover over battery positive (+) terminal. See A of Figure 5-11
2. Grasp battery strap and lift battery. See B of Figure 5-11
3. Set battery onto battery tray.
4. Tighten two screws with nylon washers to secure hold-down clamp to battery tray.
5. Remove rubber protective cover from battery positive (+) terminal.
6. Install battery positive cable (red) to battery positive (+) terminal.
7. Install battery negative cable (black) to battery negative (-) terminal.

NOTE: If continuing with Schedule A maintenance procedures, leave the battery negative cable (black) disconnected.

5.7.10— Check and Adjust Accessory/ Drive Belt

5.7.10.1— Check

Check the accessory/drive belt condition.

1. Perform visual inspection as follows:
 - Inspect belt for cracks, fraying, excessive wear or other damage.
 - Verify that belt is free of grease and oil. Replace belt if contaminated.

NOTE: Use a solution of soap and warm water to clean pulleys, if necessary. Avoid use of solvents, but if used, always follow by a soap and water wash.

2. Check the fan belt deflection. Adjust the belt deflection as follows:
 - Using a suitable gauge, apply 22 lbs (10 kgf) force midway between the water pump and alternator pulleys. See Figure 5-12

NOTE: 5.4L (48 kW) units are provided with an automatic belt tensioner and do not need adjustment.

- Take note of gauge reading. If belt deflection is not within specification, see Subsection 5.7.10.2—Adjust.

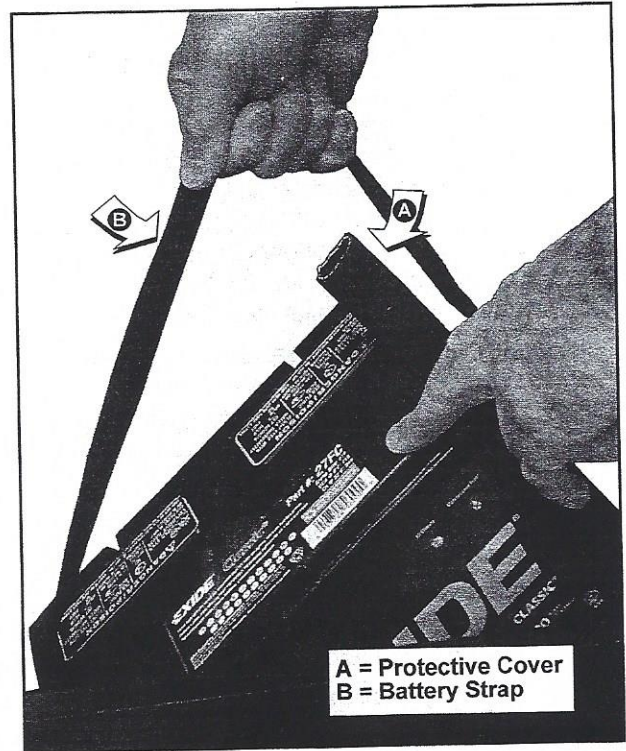


Figure 5-11. Remove/Install Battery

| Belt Deflection | English | Metric |
|-----------------|------------------|---------------|
| | 3/8 - 5/8 Inches | 7.6 - 12.7 cm |

5.7.10.2— Adjust

1. Loosen DC alternator tension bracket screw. Rotate alternator outward to reduce belt deflection, rotate inward to increase belt deflection.
2. Tighten DC alternator tension bracket screw to 17-22 ft-lbs (23-30 N-m).
3. Recheck belt deflection and repeat steps as necessary.

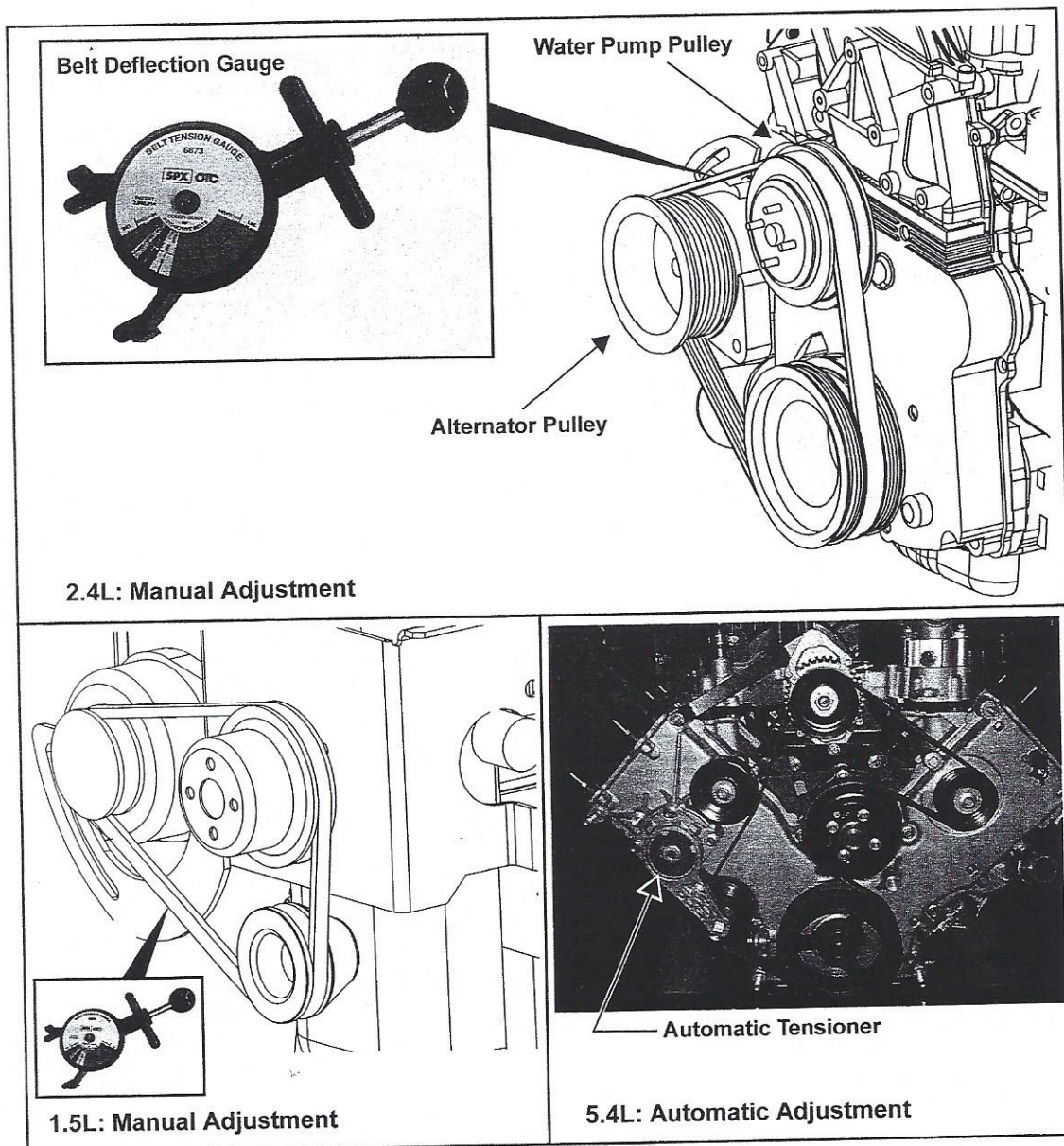


Figure 5-12. Check Accessory/Drive Belt Deflection

5.7.11— Replace Air Filter Element

1. Remove wing nut, lock washer and flat washer from threaded rod to release air cleaner cover. See Figure 5-13
2. Remove the air filter element and discard.
3. Thoroughly clean air cleaner cover of any dust, dirt, or debris.
4. Place **new** air filter element against adapter flange.

NOTE: The air filter element is not directional.

5. Install air cleaner cover over threaded rod. Install flat washer, lock washer and wing nut. Tighten wing nut until snug.

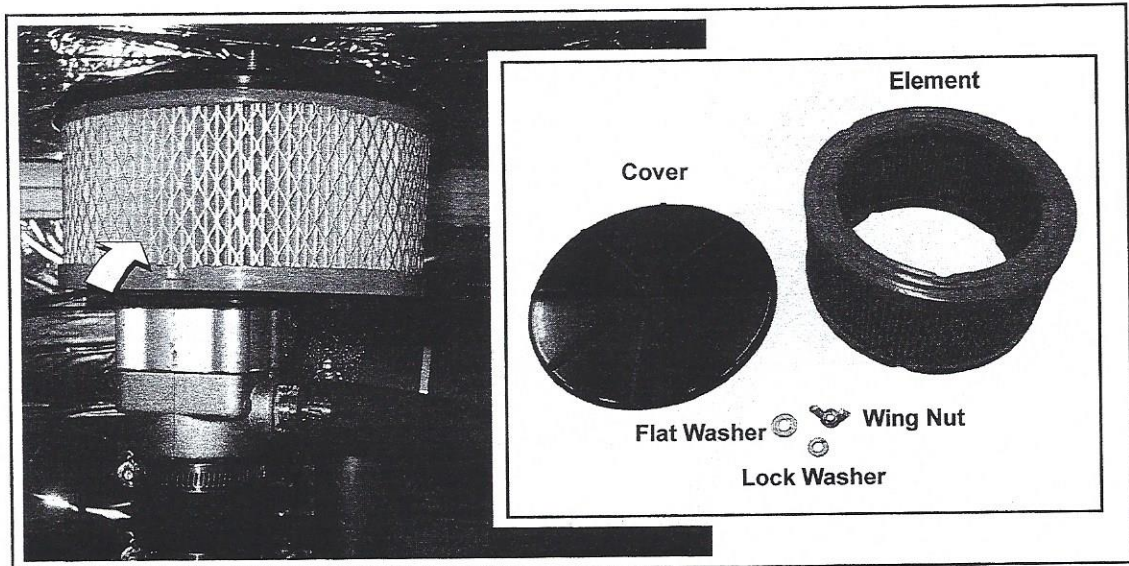


Figure 5-13. Air Cleaner Cover and Filter Element

NOTE: Service kits are available from Independent Authorized Service Dealers.

5.7.12— Final Instructions

If only performing Schedule A maintenance procedures, proceed as follows:

1. Install battery negative cable (black) onto battery negative (-) terminal.
2. Install left and right side access panels. See Subsection 5.2 —Access Panels.
3. See Subsection 5.10 —Return To Service.

5.8 — Schedule B Maintenance

NOTE: Perform Schedule B maintenance every two years or after 250 hours of service, whichever comes first. Before proceeding below, first perform all tasks listed under Schedule A Maintenance.

NOTE: The 2.4L (32 kW) unit is depicted in the artwork used in this manual. For the general location of components in all other models, see Subsection 5.8.1—Schedule B Maintenance Item Locations.

5.8.1— Schedule B Maintenance Item Locations

NOTE: The side of the enclosure with the viewing window is identified as the rear of the generator set. The right and left sides are identified by standing at the rear and looking towards the front of the unit.

| Model | 22/27 kW | 25/30 kW | 32/38 kW | 36/45 kW | 48 kW | 60 kW |
|--|----------|----------|----------|----------|-------|-------|
| Engine | 2.4L | 1.5L | 2.4L | 2.4L | 5.4L | 2.4L |
| Coolant Drain Hose | L | R | L | L | R | L |
| Radiator Fill Cap | T | T | T | T | T | T |
| Coolant Overflow Reservoir | L | L | L | L | L | L |
| Spark Plugs | L | R | L | L | B | L |
| R = Right Side L = Left Side B = Both Sides T = Top | | | | | | |

5.8.2— Drain/Flush Coolant System

1. Disconnect and empty coolant overflow reservoir.
2. Install and connect coolant overflow reservoir.

⚠ WARNING!

⚠ Verify that the engine is cool before removing the radiator cap. The cooling system is under pressure, so steam and hot liquid can come out forcefully when the cap is loosened.

3. Rotate and remove plastic cover at top of enclosure.
4. Slowly unscrew radiator cap.
5. Locate drain cock at bottom left side of radiator.

NOTE: If unit is not equipped with drain hose, install suitable length of rubber hose to drain cock.

6. Rotate hex fitting to open drain cock. See A of Figure 5-14
7. Remove coolant drain hose from holding clamp.
8. Use wrench to hold hex on hose fitting (to prevent rotation), and use second wrench to remove drain plug.
9. Drain coolant into a suitable container.
10. Install plug at end of drain hose.
11. Install drain hose in holding clamp.
12. Rotate hex fitting to close radiator drain cock.
13. Obtain the recommended quantity and type of coolant. See Subsection 2.5 —Coolant Water Treatment.

| System Coolant Capacity | | | | | | |
|---------------------------|----------|----------|----------|----------|-------|-------|
| Model | 22/27 kW | 25/30 kW | 32/38 kW | 36/45 kW | 48 kW | 60 kW |
| Engine | 2.4L | 1.5L | 2.4L | 2.4L | 5.4L | 2.4L |
| 2.0 gallons (7.6 liters) | | ○ | | | | |
| 2.5 gallons (9.5 liters) | ○ | | ○ | ○ | | ○ |
| 3.0 gallons (11.4 liters) | | | | | ○ | |

14. Insert funnel into filler neck of radiator. See B of Figure 5-14
15. Slowly pour coolant into filler neck until radiator is full.
16. Install radiator cap.
17. Press MANUAL on the control panel to start the engine. A blue LED illuminates to confirm that the system is in the MANUAL mode.
18. Allow engine to run until the thermostat opens, as indicated by heating of the top radiator hose.
19. Check coolant hoses for leaks. Tighten clamps, if necessary.
20. Press OFF on the control panel to shut the engine down.
21. Wait for the engine to cool.
22. Repeat steps 4-21 to drain and refill cooling system.
23. Slowly unscrew radiator cap. Slowly pour coolant into filler neck until radiator is full.
24. Add coolant to the overflow reservoir. See Subsection 5.7.5—Check Coolant Level and Hoses.
25. Install plastic cover at top of enclosure and rotate until tight.
26. Check hoses for nicks, cuts, tears or general deterioration. Replace as necessary.

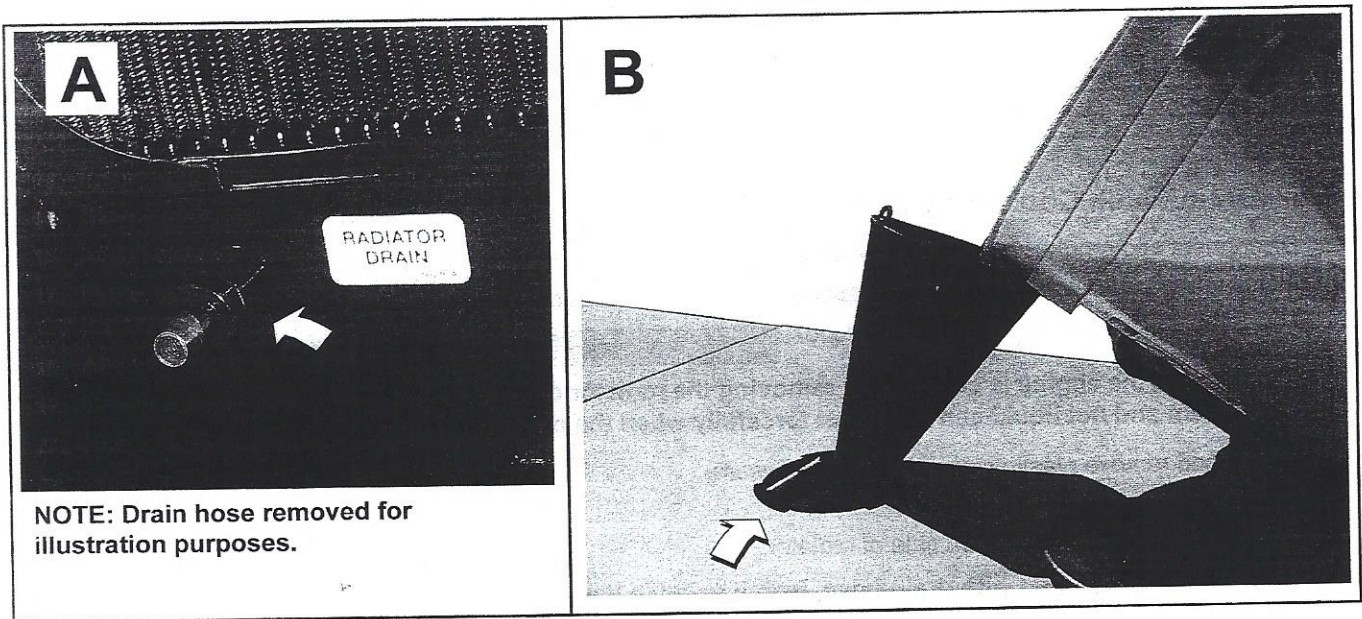


Figure 5-14. Drain/Fill Coolant System

5.8.3— Clean/Gap/Replace Spark Plugs

Clean, gap or replace spark plugs as follows:

⚠ DANGER!



Never disconnect a spark plug with the engine running. Doing so will result in an electric shock that could result in death or serious injury.

1. Remove battery negative cable (black) from battery negative (-) terminal.
2. Remove spark plug cables from spark plug terminals. See A of Figure 5-15

NOTE: When disconnecting spark plug cable from spark plug terminal, always grasp and pull on the boot at the terminal end of the cable. Pulling on cable portion can result in parts damage.

3. Thoroughly clean area around spark plugs.
4. Remove spark plugs from cylinder head using a 5/8 inch spark plug socket.

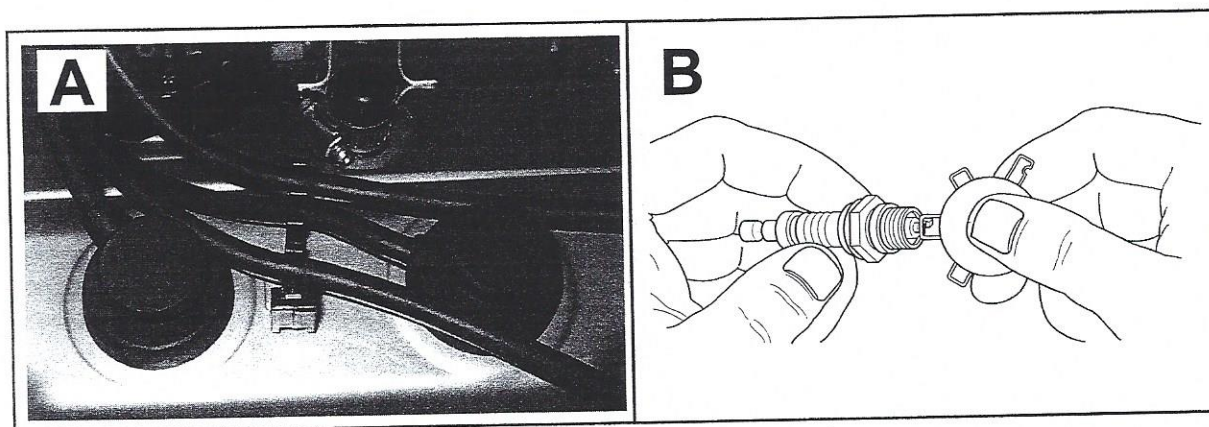


Figure 5-15. Adjust Spark Plug Gap

5. Check condition of threads in cylinder head and on spark plugs. If necessary, soften deposits with penetrating oil and clean out with a thread chaser.
6. Clean spark plugs using a wire brush and commercial solvent. Do not blast spark plugs. Use **new** spark plugs if necessary.
7. See B of Figure 5-15 Check spark plug gap using a wire feeler gauge. Adjust gap by carefully bending ground electrode as follows:

| Spark Plug Gap | | | | | | |
|--------------------------------|----------|----------|----------|----------|-------|-------|
| Model | 22/27 kW | 25/30 kW | 32/38 kW | 36/45 kW | 48 kW | 60 kW |
| Engine | 2.4L | 1.5L | 2.4L | 2.4L | 5.4L | 2.4L |
| 0.71 mm (0.028 in.) | | | ○ | ○ | | ○ |
| 0.9 mm (0.035 in.) | | ○ | | | | |
| 1.07-1.17 mm (0.042-0.046 in.) | ○ | | | ○ | | |
| 1.29-1.45 mm (0.051-0.057 in.) | | | | | ○ | |

8. Finger tighten spark plugs into cylinder head, and then using a spark plug socket, tighten as follows:

| Spark Plug Torque | | |
|-------------------|--------|-----|
| Engine | ft-lbs | N-m |
| 1.5L, 2.4L | 18 | 25 |
| 5.4L | 13 | 18 |

9. Install spark plug cables onto spark plug terminals.
10. Verify that spark plug cables are captured in cable clips at top of valve cover.

5.8.4— Final Instructions

If only performing Schedule A and Schedule B maintenance procedures, proceed as follows:

1. Install battery negative cable (black) onto battery negative (-) terminal.
2. Install left and right side access panels. See Subsection 5.2 —Access Panels.
3. See Subsection 5.10 —Return To Service.

14. Insert funnel into filler neck of radiator. See B of Figure 5-14
15. Slowly pour coolant into filler neck until radiator is full.
16. Install radiator cap.
17. Press MANUAL on the control panel to start the engine. A blue LED illuminates to confirm that the system is in the MANUAL mode.
18. Allow engine to run until the thermostat opens, as indicated by heating of the top radiator hose.
19. Check coolant hoses for leaks. Tighten clamps, if necessary.
20. Press OFF on the control panel to shut the engine down.
21. Wait for the engine to cool.
22. Repeat steps 4-21 to drain and refill cooling system.
23. Slowly unscrew radiator cap. Slowly pour coolant into filler neck until radiator is full.
24. Add coolant to the overflow reservoir. See Subsection 5.7.5—Check Coolant Level and Hoses.
25. Install plastic cover at top of enclosure and rotate until tight.
26. Check hoses for nicks, cuts, tears or general deterioration. Replace as necessary.

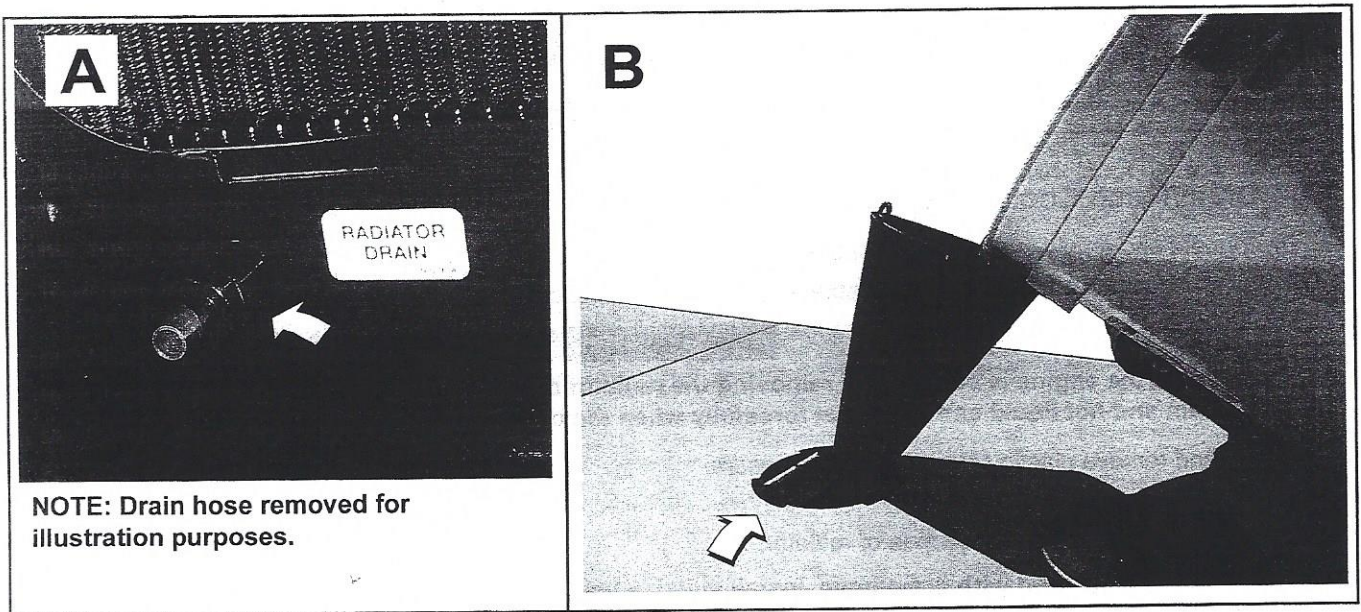


Figure 5-14. Drain/Fill Coolant System

5.8.3— Clean/Gap/Replace Spark Plugs

Clean, gap or replace spark plugs as follows:

⚠ DANGER!



Never disconnect a spark plug with the engine running. Doing so will result in an electric shock that could result in death or serious injury.

1. Remove battery negative cable (black) from battery negative (-) terminal.
2. Remove spark plug cables from spark plug terminals. See A of Figure 5-15

NOTE: When disconnecting spark plug cable from spark plug terminal, always grasp and pull on the boot at the terminal end of the cable. Pulling on cable portion can result in parts damage.

3. Thoroughly clean area around spark plugs.
4. Remove spark plugs from cylinder head using a 5/8 inch spark plug socket.

5.9 — Schedule C Maintenance

NOTE: Perform Schedule C maintenance after 1000 hours of service. Before proceeding below, first perform all tasks listed under Schedule A Maintenance and Schedule B Maintenance.

⚠ CAUTION!



The following procedures require special tools and skills. Contact an authorized service provider to perform these tasks.

1. Remove battery negative cable (black) from battery negative (-) terminal.
2. Proceed as follows:
 - Replace Timing Belt (2.4L engines only)
 - Tighten Critical Fasteners

NOTE: Reset the A-B-C/Year time maintenance schedule counter using the Dealer Sub Menu (password required).

3. Install battery negative cable (black) onto battery negative (-) terminal.
4. Install front access panel. Install left and right side access panels. See Subsection 5.2 —Access Panels.
5. See Subsection 5.10 —Return To Service.

5.10 — Return To Service

After inspection, maintenance or service of the generator, return the unit to service as follows:

1. Pull up rubber flap covering fuse holder and install 7.5 amp fuse. See A of Figure 5-16.
2. Install T1 fuse in transfer switch.
3. Press AUTO on the control panel. A green LED illuminates to confirm that the system is in the AUTO mode. See B of Figure 5-16.
4. Move the Main Circuit Breaker switch up to the ON (Closed) position. See C of Figure 5-16.
5. Close the viewing window.
6. Remove the DO NOT OPERATE tag or placard from both the control panel and transfer switch.
7. Reset the time and date.

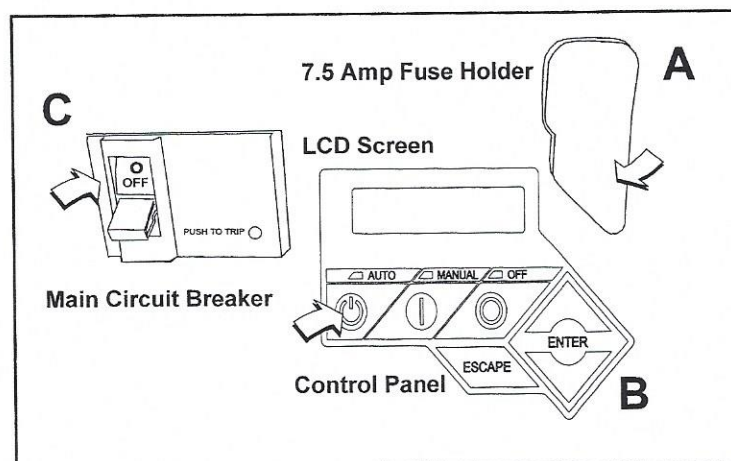


Figure 5-16. Generator Control Panel

5.11 — Lube Oil Maintainer System

5.11.1— Description

NOTE: Oil reservoir is empty when shipped from factory. Fill with clean engine oil to activate the system.

The 36 kW, 45 kW, and 60 kW models are equipped with a Lube Oil Maintainer System. The system is installed at the factory and calibrated at the factory to the correct engine-running crankcase oil level. As needed, the system keeps the engine lubricating oil full by automatically adding clean oil from the oil supply tank.

See A of Figure 5-17. The green bar observed through the viewing lens shows the normal oil level operating range of the Lube Oil Maintainer Regulator during engine running operation. When the oil level is within the green bar, the internal float holds the inlet valve closed to keep the crankcase oil at the current level.

As the engine uses oil, the float drops to open the inlet valve and allow clean oil to be supplied to the crankcase, replenishing engine oil to the full mark indicated on the oil dipstick. The float then rises with the crankcase oil level until it reaches a point where the inlet valve closes.

When the oil level as observed through the viewing lens is below the normal operating range green bar, it is an indication that the oil supply tank is low or the oil inlet screen is clogged. See B of Figure 5-17.

NOTE: It is normal for the oil level to be above the normal operating range green bar when engine is not running.

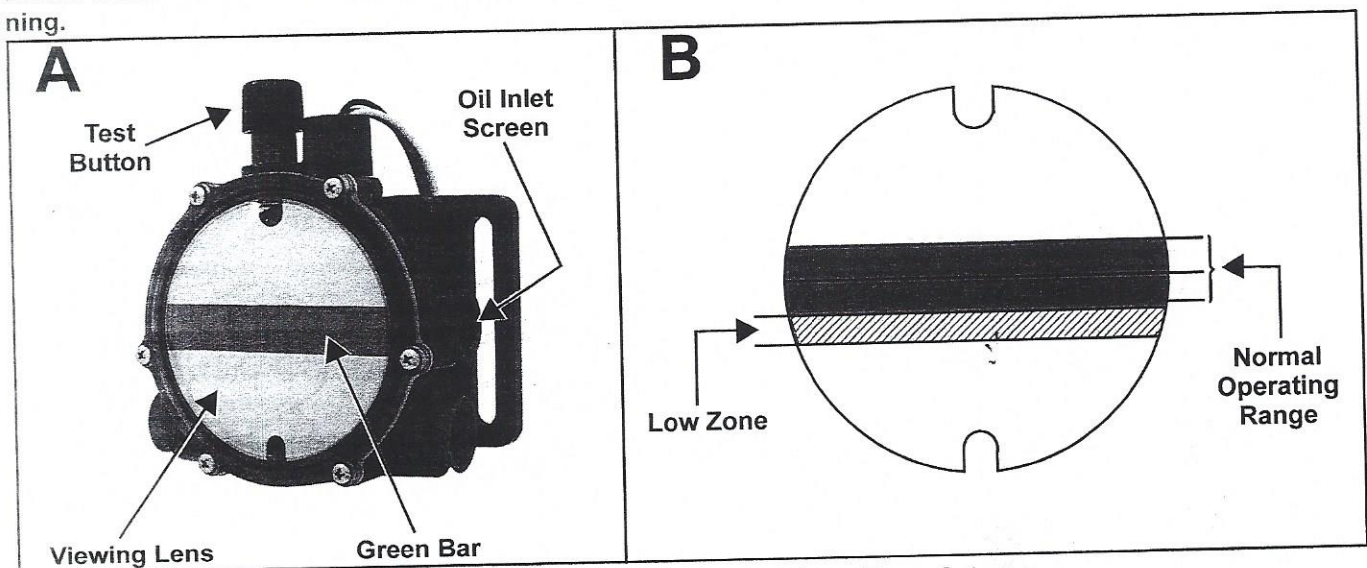


Figure 5-17. Lube Oil Maintainer Regulator

NOTE: When changing engine oil, always close the shutoff valve to avoid draining the clean oil in the oil supply tank with the crankcase oil. See Figure 5-19.

5.11.2— Fill Oil Supply Tank

1. Rotate plastic cover counter-clockwise and remove from top of enclosure. See Figure 5-18.
2. Remove fill cap at top of oil supply tank (Figure 5-20).
3. Add clean engine oil to oil supply tank (2-1/2 gallons [9.46 liters] capacity).
4. Install fill cap at top of oil supply tank.
5. Install plastic cover at top of enclosure and rotate clockwise until tight.

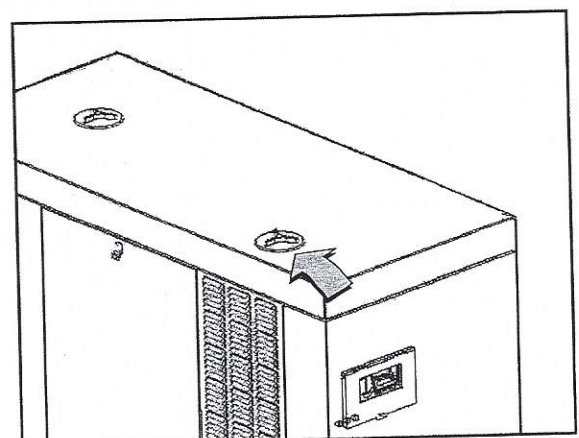


Figure 5-18. Access Oil Supply Tank

5.11.3— Test Functionality

See A of Figure 5-17. Momentarily press the test button to confirm that the float is operating correctly.

⚠ CAUTION!



Do not hold the test button down for a prolonged period of time or the crankcase can be over filled. Over filling the crankcase can result in engine damage.

5.11.4— Shutoff Valve

See Figure 5-19 and Figure 5-20. When draining engine crankcase oil, always close shutoff valve to avoid draining clean oil from supply tank.

After filling crankcase with clean oil, remember to open shutoff valve to enable operation of Lube Oil Maintainer System.

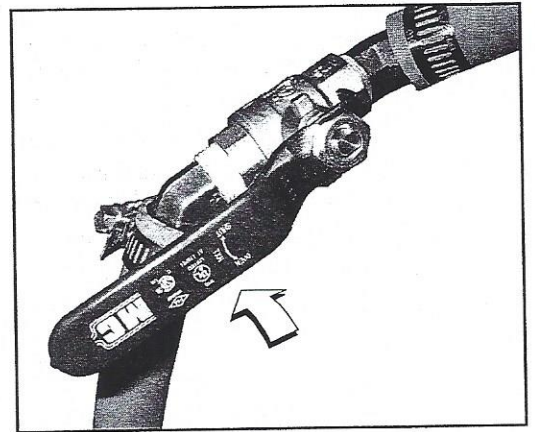


Figure 5-19. Shutoff Valve (Shown in Open Position)

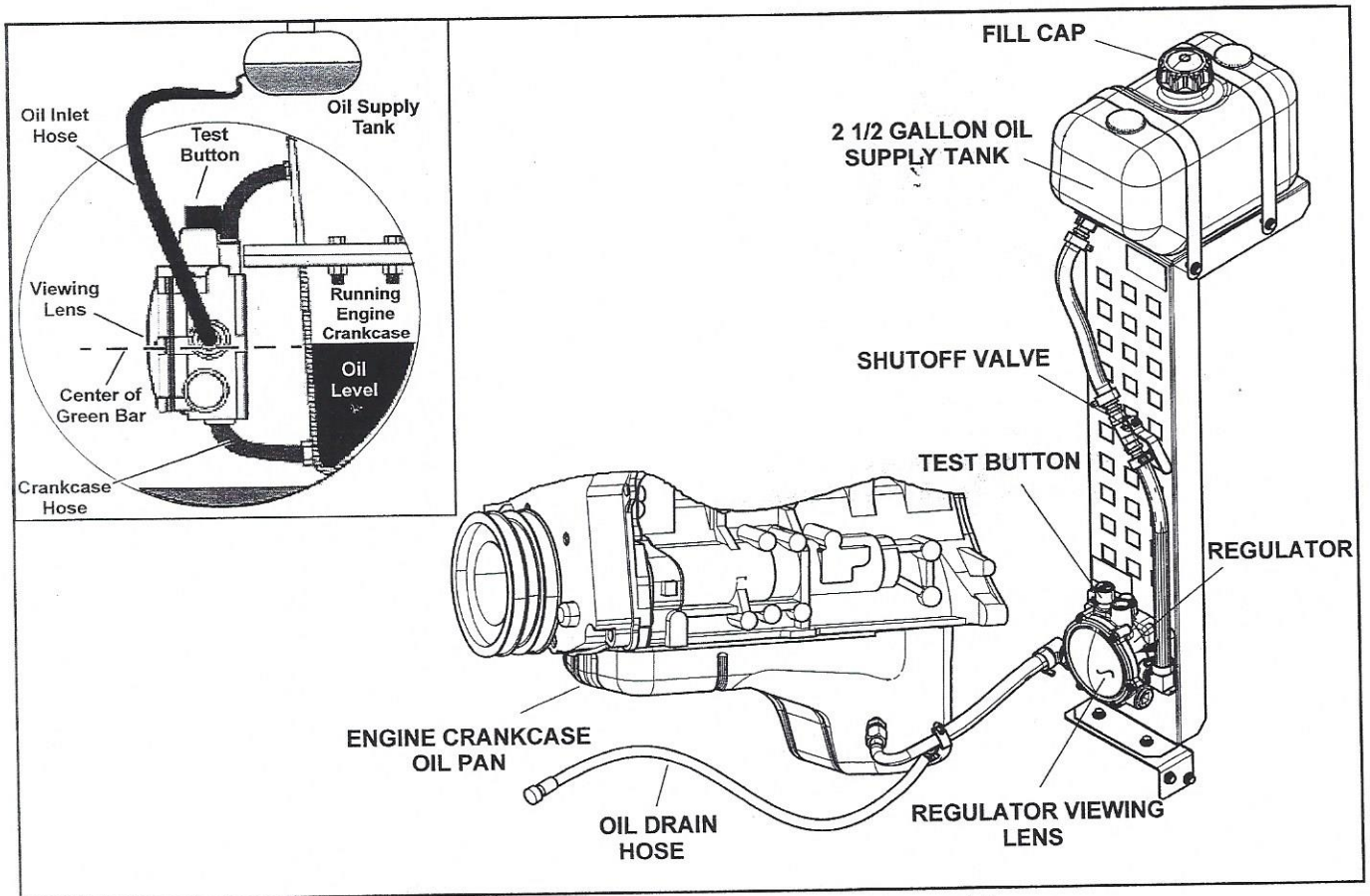


Figure 5-20. Lube Oil Maintainer Assembly and Function Diagram

CONSUMER-FRIENDLY SUMMARY OF THE EMERGENCY ENVIRONMENTAL CONTROL PLAN

| Facility Information | | |
|---|--|------------------|
| Facility Name: Walton Place | | |
| Facility Type: <input type="checkbox"/> Nursing Home | <input checked="" type="checkbox"/> Assisted Living Facility | License # 12859. |
| Street Address: 501 S Walton Ave | | |
| City: Tarpon Springs | County: Pinellas | Zip: 34689 |
| Administrator Name: John Ross | | |
| Contact Number(s): 727-919-4935 | | |
| This Facility Is: | | |
| <input type="checkbox"/> Located on a campus with other facilities under common ownership | | |
| <input type="checkbox"/> Located in a multistory building | | |
| <input checked="" type="checkbox"/> A stand-alone single story building | | |

| Alternate Power Source | | |
|--|---|---|
| Onsite Alternate Power Source: | | |
| <input type="checkbox"/> Portable generator | <input checked="" type="checkbox"/> Fixed generator | <input type="checkbox"/> Other: _____ |
| Make: Generac | Make: | Make: |
| Model: Protector | Model: | Model: |
| Size: 60Kw | Size: | Size: |
| The alternate power source is capable of powering the following equipment: | | |
| <input type="checkbox"/> Entire Facility | <input checked="" type="checkbox"/> Lights | <input checked="" type="checkbox"/> Refrigeration |
| <input checked="" type="checkbox"/> Air Conditioning | <input checked="" type="checkbox"/> Heating Systems | <input type="checkbox"/> Other: _____ |

| Cooling Method |
|---|
| The following kind(s) of equipment will be used to cool the facility: |
| <input checked="" type="checkbox"/> Air Conditioner(s) |
| <input type="checkbox"/> Spot Cooler(s) |
| <input type="checkbox"/> Chiller |
| <input type="checkbox"/> Fan(s) |
| <input type="checkbox"/> Other: _____ |

| Temperature Controlled Area(s) |
|--|
| The area(s) the facility plans to keep at 81 degrees or below using the emergency power source is: |
| <input checked="" type="checkbox"/> Within the licensed facility |
| <input type="checkbox"/> In another location on the campus |
| The following area(s) will be cooled. |
| <input type="checkbox"/> Entire Facility |
| <input type="checkbox"/> Living Room |
| <input type="checkbox"/> Dining Room |
| <input type="checkbox"/> Resident Room(s) |
| <input checked="" type="checkbox"/> Common Area(s) |
| <input type="checkbox"/> Hallways |
| <input type="checkbox"/> Other Area(s): _____ |
| The net square footage of the area to be cooled is <u>4800</u> square feet. |
| How many people are planned to use this area? <u>100</u> |
| Will there be beds available in the cooled area? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |

| Plan Implementation |
|---|
| The Emergency Environmental Control Plan was fully implemented on <u>11/15/2017</u> |
| (Date) |

Walton Place

Generator Policy

1. Facility staff will be trained that the facility has a generator all new staff will be trained as part of the pre-service orientation which is on a automatic transfer switch if the generator does not come on in 30 seconds must call administration the senior staff on duty will be responsible to communicate to admin any time generator does activate due to a power outage of any kind while on generator a admin staff will remain on site. Fuel is supplied by Pipeline and therefore nothing staff can do regarding the Fuel. Staff will monitor temperature and record readings every 20 minutes while on generator to make sure no resident is affected by heat or cold. Facility has 2-5ton HVAC units on the generator to insure adequate space is cooled for residents.
2. The facility has three backup cooling units that can be added to other areas and run on generator if needed they are stored in large closet in Memory care. All refrigeration in the building is on the generator including ice machine so cooling is not a problem we have secondary ice bin which can be filled with 400 pounds of ice prior to storm.
3. Staff will do wellness checks every 30 min while we are on generator to ensure all residents are staff and their needs are met. Check for dehydration or any heat injury during this time. Admin staff on duty will handle all issues.
4. Our facility shares a service road with the local Fire Dept an it functions as the EOC for Tarpon Springs we can walk out our back door in to the fire station and get help

5. The generator was used during Irma and performed flawlessly and we were able to keep all cool and safe. All systems worked as intended and there was no disruption in service

6. Facility admin will test generator on a monthly basis and be responsible for following maintenance guidelines for the generator as provided by Generac.