ELECTRICAL WIRING DIAGRAM

YDG2700EV-6EH

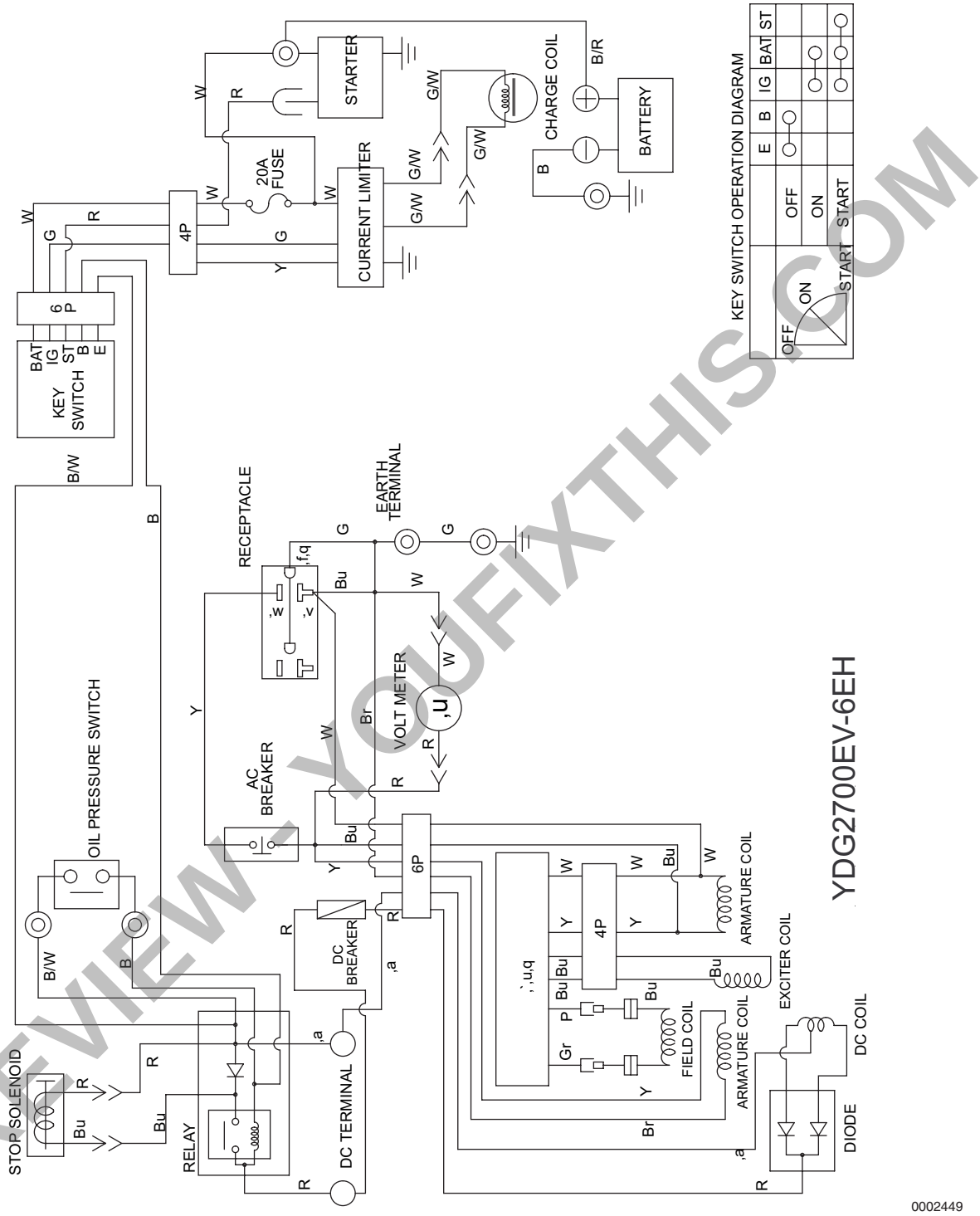


Figure 3

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COMPONENT IDENTIFICATION

YDG2700EV-6EH

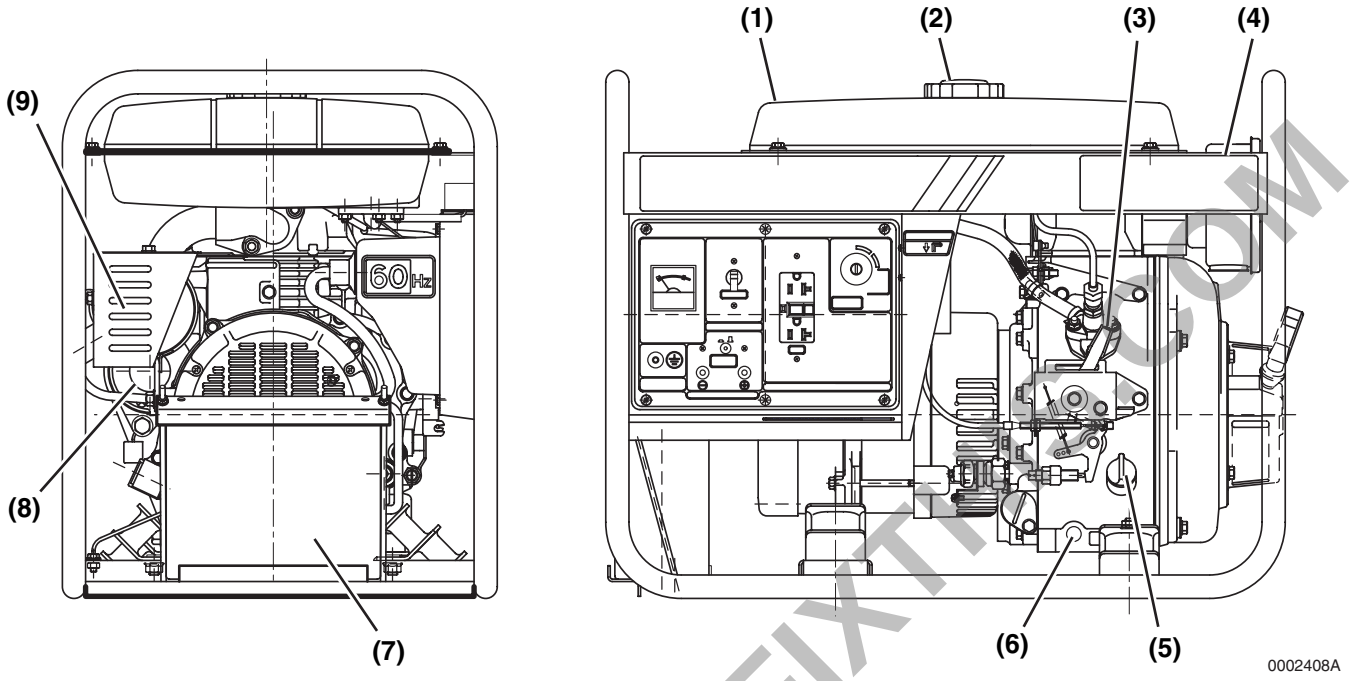


Figure 1

1. Fuel Tank
2. Fuel Filler Cap
3. Engine Control Lever
4. Air Cleaner
5. Oil Filler Cap / Dipstick
6. Oil Drain Plug (one located on each side of engine)
7. Battery
8. Starter Motor
9. Muffler

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TROUBLESHOOTING CHART

SYMPTOM	PROBABLE CAUSE	ACTION	REFER TO
Engine Does Not Start			
• Starter motor operates but engine does not start	• No diesel fuel	• Refuel fuel system	*Filling The Fuel Tank on page 46*
	• Engine control lever not in the run position	• Move engine control lever to the run position	
	• Engine oil level low	• Check and fill oil to proper level	
	• Improper diesel fuel	• Replace with recommended diesel fuel	*Diesel Fuel Specifications on*

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SPECIFICATIONS

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PERIODIC MAINTENANCE

○: Check ◇: Replace ●: Contact your authorized Yanmar industrial engine dealer or distributor for these maintenance services.

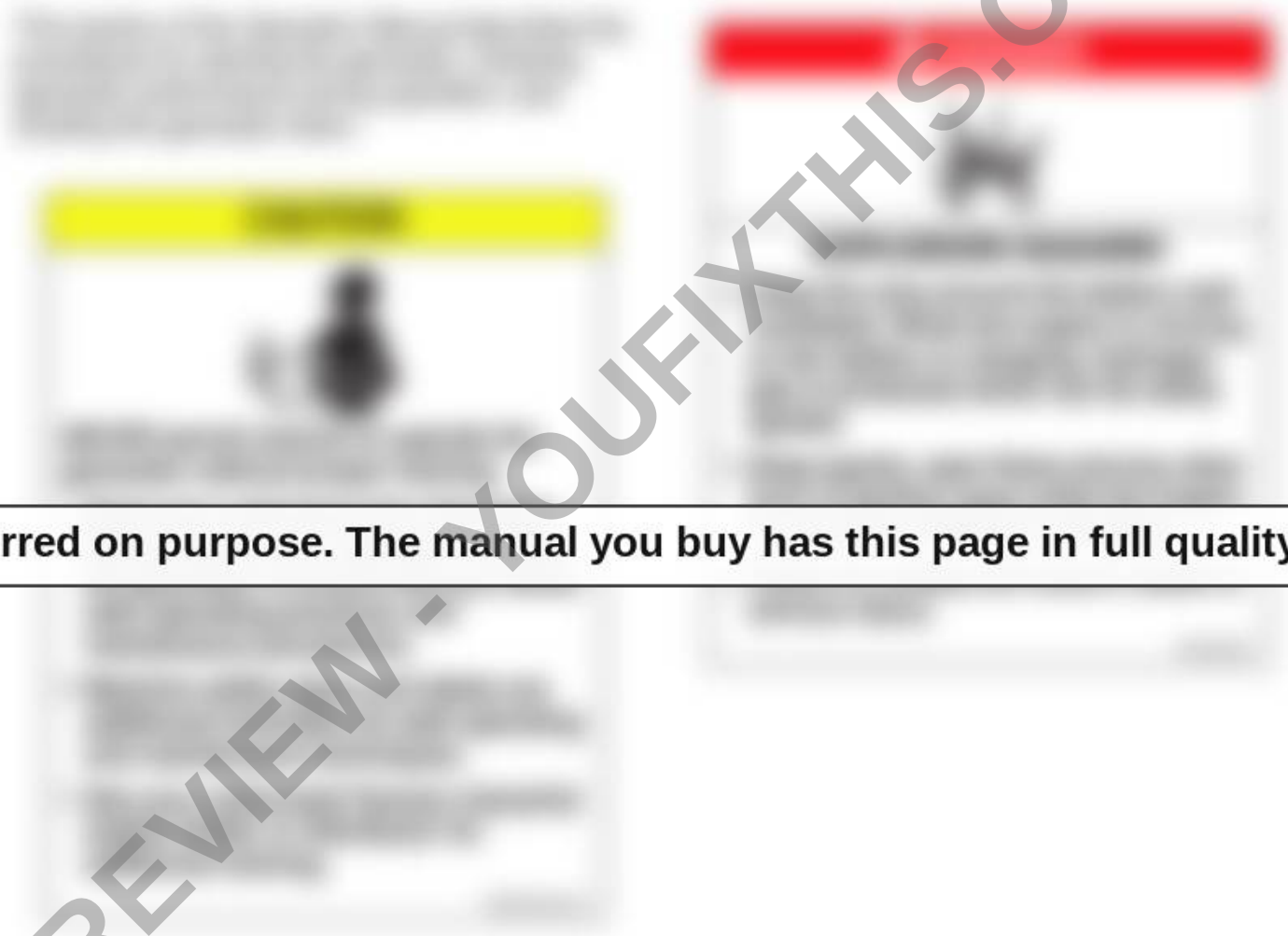
System	Check Item	Daily	Periodic Maintenance Interval					
			Every 50 hours	Every 200 hours	Every 400 hours	Every 1000 hours	Every 1500 hours	Every 2000 hours
Air Intake	Clean or Replace Air Cleaner Element - May Need More Frequent Service in Dusty Conditions			○				
Cylinder Head	Adjust Intake / Exhaust Valve Clearance				●			
	Check Compression					●		
Electrical Equipment	Check Battery & Add Water as Necessary	○ Before Operation						
Emission Control Warranty	Inspect, Clean & Test Fuel Injection Nozzle						●	
Engine Oil	Check Engine Oil Level & Add Engine Oil As Necessary	○ Before Operation						
	Drain and Refill Engine Oil		◇ 1st time	◇ 2nd & after				
	Clean Engine Oil Filter - Replace If Damaged				◇ 2nd & after			
	Check for Engine Oil Leakage	○ Before & After Operation						
Engine Control Lever	Check for Proper Operation	○ 1st time		○ 2nd & after				
Exhaust System	Check Spark Arrestor for Clogging	○ Before Operation						
Fuel	Check Fuel Tank Level & Add Fuel As Necessary	○ Before Operation						
	Drain & Clean Fuel Tank			○				
	Clean Inlet Fuel Screen		○					
	Replace Outlet Fuel Filter			○	◇			
	Check for Fuel Leakage	○ before & after operation						
Hoses	Replace Fuel System Hose(s)							● or every 2 yrs. whichever comes first
Generator	Check Commutator, Brushes and Slip Ring				●			
GFCI Outlet	Test Outlet		●					

Note: These procedures are considered normal maintenance and are performed at the owner's expense.

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GENERATOR OPERATION



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STANDARD TORQUE CHART

Thread size × Pitch mm		M6×1.0	M8×1.25	M10×1.5	M12×1.75	M14×1.5	M16×1.5
Tightening Torque	in lbs	96.0 ± 9.0	-	-	-	-	-
	ft lbs	-	19.0 ± 2.0	36.0 ± 4.0	65.0 ± 7.0	101.0 ± 7.0	167.0 ± 7.0
	N·m	10.8 ± 1.0	25.5 ± 2.9	49.0 ± 4.9	88.3 ± 9.8	137.0 ± 9.8	226.0 ± 9.8
	kgf·m	1.1 ± 0.1	2.6 ± 0.3	5.0 ± 0.5	9.0 ± 1.0	14.0 ± 1.5	23.0 ± 2.0

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SAFETY

SAFETY STATEMENTS

Yanmar considers safety of great importance and recommends that anyone that comes into close contact with its products, such as those that install, operate, maintain or service Yanmar products, exercise care, common sense and comply with the safety information in this manual and on the machine's safety labels. Keep the labels from becoming dirty or torn and replace them if they are lost or damaged. Also, if you need to replace a part that has a label attached to it, make sure you order the new part and label at the same time.



This safety alert symbol appears with most safety statements. It means attention, become alert, your safety is involved! Please read and abide by the message that follows the safety alert symbol.

DANGER

Danger (the word "DANGER" is in white letters with a red rectangle behind it) – indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury. Danger is limited to the most extreme situations.

0000001en

WARNING

Warning (the word "WARNING" is in black letters with an orange rectangle behind it) – indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

0000001en

CAUTION

Caution (the word "CAUTION" is in black letters with a yellow rectangle behind it) – indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.

0000001en

CAUTION

Caution without the safety alert symbol indicates a potentially hazardous situation that can cause damage to the machine, personal property and / or the environment or cause the machine to operate improperly.

0000001en

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RECORD OF OWNERSHIP

Take a few moments to record the information you need when you contact Yanmar for service, parts or literature.

YDG Model: _____

YDG Serial No.: _____

Date Purchased: _____

Dealer: _____

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