

## TABLE OF CONTENTS

<b>14.SERVICE THE ELECTRICAL SYSTEM .....</b>	<b>14-1</b>
1. Battery .....	14-1
■ Service the Battery Safely .....	14-1
■ Check a Battery .....	14-2
■ How to Do the Auxiliary Charging .....	14-3
■ How to Check Electrolyte Solution/Fluid Level and Refill Electrolyte Solution/Fluid .....	14-3
■ The Life of a Battery .....	14-4
■ Remove and Install the Battery .....	14-4
■ Clean the Battery and Terminals .....	14-5
■ Use a Booster Battery .....	14-5
2. Fuses .....	14-6
■ Replace the Accessory Fuses .....	14-6
■ Check the Alternator Fuse and the Main Fuse .....	14-7
3. Bulb .....	14-7
■ Replace the Headlights Bulb .....	14-7
■ Replace the Position Lights Bulb, Turn Signal/Hazard Lights Bulb, Tail Lights Bulb .....	14-8
<b>15.STORAGE .....</b>	<b>15-1</b>
1. Safe Practices for Storage .....	15-1
1. Prepare the Tractor for Storage .....	15-1
2. Prepare the Fuel and Engine for Storage .....	15-1
■ Fuel .....	15-1
■ Engine .....	15-2
■ Clutch .....	15-2
2. Prepare the Stored Tractor for Operation .....	15-2
<b>16.TROUBLESHOOTING .....</b>	<b>16-1</b>
1. How to Use the Troubleshooting Table .....	16-1
1. Engine .....	16-1
2. Electrical System .....	16-8
3. Brakes .....	16-10
4. Steering .....	16-10
5. Body and Machinery .....	16-11
<b>17.INDEX .....</b>	<b>17-1</b>

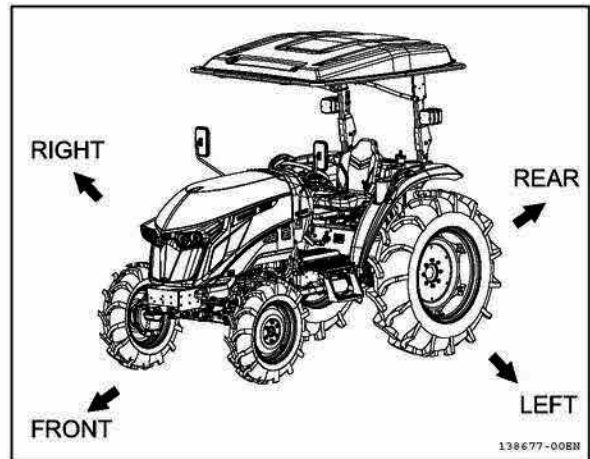
# 1. SAFETY PRECAUTIONS

## 1. About The Operation Manual

The operation manual presents messages that help the operator remain aware of potential hazards and possible tractor damage in operating and servicing the tractor. Carefully study all of the information in the operation manual so that the operator can avoid personal injury or property damage.

### NOTE

- Unless otherwise stated, the expressions right hand side, left hand side, front side and rear side, used throughout the operation manual are relative to the operator's position.



## 2. Safety Alert Symbol



The safety alert symbol appears with most safety statements. The safety alert symbol means attention, become alert, the operator's safety is involved! Please read and strictly observe the message that follows the safety alert symbol.

### DANGER

Indicates a hazardous situation which, if not avoided, **will** result in death or serious injury.

### WARNING

Indicates a hazardous situation which, if not avoided, **could** result in death or serious injury.

### CAUTION

Indicates a hazardous situation which, if not avoided, **could** result in minor or moderate injury.

### NOTICE

Indicates a situation which can cause damage to the tractor, personal property and/or the environment or cause the equipment to operate improperly.

**IMPORTANT:** Means that implement or property damage could occur if instructions are ignored.

**NOTE:** Provides useful information.



**WARNING: READ AND FOLLOW ALL INSTRUCTIONS IN THE OPERATION MANUAL BEFORE ATTEMPTING TO OPERATE THE TRACTOR. FAILURE TO COMPLY WITH THE INSTRUCTIONS MAY RESULT IN PERSONAL INJURY.**



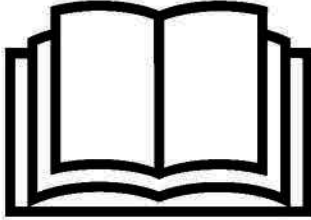
**WARNING:** The engine exhaust, some of its constituents and certain tractor components contain or emit chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.



**DANGER:** The tractor is built to be operated according to the rules for safe operation in the operation manual. As with any type of power equipment, carelessness or error on the part of the operator can result in serious injury. To help prevent accidents, read and take the following precautions before operating the tractor. Failure to observe the following safety instructions could result in serious injury or death.

### 3. Precautions Before Operating the Tractor

1. Understand the performance and limitations of the tractor. Carefully study the operation manual and learn the instructions in the operation manual before operating or servicing the tractor. Keep the operation manual in an easily accessible place. Do not operate the tractor with the mounted or trailed machinery or trailer unless all instructions in the operation manual have been followed.



2. Strictly follow the statements given in the DANGER, WARNING and CAUTION safety decals attached to the tractor.
3. Do not operate the tractor with the Roll-Over Protective Structure (ROPS) in the folded "down" position.

Keep the retractable seatbelt fastened while operating the tractor with the Roll-Over Protective Structure (ROPS) in the unfolded "up" position. The preceding practice will reduce the possibility of injury or death in the event of roll over accident.

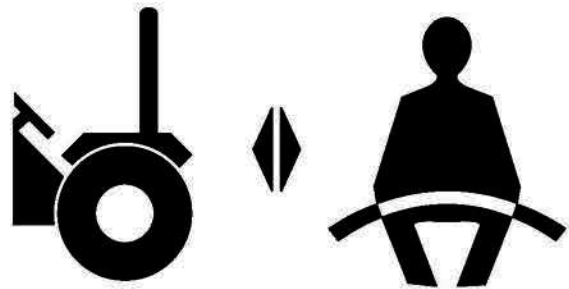
If the Roll-Over Protective Structure (ROPS) has been removed for any reason, ensure to install all the associated parts before operating the tractor. Do not alter the Roll-Over Protective Structure (ROPS). The altered Roll-Over Protective Structure (ROPS) may fail to provide the designed protection.

Replace the damaged Roll-Over Protective Structure (ROPS) immediately. Contact YOUR LOCAL YANMAR TRACTOR DEALER for technical assistance.

The foldable Roll-Over Protective Structure (ROPS) may be temporarily folded down when absolutely necessary for areas with height limitations. Remember that when the Roll-Over Protective Structure (ROPS) is in the "down" position, the Roll-Over Protective Structure (ROPS) does not provide operator protection and the retractable seatbelt should not be worn. NEVER alter or repair the Roll-Over Protective Structure (ROPS). Welding, bending, drilling, grinding, or cutting may weaken the Roll-Over Protective Structure (ROPS). Contact YOUR

LOCAL YANMAR TRACTOR DEALER for technical assistance.

4. Always fasten the retractable seatbelt while operating the tractor with the Roll-Over Protective Structure (ROPS) in the unfolded "up" position. Check the retractable seatbelt for any damage. Replace the damaged retractable seatbelt immediately. Contact YOUR LOCAL YANMAR TRACTOR DEALER for technical assistance. Do not use the retractable seatbelt if the Roll-Over Protective Structure (ROPS) is in the folded "down" position.



5. Check overhead clearance carefully before driving under power lines, wires, bridges or low hanging tree branches, before entering or leaving buildings, or in any other situation where the operator and/or Roll-Over Protective Structure (ROPS) may be struck, which could result in serious injury.
6. Make sure that the usual operator and any other person who will operate the tractor studies the operation manual before operation. Know the controls and how to stop the tractor quickly.
7. Make sure that any person or obstacle is not under or around the tractor before and during operation. Make sure to maintain sufficient overhead clearance above the tractor.
8. Do not operate the tractor and/or implement installed on the tractor while under the influence of alcohol, drugs, medicine or controlled substance/s or when not fit to operate the tractor.
9. During operation and when performing service work:
  - Wear close-fitting clothing.
  - Do not wear loose-fitting clothes, jewelry, baggy or torn clothing.
  - When any of the preceding items is caught by a moving part of the tractor, an accident can happen.
  - Do not wear cut-off pants or shorts which do not provide protection against flying debris.

## 1. SAFETY PRECAUTIONS

- Do not under any circumstances operate the tractor with bare feet.
  - Do not wear sandals or sneakers.
  - Wear additional protection including non-slip safety boots or shoes, protective goggles and gloves, etc., as appropriate or required by applicable local laws and regulations.
  - Wear ear protection in a noisy environment to prevent hearing damage and to reduce operator fatigue.
10. NEVER allow passenger/s on any portion of the tractor.
  11. Always remain seated in the operator seat while operating the tractor.
  12. Make sure that the brakes and other mechanical components are properly adjusted and do not have excessive wear.
    - Immediately replace all excessively worn out or damaged components.
    - At regular intervals, check that all nuts, bolts and screws are properly tightened.  
(For details, see "Chapter 12. MAINTENANCE" on page 12-1).
  13. Always keep the tractor clean. Dust, grease or grass clippings accumulated on the tractor can lead to fire accidents or personal injury.



14. Use the handholds and running board step when getting on and off the tractor to help prevent

accidental falls. Keep the running board step clear of mud and debris.

15. Only use the implements that satisfy the requirements in the operation manual or are approved by your Yanmar tractor dealer. (For details, see "Chapter 4. IMPLEMENT CAPACITIES" on page 4-1).
16. When using front or rear mounted implements, install an appropriate weight/s to the front or rear of the tractor to prevent upsetting the tractor.
17. Remember that a narrower tire tread width can lead to greater possibility of upsetting the balance of the tractor. To positively stabilize the tractor, select a maximum possible tire tread width appropriate for the intended application. Contact your local YANMAR tractor dealer for technical assistance.
18. Do not under any circumstances modify the tractor. Modification can deteriorate the performance and/or safety of the tractor, possibly leading to personal injury or property damage.
19. Do not attempt to adjust the low or high idle speed limit screw. Adjusting the low or high idle speed limit screw may impair the safety and performance of the tractor and shorten the life of the tractor.
20. Do not operate the tractor during thunderstorms. Lightning strikes can cause severe injury or even death.
21. Be extremely careful when operating the tractor in close vicinity of suspended power lines. Always be sure that the tractor will not touch the power lines. It can cause severe injury or even death.
22. Do not work with ROPS type when there is a possibility of objects falling from above.

## 4. Safe Practices for Operating the Tractor

### 1. Start the Tractor

1. Remain seated in the operator seat when starting the engine or actuating the levers or controls. Do not start the engine or operate controls while standing beside the tractor.
2. Before starting the engine, ensure that all the levers are in the N (neutral) positions, the parking brake is engaged securely, and Power Take Off (PTO) switch is in the OFF position.
3. Always keep the retractable seatbelt fastened around the operator's waist whenever the Roll-Over Protective Structure (ROPS) is in the unfolded "up" position and locked securely.

4. If the tractor is started where there is a height limitation, immediately return the Roll-Over Protective Structure (ROPS) to the unfolded "up" position and locked securely and fasten the retractable seatbelt.
5. Start the engine of the tractor only by using the starter key switch. Avoid starting the engine by short circuiting across the starter solenoid terminals with a jumper wire, or by bypassing the safety interlock circuit and the tractor may begin to move and/or the Power Take Off (PTO) shafts may begin to rotate, possibly leading to personal injury or property damage.



## 1. SAFETY PRECAUTIONS

6. Avoid running or idling the engine in a confined area that is poorly ventilated or not ventilated at all. The engine emits carbon monoxide gas that is colorless, odorless and can cause death.



7. Before operation, check that all the safety features are functioning correctly. Never tamper with safety devices. Check the proper operation regularly. Contact YOUR LOCAL YANMAR TRACTOR DEALER for safety devices malfunction.
8. Avoid accidental contact with control pedals and levers while the engine is running, as this can cause unexpected movement of the tractor.
9. Always attend to the running tractor.

### 2. Work with the Tractor

1. Safety is the top priority when a fire broke out. If you notice the smell of smoke or sight of flames, immediately get off the machine and move away from the fire. Never return to the machine. Call the fire department as soon as it is safe to do so.
2. To prevent fire, check and clean the engine room and keep it clean at all times.
3. Tow an implement only with the drawbar. Avoid hitching via the axle housing. The tractor can upset its balance, leading to serious injury or death. Make sure the drawbar pin is locked in place.
4. Any towed vehicle with the total weight exceeding that of the tractor should be equipped with its own braking system that is operational from the tractor operator seat.
5. Make sure that all the covers and guards are in position. Replace any missing or damaged covers immediately.
6. Before turning or during traveling on a rough terrain, or before stopping, decrease the tractor speed in order to prevent upsetting.
7. Use extra caution during operating over rough ground, when crossing ditches or operating on slopes and when turning corners.
8. Avoid turning with the differential lock engaged. Attempting to turn the tractor while the differential lock is engaged can lead to a roll over.

9. Stay clear of ditches, potholes, embankments or ponds. The incident of upsetting the tractor can occur more on soft or wet ground. Before entering an area covered with tall grass, inspect the area to detect any obstacles.
10. The operator should always pay attention for blind corners, trees and other object that can obstruct the operator's vision. The operator should always remain alert when approaching the row of trees or any obstacle.
11. When two or more people are working in one area, always keep in good communication between each other.
12. Do not under any circumstances get on or off the moving tractor.
13. When driving at night, ensure that all necessary lights are illuminated.
14. When driving, do not shift the range gear. Always shift the range gear when the tractor is completely stopped.
15. Avoiding the falling objects.

Be careful when handling large or heavy objects, as there is a danger of the tractor rolling over, or of the object falling off the loader boom onto the operator.

- Never lift a large object with an attachment that may allow the object to roll back onto the operator.
- Do not carry large objects that can fall out of loader bucket into operator's station.
- Do not carry transport or move round or square bales with the bucket attachment.
- Never lift loader higher than necessary to clear ground.
- Move slowly and carefully. Avoid rough terrain.

Front loader attachment points are provided. Never mount loader that is not approved for the YANMAR tractor.

Consult your local YANMAR tractor dealer.



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## 1. SAFETY PRECAUTIONS

### 3. Stop the Tractor

The procedures of stopping the tractor are as follows:

1. Make sure that the left side brake pedal and the right side brake pedal are connected with the brake pedal connector lock.
2. Reduce the engine speed.
3. Depress the clutch pedal completely to disengage the clutch.
4. Depress the brake pedals to stop the tractor.
5. Shift reverser lever to the N (neutral) position.

### 4. Considerations for Safety of a Child

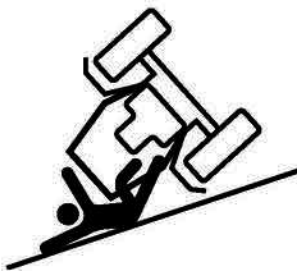
Tragic accidents can occur if the operator is not alert to the presence of a child. A child is often attracted to the tractor. A child does not understand the dangers. Never assume a child will remain where the operator last saw the child.



1. Keep a child out of the operating area and under the watchful care of an adult other than the operator.
2. Be alert if a child enters the work area, stop the tractor immediately.
3. Never allow a child to ride on the tractor. The child can fall off and be seriously injured or interfere with safe tractor operation.
4. Never allow a child under 16 years old to operate the tractor. A child, 16 years old and under should only operate the tractor under close parental supervision and proper instruction.
5. Be extremely careful when backing the tractor. Before and during backing, look back and downward. A child may be in the path.
6. Use extra care when approaching blind corners, shrubs, trees or other objects that may obscure the operator's vision of a child or other hazard.
7. Never allow a child to play on the tractor or implement.
8. Keep a child away from hot or running engine. The child may suffer burns.

### 5. Operate the Tractor on Slopes

On a slope, the tractor is less stable and more prone to tip over, possibly leading to serious injury or death. Remain very cautious while the tractor is on any slope.



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#### DO:

- Operate up and down slopes, not across.
- Remove obstacles such as rocks, limbs, etc.
- Watch for potholes, ruts or bumps. Uneven terrain can overturn the tractor. Tall grass can hide such obstacles.
- Place the transmission in the low range and engage the 4-wheel drive when climbing or descending slopes. Always keep the tractor in gear when going down slopes to take advantage of engine braking action.

- Keep all movement on the slopes slow and gradual. Do not make sudden changes in speed or direction. Rapid engagement or braking can cause the front of the tractor to lift and rapidly tip over backwards which can cause serious injury.
- Avoid starting or stopping on a slope. If tires lose traction, push down Power Take Off (PTO) switch to OFF position and proceed slowly straight down the slope.
- To avoid upset, move backward up a steep slope. If backing on the slope is difficult, do not attempt to continue. Avoid an extremely steep slope.
- When moving forward to get out from a ditch, deep mud or when traveling on a steep slope, the risk of the tractor upsetting backward is high. Always move backward to get out from these situations. In the 4-wheel drive mode, special caution is needed to avoid false confidence in the tractor's ability to climb slopes.
- To improve stability on a slope, select the widest possible tire tread width. Observe the instructions for appropriate weighting.

## 1. SAFETY PRECAUTIONS

### DO NOT:

- Do not drive near the edge of a gully or a steep embankment.  
Avoid holes, ditches, etc. which may cause the tractor to tip over, especially on hillsides or steep slopes.



### WARNING

- Keep away from slopes steeper than 15 degrees. See page 8-11 "Operate on Slopes and Rough Terrain" for the details.
- Before approaching a slope, select an appropriate speed setting. Make sure to run the tractor at a lower speed on slopes. Never attempt to shift gears on a slope. The tractor can suddenly go downhill out of control. Avoid increasing and decreasing the tractor speed rapidly.
- Do not move the range shift lever in the N (neutral) position when on a slope.
- When climbing or descending a slope, do not shift the range shift lever. Shifting the range shift lever into the N (neutral) position can result in loss of control of the tractor.
- Starting the tractor with the front end uphill can cause the front wheels to jump off the ground and this situation poses an extreme danger. To avoid this problem, run the engine at a lower speed, and gently start the tractor.
- Avoid parking the tractor on a slope. If parking on a slope is unavoidable, chock all the tires safely and securely and engage the parking brake securely, for details, see "7. Lock and Set the Parking Brake" on page 7-3.
- Avoid depressing the clutch pedal when operating on a slope.

## 6. Travel on a Road

1. Disengagement of the 4-wheel drive is recommended.
2. Remember that the braking characteristics differ between the 2-wheel drive and 4-wheel drive modes. Be aware of the current drive mode and use carefully.
3. Release the clutch pedal slowly.
4. Before turning, always slow down the tractor. High speed turn may cause the tractor to tip over.
5. When traveling on a road, use the hazard lights and turn signal lights as required by the currently effective local laws or regulations.
6. Strictly observe all the currently effective local traffic and safety laws and regulations.
7. Turn ON the headlights as required by the currently effective local laws or regulations.
8. Always travel at a speed that allows the operator to maintain control of the tractor.
9. NEVER engage differential lock while traveling on a road. It may cause the operator to lose control of the tractor.
10. While traveling on a road, do not turn the steering wheel suddenly. Such an action can lead to loss in the stability of the tractor and can cause an extremely dangerous situation.
11. While on a road, do not attempt to operate an implement. During transportation, place the 3-point hitch control lever in the raised position and lock the 3-point hitch control lever with the position stop knob. Do not fully close the hydraulic flow control/stop knob to hold an implement in the raised position while the tractor is traveling with the implements. The preceding action can cause damage to the hydraulic lift circuit.
12. When towing implement, connect a safety chain to the implement.

## 1. SAFETY PRECAUTIONS

13. Use safety lights and devices at night because slow moving tractors on public road are hard to see.

14. Make sure that the left brake pedal and right brake pedal are connected with the brake pedal connector lock. Do not release the brake pedal connector lock while traveling on a road.

## 7. Safe Practices for Parking the Tractor

1. Press the Power Take Off (PTO) switch to OFF position, ALWAYS lower the implements and attachments to the ground, move all the levers to N (neutral) position, engage the parking brake securely, for details, see "7. Lock and Set the Parking Brake" on page 7-3, shut off the engine and remove the key.

2. Before leaving the tractor, ensure that the tractor is completely stopped.

3. Avoid parking the tractor on a steep slope. Rather, park on solid and level ground whenever possible. If parking on a slope is unavoidable, park the tractor across the slope and lower the implement to the ground and chock all the tires safely and securely.

## 8. Operate the Power Take Off (PTO)

1. Before connecting/disconnecting, adjusting, cleaning or servicing Power Take Off (PTO) driven implement, ensure that the engine is not running and that all the moving components are not moving.

2. Make sure that Power Take Off (PTO) shaft cap is always in place. Replace Power Take Off (PTO) shaft cap only when the shaft is not moving.

3. Before installing or operating the Power Take Off (PTO) driven implement, carefully study the operation manual of the implement and the safety decals on the implement.



4. When installing stationary Power Take Off (PTO) driven implements, ensure to engage the parking brake securely, for details, see "7. Lock and Set the Parking Brake" on page 7-3, chock all the tires safely and securely. Avoid approaching or accessing any rotating component.

5. Make sure to remove the drawbar before using the Power Take Off (PTO).

## 9. Use the 3-Point Hitch

1. Use the 3-point hitch only in conjunction with the implement that is specifically designed for use with the 3-point hitch.

2. Before using the 3-point hitch mounted implement, the appropriate weight may need to be installed on the front of the tractor.

3. While on a road, do not attempt to operate an implement. During transportation, place the 3-point hitch control lever in the raised position and lock the 3-point hitch control lever with the position stop knob. Do not fully close the hydraulic flow control/stop knob to hold an implement in the raised position while the tractor is traveling with the implement. The preceding action can cause damage to the hydraulic lift circuit.



## 1. SAFETY PRECAUTIONS

### 10. Roll-Over Protective Structure (ROPS) Precautions

The tractor is equipped with a Roll-Over Protective Structure (ROPS) which must be maintained in a fully functional condition. Check overhead clearance carefully before driving under power lines, wires, bridges or low hanging branches, before entering or leaving buildings, or in any other situation where the operator and/or Roll-Over Protective Structure (ROPS) can be struck, which can result in serious injury.

1. Always keep the Roll-Over Protective Structure (ROPS) on its original condition.
2. Replace the Roll-Over Protective Structure (ROPS) whenever the Roll-Over Protective Structure (ROPS) has been damaged. The

preceding action can weaken the structure and endanger the safety of the operator. Contact your local YANMAR tractor dealer for technical assistance.

3. Use only genuine parts to replace any damaged part/s of the Roll-Over Protective Structure (ROPS).
4. Never attach ropes, chains or cables to the Roll-Over Protective Structure (ROPS) for pulling purposes.
5. Although the Roll-Over Protective Structure (ROPS) provides the operator protection in accordance with the regulations and relevant standards at the time of manufacture, ALWAYS take the necessary precautions.

### 11. Safe Practices for Servicing the Tractor

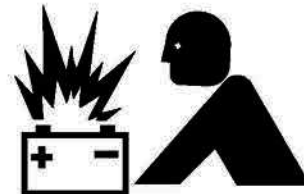
Before starting any service work, park the tractor on solid and level ground, engage the parking brake securely, for details, see "7. Lock and Set the Parking Brake" on page 7-3, lower the implement to the ground, move all the levers to N (neutral) position, press the Power Take Off (PTO) switch to OFF position, shut off the engine and remove the key. Only trained adults should service the tractor. Understand the instructions in the Operation Manual before servicing.

1. Always keep a first aid kit and a fire extinguisher readily available.
2. Before accessing the engine, muffler, radiator and radiator cap or other possibly hot components, wait until the tractor has fully cooled down.
3. Keep the tractor and the attachments free of grass, leaves or other debris build-up.



4. Use extreme care in handling diesel fuels. Diesel fuels are extremely flammable and the vapors are explosive.
5. Close fuel shut-off valve before servicing the fuel system.

6. Make sure to shut off the engine before refueling. After refueling, replace fuel filler cap securely and wipe off any spilled diesel fuel before starting the engine as the diesel fuel may cause a fire or explosion.
7. Do not smoke while refueling. Keep any spark or open flame away from the fuel tank.
8. Never refuel the tractor indoors because diesel fuel vapors will accumulate in the area.
9. Never store the fuel container or tractor indoor where there is an open flame or spark, such as a gas water heater, space heater or furnace.
10. Do not smoke while working around the battery. Keep any sparks or open flame away from the battery. The battery emits hydrogen and oxygen gasses, in particular during recharging and can pose a hazard of explosion.



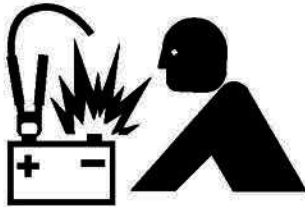
11. Prior to "jump starting" a tractor that has fully depleted battery, read and follow all the instructions in "Chapter 14. SERVICE THE ELECTRICAL SYSTEM" on page 14-1.

## 1. SAFETY PRECAUTIONS

12. Add coolant or water to the reserve tank, not to the radiator (For details, see "Check the Cooling System" on page 13-13).



13. Before working on or around electrical components, disconnect the negative (-) battery terminal first.
14. To prevent a spark occurring from short circuit, disconnect the negative (-) battery terminal first and reconnect last.



15. The operator must not mount a tire onto a rim. Only qualified person must mount tire onto a rim.
16. Always keep the tires at the correct tire air pressure level. Avoid exceeding the recommended tire air pressure specified in the operation manual.



17. Wheel bolts must be tightened to specified torque using the proper procedure anytime it is loosened.
18. Keep the tractor securely supported while changing the wheels or adjusting the tire tread width. Make sure to tighten the wheel bolts to the specified tightening torque.
19. Avoid working under any hydraulically supported devices. Such devices can leak, suddenly settle down, or be accidentally lowered. If working beneath the tractor or an implement is

unavoidable, ensure to use a stand or lift apparatus with the capacity of more than 3 tons.

20. High pressure hydraulic fluid when released can penetrate human skin, possibly leading to serious personal injury. Before disconnecting any hydraulic line, fully release the internal pressure. Before exerting a pressure to the hydraulic system, ensure that all connections are tight and all the lines, pipes and hoses are free from fractures/fissures or any other damage.
21. Search for leaks with a piece of cardboard. Protect hands and body from high pressure fluids.
22. If an accident occurs, see a doctor immediately. Any fluid injected into the skin must be surgically removed within a few hours or gangrene may result.



23. Check brake operation frequently. Adjust and service as required.
24. Keep all bolts and nuts tightened, make sure the tractor and the attachment is in safe working condition.
25. Avoid changing the engine governor settings or overspeed the engine. Excessive engine speeds are dangerous.
26. Observe proper waste disposal laws and regulations. Prior to disposal, determine the proper method to dispose of waste from your local Environmental Protection Agency. Recycling centers are established to properly dispose of materials in an environmentally safe fashion.
27. Use container approved by the effective law when draining fluids. Avoid using food or beverage containers that can mislead someone into drinking from food or beverage containers. Properly dispose of the containers immediately following the draining of fluids.

## 1. SAFETY PRECAUTIONS

28. Observe your local Environmental Protection Agency regulations when disposing of oil, fuel, coolant, brake fluids, filters, batteries, tires and other harmful waste.

29. Yanmar does not recommend the use of a pressure washer or garden hose to clean the tractor. Electrical components, spindles, pulleys, bearings or the engine can be damaged. The use of water will result in shortened life and reduce serviceability.



**WARNING: THE OWNER/OPERATOR RESPONSIBILITY:** Restrict the use of the tractor to persons who read, understand and follow the warnings and instructions in the operation manual and on the tractor.

### 12. Replace the Rubber Product/s, such as Hydraulic Hose, Fuel Hoses, Power Steering Hoses, Radiator Hoses and Air Intake Hose for Every 2 Years

The rubber product/s has/have a deteriorative character. The deteriorated rubber product/s may cause defects and damages such as fluid leakage, loss control of the tractor during operation, fire, burn injury.

### 13. This Tractor is not Designed for Forest Industry, Quarry or Mining Use, nor Designed for Use with Crop Spraying Equipment

### 14. Handle Agricultural Chemicals Safely

#### NOTE

- This tractor is not equipped with a cabin. The instructions below also include instructions with the cabin installed.

#### ■ Handle Agricultural Chemicals Safely

Chemicals used in agricultural applications such as fungicides, herbicides, insecticides, pesticides, rodenticides, and fertilizers can be harmful to your health or the environment if not used carefully. Always follow all label directions for effective, safe, and legal use of agricultural chemicals.

#### ■ Reduce Risk of Exposure and Injury

- Wear appropriate personal protective equipment as recommended by the chemical manufacturer. In the absence of manufacturer's instructions, follow these general guidelines:
  - Chemicals labeled "**Danger**": Most toxic. Generally require use of goggles, respirator, gloves, and skin protection.
  - Chemicals labeled "**Warning**": Less toxic. Generally require use of goggles, gloves, and skin protections.
  - Chemicals labeled "**Caution**": Least toxic. Generally require use of gloves and skin protection.

