



Flotation Chassis

TG9300C

AGCC9300xKxxx1001-



**CALIFORNIA
Proposition 65 Warning**

WARNING: Diesel engine exhaust and some of its constituents are known to the State of California to cause cancer, birth defects, or other reproductive harm.

WARNING: Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm. Wash hands after handling.

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1 Safety

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1.1 A word to the operator

It is your responsibility to read and understand the safety section in this manual and the manual for all implements before you operate this machine. You are responsible for your safety. Good safety procedures prevent injury to you and the persons around you.

Make the information in the safety section of this manual a part of your safety procedure. This safety section is written only for this type of machine. Safety is your responsibility. You can prevent injury and death.

This safety section gives basic safety examples that can occur during the operation and maintenance of your machine. This safety section is not a replacement for safety instruction in other sections of this manual.

Injury or death can occur if the safety instruction is not obeyed.

Learn how to operate the machine and how to use the controls correctly.

Do not operate the machine if you do not know how to operate the machine. Do not let persons operate the machine that do not know how to operate the machine.

Follow all safety instructions in the manuals and on the safety signs on the machine, the implements, and the attachments.

Use only approved attachments and implements.

Make sure that your machine has the correct equipment that is necessary by the local regulations.

**WARNING:**

Do not use alcohol or drugs that can have an effect on alertness or coordination. If you use prescription or 'over the counter' drugs, get medical advice about the safe operation of machines.

**CAUTION:**

If attachments or implements used with this machine have a different operator manual, see that operator manual for other important safety instructions.



Fig. 1

1.1.1 Important safety information

Most personal injuries which occur during machine operation, maintenance or repair are caused by failure to obey basic safety rules and precautions. Usually, an injury can be avoided by recognizing dangerous situations before an injury occurs.

The operator must be alert to possible hazards and have the necessary training, skills, and tools to do these functions correctly.

**WARNING:**

Incorrect operation, lubrication, maintenance or repair of the machine can be dangerous and can cause injury or death.

Do not operate or do any lubrication, maintenance or repair on the machine, until reading and understanding the operation, lubrication, maintenance and repair information.

**WARNING:**

Safety precautions and warnings are provided in this manual and on machine. If these hazard warnings are not heeded, bodily injury or death can occur to the operator or others.

Not every possible circumstance involving a potential hazard can be anticipated. Warnings in this publication and on the machine are not all-inclusive. If a tool, procedure, work method, or operating method not specifically recommended is used, make sure it is safe for the operator and others.

Make sure the machine will not be damaged or made dangerous by lubrication, maintenance or repair procedures selected. Information, specifications, and illustrations in this publication are on the basis of information available at the time publication was written.

Specifications, torques, pressures, measurements, adjustments, illustrations and other items can change at any time. These changes can change the service given to the machine. Get the complete and most current information before starting any job. Local dealer has most current information available.

**WARNING:**

When replacement parts are required for this machine, use only AGCO replacement parts or parts with equivalent specifications including, but not limited to, dimensions, type, strength and material. Failure to heed this warning can cause early failures, product damage, personal injury or death.

1.1.2 Safety symbol

The safety symbol tells you about a potentially hazardous area!

Look for the safety symbol in this manual and on the machine. The safety symbols tell you that there is important safety instructions in the manual.



Fig. 2

1.1.3 Safety messages

The words DANGER, WARNING or CAUTION are used with the safety symbol. Learn these safety messages and obey the recommended precautions and safety instructions.



DANGER:

If you do not obey the recommended precautions and safety instructions, DEATH OR INJURY will occur.



WARNING:

If you do not obey the recommended precautions and safety instructions, DEATH OR INJURY can occur.



CAUTION:

If you do not obey the recommended precautions and safety instructions, INJURY can possibly occur.



Fig. 3

1.1.4 Information messages

The words important and note are not related to personal safety, and are used to give information about the operation and servicing of the machine.

IMPORTANT: Identifies special instructions or procedures which, if not followed, can cause damage to the machine, the process, or the area around the machine.

NOTE: Information to make procedures easier.

1.1.5 General hazard information



CAUTION:

Carefully read the operator's manual before operating the machine. See all instructions and safety rules when operating or doing maintenance.



Fig. 4

1. Safety

Do not start the engine until the area is free of personnel. Honk the horn two times to alert others. This will help in avoiding personal injury because machine movement can occur.

Know the width of the equipment to keep correct clearance when operating the machine near fences or near boundary obstacles.

Wear a hard hat, protective glasses, and other protective equipment, as required.

Do not wear loose clothing or jewelry that can catch on controls or on other parts of the machine.

Make sure that all protective guards and all covers are attached in position on the machine.



Fig. 5

Keep the machine free from unwanted material. Remove debris, oil, tools, and other items from the deck, from walkways, and from steps.

Secure lunch boxes, tools, and other loose items that are not a part of the machine.

Know the appropriate work location hand signals and the personnel that are authorized to give the hand signals. Get hand signals from one person only.

Never put maintenance fluids into glass containers. Drain all liquids into an approved container.

Discard any drained fluids and discard any filter elements according to local regulations.

Use all cleaning solutions with precaution.

Report all necessary repairs.

Do not let untrained or not approved personnel on the machine.

Do not smoke when servicing an air conditioner. Also, do not smoke if refrigerant gas can be present. Inhaling the fumes that are released from a flame that contacts air conditioner refrigerant can cause bodily harm or death.

Inhaling gas from air conditioner refrigerant through a lighted cigarette can cause bodily harm or death.

Unless being instructed differently, complete the maintenance under the following conditions:

- Turn the battery disconnect switch to "off" position.
- The machine is parked on level ground.
- Implements are lowered to the ground.
- Transmission control lever is in the park position.
- The engine is stopped.
- The engine start switch is turned off and the switch key is removed.
- The machine has cooled down.

Any additional precautions must be observed based on the conditions and environment where the machine is being used.

1.1.6 California emission control warranty statement

YOUR WARRANTY RIGHTS AND OBLIGATIONS

The **California Air Resources Board (CARB)** and AGCO Corporation ("AGCO") are pleased to explain the **emission control system** warranty on Model Year 2016 and later off-road diesel engines. In California, new heavy-duty off-road engines must be designed, built, and equipped to meet the State's stringent anti-smog standards. AGCO must warrant the emission control system on your engine for the periods of time listed below provided there has been no abuse, neglect or improper maintenance of your engine.

Your emission control system may include parts such as the fuel-injection system and the air induction system. Also included may be hoses, belts, connectors and other emission-related assemblies.

Where a warrantable condition exists, AGCO will repair your heavy-duty off-road engine at no cost to you including diagnosis, parts, and labor.

MANUFACTURER'S WARRANTY COVERAGE:

The emission related devices on your Model Year 2016 and later heavy-duty off-road engines are warranted for five (5) years or 3000 hours of operation for all engines 19KW or greater, whichever occurs first from the date of delivery of the engine to the initial purchaser.

If any emission-related part on your engine is defective, the part will be repaired or replaced by AGCO within the warranty period.

A) General Emissions Warranty Coverage

AGCO warrants to the ultimate purchaser and each subsequent purchaser of each off-road compression-ignition engine that the engine is:

(1) Designed, built, and equipped so as to conform with all applicable regulations adopted by the Air Resources Board pursuant to its authority in Chapters 1 and 2, Part 5, Division 26 of the Health and Safety Code; and

(2) Free from defects in materials and workmanship which cause the failure of a warranted part to be identical in all material respects to the part as described in the engine manufacturer's application for certification for a period of five years or 3,000 hours of operation, whichever occurs first, for all engines rated at 19KW and greater, except as noted below. In the absence of a device to measure hours of use, the engine shall be warranted for a period of five years.

B) Warranty on emissions-related parts shall be interpreted as follows:

(1) Any warranted part which is not scheduled for replacement as required maintenance shall be warranted for the warranty period defined in Subsection (A)(2). If any such part fails during the period of warranty coverage, it shall be repaired or replaced by the engine manufacturer according to Subsection (4) below. Any such part repaired or replaced under the warranty shall be warranted for the remaining warranty period.

(2) Any warranted part which is scheduled only for regular inspection shall be warranted for the warranty period defined in Subsection (A)(2). A statement in such written instructions to the effect of "repair or replace as necessary" shall not reduce the period of warranty coverage. Any such part repaired or replaced under warranty shall be warranted for the remaining warranty period.

(3) Any warranted part which is scheduled for replacement as required maintenance shall be warranted for the period of time prior to the first scheduled replacement point for that part. If the part fails prior to the first scheduled replacement, the part shall be repaired or replaced by the engine manufacturer according to Subsection (4) below. Any such part repaired or replaced under warranty shall be warranted for the remainder of the period prior to the first scheduled replacement point for the part.

(4) Repair or replacement of any warranted part under the warranty provisions of this article shall be performed at no charge to the owner at a warranty station.

(5) Notwithstanding the provisions of Subsection (4) above, warranty services or repairs shall be provided at all manufacturer distribution centers that are AGCO dealers authorized to service the subject engines.

(6) The owner shall not be charged for diagnostic labor that leads to the determination that a warranted part is in fact defective, provided that such diagnostic work is performed at a warranty station.

(7) The engine manufacturer shall be liable for damages to other engine components proximately caused by a failure under warranty of any warranted part.

(8) Throughout the engine's warranty period defined in Subsection (A)(2), the engine manufacturer shall maintain a supply of warranted parts sufficient to meet the expected demand for such parts.

- (9) Any replacement part, as defined in Section 1900(b)(23), Title 13, may be used in the performance of any maintenance or repairs and must be provided without charge to the owner. It is not necessary for replacement parts to be the same brand or by the same manufacturer as the original part sold with the engine. Such use shall not reduce the warranty obligations of the engine manufacturer.
- (10) Add-on or modified parts, as defined in Section 1900(b)(1) and (b)(17), Title 13, that are not exempted by the Air Resources Board may not be used. The use of any non-exempted add-on or modified parts shall be grounds for disallowing a warranty claim made in accordance with this article. The engine manufacturer shall not be liable under this article to warrant failures of warranted parts caused by the use of a non-exempted add-on or modified part.
- (11) The Executive Officer may request and, in such case, the engine manufacturer shall provide, any documents which describe that manufacturer's warranty procedures or policies.
- C) Each manufacturer shall include a copy of the following emission warranty parts list with each new engine, using those portions of the list applicable to the engine.
- (1) Fuel Metering System
 - (A) Fuel injection system
 - (B) Air/fuel ratio feedback and control system.
 - (C) Cold start enrichment system.
 - (2) Air Induction System
 - (A) Controlled hot air intake system.
 - (B) Intake manifold.
 - (C) Turbocharger/Supercharger Systems.
 - (D) Charge Air Cooling Systems.
 - (3) Catalyst or Thermal Reactor System
 - (A) Catalytic converter.
 - (B) Diesel Oxydation Catalyst (DOC)
 - (C) Exhaust manifold
 - (4) Particulate Controls
 - (A) Smoke Puff Limiters.
 - (5) Advanced Oxides of Nitrogen (NOx) Controls
 - (A) NOx Absorbers
 - (B) Selective Catalyst Reduction (SCR)
 - (C) Reluctant (urea/fuel) containers/dispensing systems
 - (D) Exhaust Gas Recirculation System (EGR)
 - (6) Positive Crankcase Ventilation (PCV) System.
 - (A) PCV Valve.
 - (B) Oil Filler Cap.
 - (7) Miscellaneous items Used in Above Systems
 - (A) Vacuum, temperature, and time sensitive valves and switches.
 - (B) Electronic control units, sensors, solenoids, and wiring harnesses.
 - (C) Hoses, belts, connectors, assemblies, clamps, fittings, tubing, sealing gaskets or devices, and mounting hardware.
 - (D) Pulleys, belts and idlers.
 - (E) Emission Control Information Labels
 - (F) Any other part with the primary purpose of reducing emissions or that can increase emissions during failure without significantly degrading engine performance.

OWNER'S WARRANTY RESPONSIBILITIES:

As the heavy-duty off-road engine owner, you are responsible for the performance of the **required maintenance listed in your owner's manual** .

AGCO recommends that you retain all receipts covering maintenance on your heavy-duty off-road engine, but AGCO cannot deny warranty solely for the lack of receipts or for your failure to ensure the performance of all scheduled maintenance.

As the heavy-duty off-road engine owner, you should however be aware that AGCO may deny you warranty coverage if your heavy-duty off-road engine or a part has failed due to abuse, neglect, improper maintenance or unapproved modifications.

Your engine is designed to operate on diesel fuel only. Use of any other fuel may result in your engine no longer operating in compliance with California's emissions requirements.

You are responsible for initiating the warranty process. The ARB suggests that you present your heavy-duty off-road engine to an AGCO dealer as soon as a problem exists. The warranty repairs should be completed by the dealer as expeditiously as possible.

EMISSION WARRANTY EXCLUSIONS

This warranty shall not cover any of the following:

- Conditions resulting from tampering, misuse, abuse, improper adjustment, engine alteration, use of non-exempted add-on or modified parts, use of replacement parts that are not the same in performance and durability as genuine replacement parts, failure to use the recommended fuel or oil, use of unapproved fuel or oil additives, or failure to perform required maintenance.
- Consequential damages such as loss of time, inconvenience, or loss of use of this engine or equipment.
- Damages or repair costs caused by the owner's unreasonable delay in making the engine available for warranty inspection and repair.
- Repairs not covered by this warranty, and diagnosis or inspection fees that do not result in eligible warranty service being performed.
- Any replacement with non-exempted add-on or modified parts or malfunction of warranted parts due to use of non-exempted add-on or modified parts.
- The use of any non-exempted add-on or modified parts shall be grounds for disallowing a warranty claim.
- Travel Time and Mileage
- Freight, (shipping and handling)
- Unless mandated by State or Provincial laws.
- Neither AGCO nor any AGCO authorized dealer will be liable for incidental or consequential damages.

OBTAINING WARRANTY SERVICE

To obtain warranty service, owner should take the engine to the nearest Dealer or service center authorized by AGCO or the equipment manufacturer. If available, the original purchase receipt (showing the initial date of purchase) and all available maintenance records should be presented.

The authorized AGCO dealer will contact AGCO Warranty Department for confirmation of coverage.

The authorized Dealer or service center may perform the necessary repairs or adjustments within a reasonable time and furnish owner with a copy of the repair order. AGCO wants to assist in providing the services applicable under this warranty. If you need assistance in locating the nearest authorized Dealer or service center, or have any questions about your warranty rights and responsibilities, you should contact AGCO Answers at **1-877-525-4384** or email agcoanswers@agcocorp.com.

You can also contact AGCO technical services and support.

AGCO Corporation

Technical Services and Support

P.O. Box 4300

Hesston

KS 67062-2002

1-406-890-6000

1.2 Prepare for operation

Read and understand all operation instructions and precautions in this manual before you operate the machine or do the servicing.

Make sure that you know and understand the positions and operations of all controls. Make sure that all controls are in neutral and that the parking brake is applied before you start the machine.

Make sure that all persons are away from your area of work before you start and operate the machine. Examine and learn the controls in an area that is clear of persons and obstacles before you start work. Know the machine dimensions and make sure that you have sufficient space available to operate the machine. Do not operate the machine at high speeds in crowded areas.

It is important to know and use the correct procedures when you do work around and operate the machine. Do not let children or unqualified persons operate the machine. Keep others, especially children, away from your area of work. Do not let others ride on the machine.

Make sure that the machine is in good condition for operation. Refer to the operator manual. Make sure that the machine has the correct equipment required by local regulations.

1.2.1 Mount and dismount the machine

Mount the machine and dismount the machine only at locations that have steps and/or hand holds. Before mounting the machine, clean the steps and the hand holds. Inspect the stairs and hand holds. Make any necessary repairs.

When dismounting the machine, descend the steps backwards, and maintain a three-point contact with the steps and hand holds. Three-point contact is two feet and one hand or one foot and two hands.

Never mount a moving machine. Never dismount a moving machine. Never jump off the machine except in an emergency.

Do not carry tools or supplies when you try to mount the machine or when you try to dismount the machine. Use a hand line to pull equipment onto the platform.

Do not use any controls as hand holds when you enter the operator compartment or when you exit the operator compartment.

1.2.2 Before you start the engine

Start the engine only from the operator compartment. Never short across the starter terminals or batteries. Shorting can damage electrical system or cause unexpected machine movement.

Adjust the seat so full pedal travel can be achieved with operator's back against seat back.

Make sure the machine is equipped with a lighting system sufficient for job conditions. Make sure all machine lights are working properly.

Before starting the engine or moving the machine, make sure no one is under, around or on machine. Make sure area is free of personnel.

To honk horn the key must be turned to "run" to enable the horn. As a warning honk horn twice, to alert others.



Fig. 6

1.2.3 Start the engine

Diesel engine exhaust contains products of combustion which can be dangerous to your health. Always start and operate the engine in a well ventilated area. If operating the engine in an closed area, vent the exhaust to the outside.

When turning the steering wheel when the engine is operating, the machine will not turn with the transmission control lever in the NEUTRAL position. The wheels will change direction but not rotate.

Do not start the engine until the area is free of personnel.

1.2.4 Before operating the machine

Clear all personnel from the machine and from the area.

Clear all obstacles from the machine's path. Be aware of hazards (wires, ditches, and so on).

Make sure that all the windows are clean.

Secure the door in the closed position.

Adjust the rear view mirrors for the best visibility near the machine. Make sure that the horn, the backup alarm (if equipped), and all other warning devices are working correctly.

Fasten the seat belt securely, low around the operator's hips.

1.2.5 Operate the machine

Only operate the machine from the operator's seat. Wear the seat belt while operating the machine. Only operate the controls while the engine is operating.

Check for correct operation of all controls and protective devices while operating the machine slowly in an open area.

Make sure that no one will be endangered before moving the machine.

Report damage that was observed during operation of the machine. Make necessary repairs.

Do not operate the machine near an overhang, near the edge of a cliff, or near the edge of an excavation.

Be careful to avoid any ground condition which can cause the machine to tilt.

A rollover of the machine can occur when operating on hills, on banks, or on slopes. A rollover of the machine can also occur when moving across ditches, ridges, or other obstacles.

When possible, operate the machine up slopes and down slopes. Avoid operating the machine across the slope.

Keep the machine under control. Do not overload the machine more than capacity.

Never straddle a wire cable. Never let other personnel straddle a wire cable.

Know the maximum dimensions of the machine.

When you operate on icy roads, decrease travel speed.

After you operate in muddy conditions, let sufficient time for the tires to eject debris and moisture before making high speed maneuvers. Tires that are wet and muddy can impede the machine's steering.

If stability of the machine is noticeably reduced, decrease travel speed.

Wear a seat belt always.

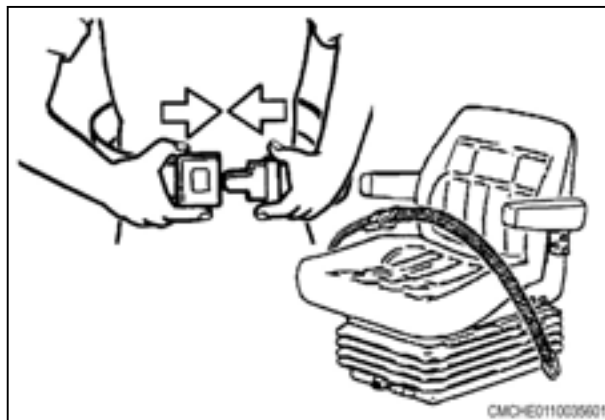


Fig. 7

Do not turn the key switch to the OFF position until the machine is stopped and the machine is shutdown correctly.

Do not use the machine for transporting applicator product along public roads. Do not operate on the road loaded with product.

Never exit a moving machine.

When you leave the machine unattended, push the park brake switch and remove the key.

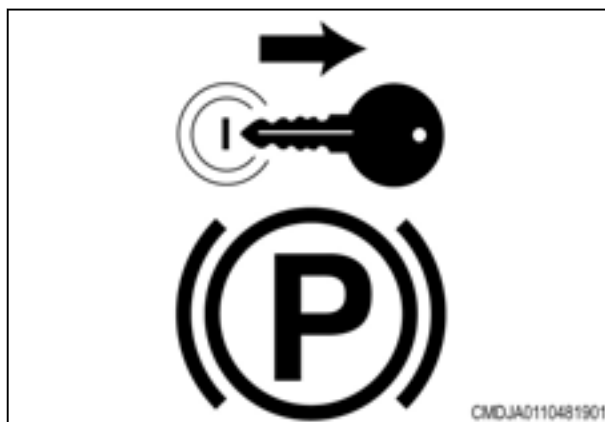


Fig. 8

1.2.6 Operator station

Do not drill holes or weld on the cab rollover protective structure. (ROPS)

Any modifications to the inner operator station must not extend into the operator space.

Any item brought into the cab must not extend into defined operator space. Secure loose items. Objects must not pose an impact hazard in rough terrain or if there is a rollover.

1.2.7 Park the machine

Procedure

1. Park the machine on a level surface.

IMPORTANT:

If parking on a grade, chock the tires and make sure the park brake is always applied.

2. Engage the Air Brake (1).

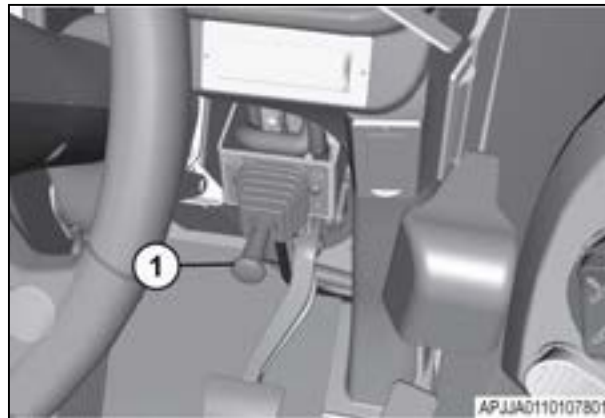


Fig. 9

3. Depress the Safety Hydraulic over Electric Lock-out (SHEL) switch (1) or roading lockout switch.
4. Before you stop the engine, move the throttle control lever to the LOW IDLE position.
5. Run the engine at low idle speed for five minutes. This will let the turbocharger become cool.
6. Stop the engine. Turn the ignition switch to the OFF position and remove the ignition key.

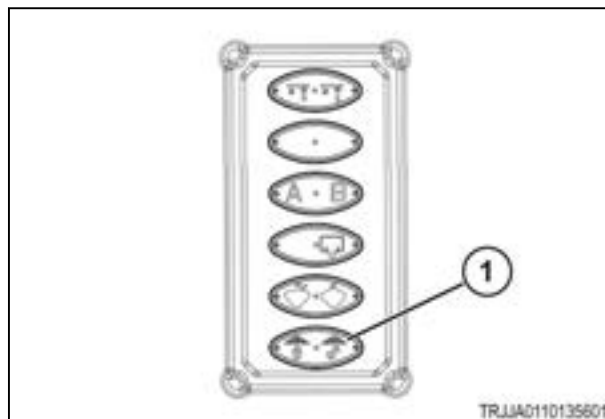


Fig. 10

1.2.8 Exit the cab in an emergency

Before starting the procedure

Prior to machine operation, completely understand how to quickly exit the cab in an emergency.

Procedure

1. Remove the hammer (1) from the holder.
2. Use the hammer and break the best available window.
3. Exit the cab through the window opening.

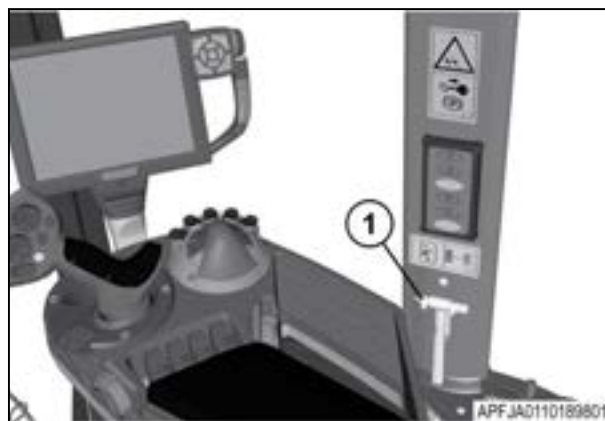


Fig. 11

1.2.9 Safety lamps and marking devices use

To increase visibility, use the safety lamps and marking devices provided with the machine. Use amber flashing warning lamps and turn signals whenever driving on public roads. Keep safety items and features in the correct working order. Replace any missing or damaged components immediately.

1.2.10 Rooding on public roads

WARNING:

The machine was built for applying chemicals and fertilizers in off-road use. Do not use the machine for transporting application product on public roads. Chemical spills result in environmental damage. A loaded machine driven on public roads has high risk of tire failure. Personal Injury can result.

Always walk around and visually inspect machine before rooding on public roads. As a warning, honk the horn twice before starting engine. Check for damage and/or faulty components that can fail and create a dangerous condition. Make sure all the machine systems operate correctly. Including, but not limited to: front road lamps, tail and brake lamps, hazard warning lamps, park brake, horn, windscreen wiper and washer and rear view mirrors. Repair or replace any component not in correct working order.

Never drive at a speed causing the machine to bounce or lose control.

Obey all traffic rules. Operate the machine with hazard warning lamps on, unless prohibited by law. The use of road lamps while rooding on public roads is the operator's responsibility.

1.2.11 Operate on a slope

Keep the machine in a lower range when going down slopes. Use the same range when going down a slope as used for going up the slope. Avoid holes, ditches and obstructions that can cause the machine to roll-over, especially on hillsides. Avoid sharp turns on hills.

Never drive near the edge of a gully or steep embankment.

1.2.12 Electrical storm injury prevention

When lightning is striking in the vicinity of the machine, the operator should not attempt to dismount or mount the machine.

If you are in the operator's station during an electrical storm, stay in the operator's station. If you are on the ground during an electrical storm, stay away from the machine.

1.3 Maintenance and service

Read and understand maintenance and safety instructions before performing any maintenance procedures.

Any maintenance procedures and or repairs must only be done by trained personnel.

Never change any equipment or add attachments not approved by AGCO.



Fig. 12

1.3.1 Maintenance safety

Fully clean the work area, the machine, systems, and components before starting a job. Dirty and greasy areas can create work hazards.

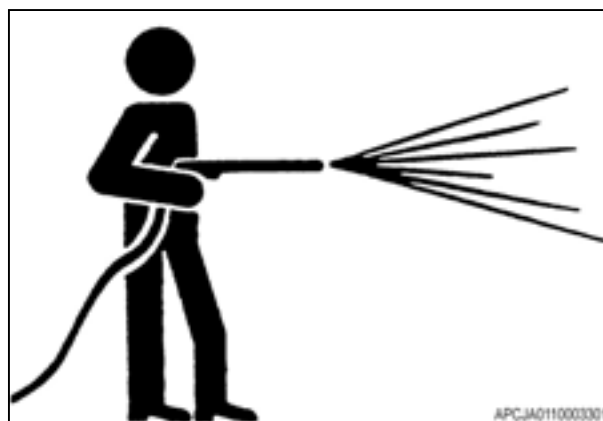


Fig. 13

Illuminate the working area correctly, adequately and safely.

Use correct safety lamps with wire safety cages. Exposed bulbs can ignite fluids.

Drain fluids in correct containers.

Never use beverage containers that can mislead and result in personnel drinking from them.



Fig. 14

1. Safety

Make-shift tools and procedures can create safety hazards. Use only the correct equipment and procedures.

Use power tools only to loosen threaded parts and fasteners.

Use only SAE tools with SAE fasteners and metric tools with metric fasteners.



Fig. 15

Never support the machine on cinder blocks, hollow tiles or supports that can crumble.

Never work under a machine that is only supported by a jack.

Always use wheel chocks.



Fig. 16

Lifting incorrectly can cause injury or machine damage.

Follow the procedures recommended in the proper manual for removal and installation of components of this machine, systems or components.



Fig. 17

Avoid High-Pressure Fluids

Releasing fluid or fluid leaking from the hydraulic system or the fuel injection system under high pressure can be very hard to see. The fluid can go into the skin causing serious injury.

Fluid injected into the skin must be surgically removed within a few hours. If not removed immediately, serious infection or reaction can develop. Go immediately to a doctor who knows about this type of injury.

The machine must be stopped and cooled before checking fluids. Use caution when removing radiator caps, plugs, grease fittings or pressure taps.

Never open pressure lines when they are under pressure. Release all pressure before doing maintenance or repairs on any pressurized system.

Prevent the hazard by relieving pressure before disconnecting hydraulic or other lines. Tighten all connections securely before applying pressure.

When searching for leaks, use a piece of wood or cardboard. Protect hands and body from high pressure fluids. Do not use your hands.

Never open hydraulic lines or fuel lines when they are under pressure. Hydraulic fluid or diesel fuel under pressure can cut the skin, cause bad burns, eye injury, skin irritation, or gangrene.

If an accident does occur, get medical help immediately if any personnel are injured by hydraulic fluid or fuel.

Any fluid injected into the skin must be surgically removed within a few hours or gangrene can occur.

Doctors unfamiliar with this type of injury must refer to a knowledgeable medical source.

Never heat by welding, soldering or using a torch near pressurized fluid lines or other flammable materials.

Pressurized lines can be accidentally cut when heat goes beyond the immediate flame area from torch cutting or arc welding.

Flammable spray can be generated by heating near pressurized fluid lines, resulting in severe burns to personnel and bystanders.



Fig. 18

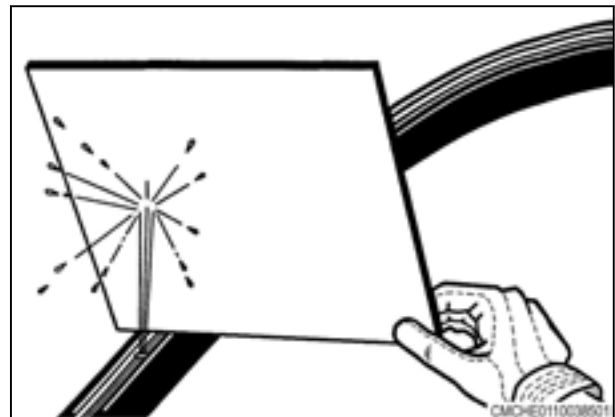


Fig. 19



Fig. 20

Rapid release of fluids from pressurized cooling systems can cause serious burns.

Shut off the engine. Remove the filler cap only when the filler cap is cool enough to touch with bare hands. Slowly, loosen the filler cap to the first stop to relieve any pressure before removing the cap completely.



Fig. 21

Electrical storage batteries give off highly flammable hydrogen gas. Keep sparks and flames away from the battery.

Do not lay tools or other conductive materials on a battery.

Be careful when connecting booster cables to the machine. Electrical component damage or battery explosion can result if booster cables are not installed correctly.

Sulfuric acid in battery electrolyte is poisonous. The acid is strong enough to burn skin, eat holes in clothing, and cause blindness if splashed into eyes.

If acid contacts eyes, skin or clothing, flush with water immediately. If eye contact occurs, flush with water for 15 minutes and seek medical attention immediately.

If swallowed, drink large quantities of water or milk. Do not induce vomiting. Seek medical attention immediately.

Battery posts, terminals and other battery parts contain lead and lead compounds. Wash hands carefully after handling a battery.

Never weld on a wheel or rim that has a tire on it.

Never try to mount or remove a tire unless using the correct equipment. A tire safety cage, instructions, and training are necessary to do the work safely. Failure to follow the correct procedures when mounting a tire on a wheel or rim can cause an explosion and serious injury.

Tire repair procedures must be done by trained and approved personnel.

Before adding air to a tire, inspect the tire and wheel for any signs of damage. Do not attempt to fill if damage is noticed. Have trained and approved personnel make repairs immediately.

See additional instruction in the tire safety section.

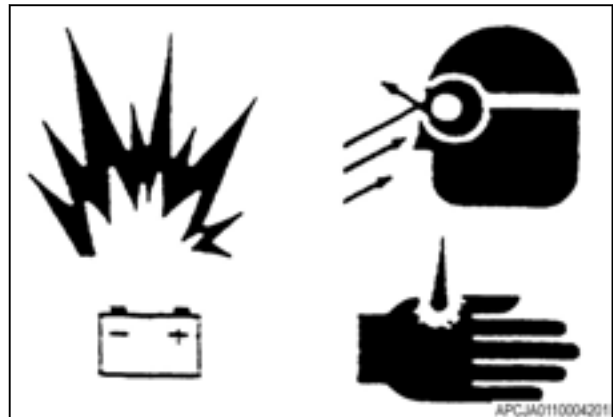


Fig. 22



Fig. 23

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