

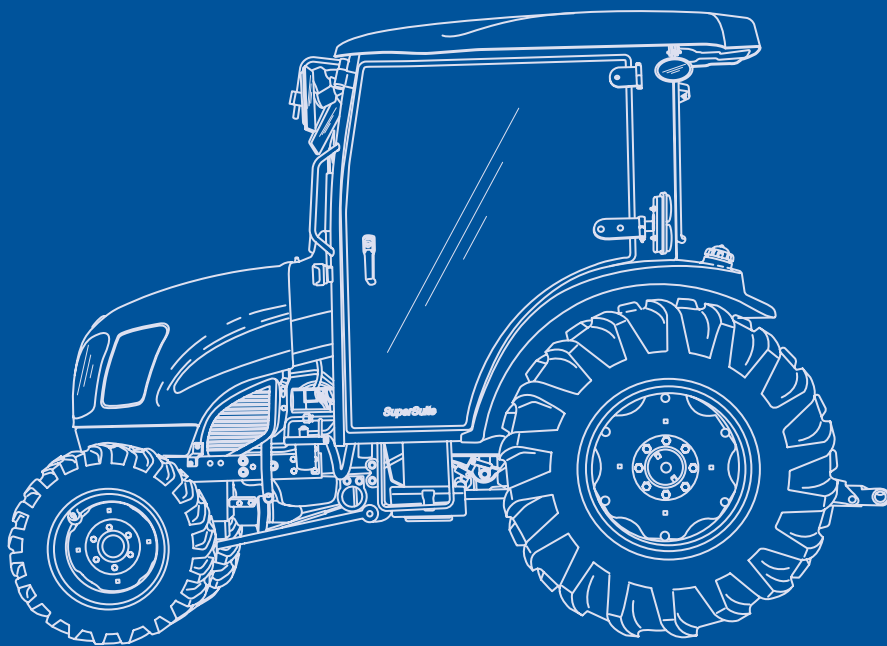
OPERATOR'S MANUAL

Boomer

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Print No. 8432843 I

3rd edition

English 4/2010

Replaces p/n 84267784

 **NEW HOLLAND**
AGRICULTURE

ORIGINAL INSTRUCTIONS - according to Directive 2006/42/EC, Annex I 1.7.4.1

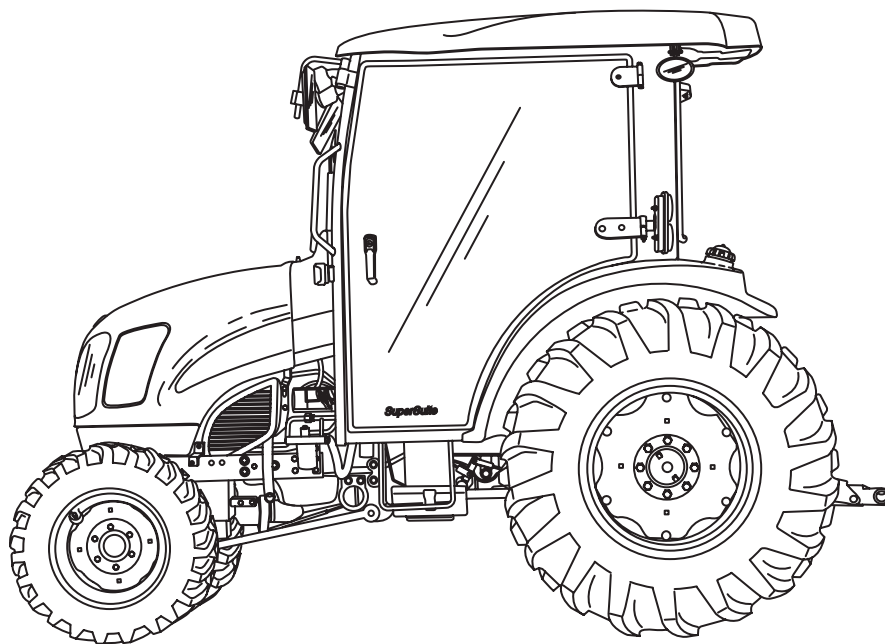
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TO THE OWNER

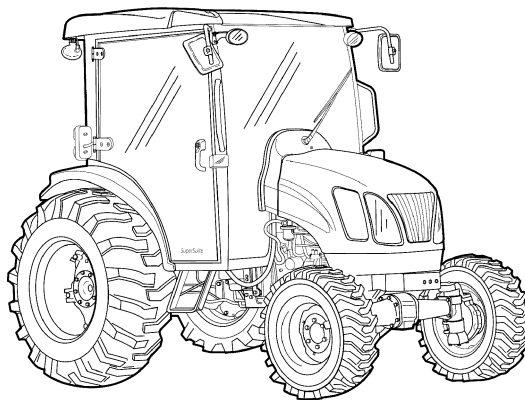
This manual contains information concerning the operation, adjustment, and maintenance of Boomer Models 3040, 3045, and 3050. You have purchased a dependable machine, but only by proper care and operation can you expect to receive the performance and long service built into this tractor. Please have all operators read this manual carefully and keep the manual available for ready reference.

Your New Holland dealer will instruct you in the general operation of your tractor. (Refer to the “Pre-Delivery Report” at the back of this manual.) Your dealer’s staff of factory-trained service technicians will be glad to answer any questions that may arise regarding the operation of your tractor.

Your New Holland dealer carries a complete line of genuine New Holland service parts. These parts are manufactured and carefully inspected to insure high quality and accurate fitting of any necessary replacement parts. Be prepared to give your dealer the model and product identification number of the tractor, when ordering parts. Locate these numbers now and record them below. Refer to the “General Information” section of this manual for the location of the model and serial numbers of your tractor.

Model _____

Product Identification Number _____



76080592

⚠ WARNING ⚠

This safety alert symbol indicates important safety messages in this manual. When you see this symbol, carefully read the message that follows and be alert to the possibility of personal injury or death.

M171C

⚠ WARNING ⚠

Pictures in this manual may show protective shielding open or removed to better illustrate a particular feature or adjustment.

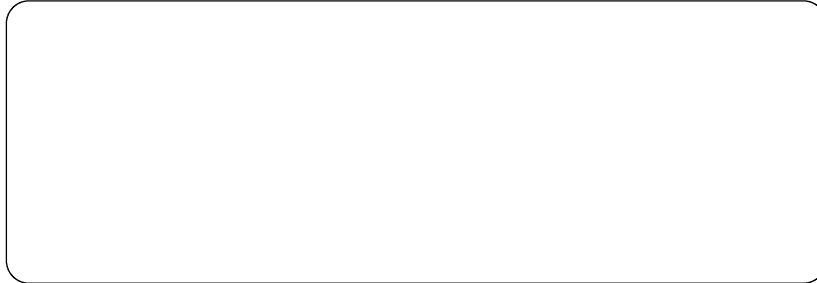
Be certain, however, to close or replace all shielding before operating the machine.

M1317

IMPROVEMENTS

CNH AMERICA LLC is continually striving to improve its products. We reserve the right to make improvements or changes when it becomes practical and possible to do so, without incurring any obligation to make changes or additions to the equipment sold previously.

Dealer's stamp



2010 CNH Europe Holding S.A. 13 Rue Aldringen 13, L-118 Luxembourg



Your success - Our specialty

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INTENDED USE OF YOUR TRACTOR

WARNING

Your tractor is designed according to European directives related to health and safety risks; though it has been designed to minimize all the potential risks it is mandatory to carefully read, understand, and observe all the decals and labels of the PPP (Plant Protection Product) and to always refer to information and prescriptions outlined in this manual to prevent all residual potential risks. In case you may need further assistance, please do not hesitate to contact your dealer.

Your tractor is designed and made to pull, to carry, and to power a variety of mounted or towed equipment, although within some physical limits. The working speed and performance may depend on a number of various parameters, such as weather and terrain conditions. Though the tractor is designed to perform in combination with a variety of equipment in most crops and conditions, there may be a number of combinations of above parameters, for which there is severe degradation of performance of the tractor and/or its mounted or trailed equipment. If you notice degradation of performance, contact your dealer for assistance. He may have useful information for improvements, or a kit may be available to enhance the performance.

- Do not use the tractor for another purpose than intended by the manufacturer and outlined in this manual.
- Do not use the tractor beyond its limits of terrain gradient and stability as outlined further in this manual. Using the tractor beyond these limits may result in roll-over or tip-over. Observe the recommendations in this manual.
- Do not use the tractor on higher speeds than allowed by the load and the environment. A wet surface or other low adherence conditions may increase the braking distance or result in vehicle instability. Always adapt your traveling speed according to the load of the vehicle and the characteristics of the road.
- Do not use the tractor near or on soft verges of canals and brooks or banks and verges that are undermined by rodents. The tractor may sink sideways and roll-over.
- Do not use the tractor on brittle bridge heads and poor bridge floors. These constructions may collapse and cause roll-over of the tractor. Always check out the condition and carrying capacity of bridges and ramps prior to engage.
- Do not use the tractor without wearing the seat restraint system during activities where roll-over or tip-over hazards exist. The ROPS cab or ROPS structure will only be fully effective when the driver remains attached to his seat.
- Do not use equipment mounted on the tractor which is not correctly matching and firmly fixed. Such equipment may increase the risk for roll-over and hit the tractor when coming loose. Ensure that the dimensions of the three-point linkage interface of both the tractor and the equipment are matching according to the categories defined in ISO 730. Ensure that the dimensions and speed of the PTO shaft on the tractors are matching those of the equipment.
- Do not use the tractor in combination with equipment, without having consulted the specific Operator's Manual provided with the equipment. The tractor is a universal tool to carry, tow, and drive a variety of equipment. This manual alone cannot provide you with all the information required for the safe operation of the combination.
- Do not use the tractor beyond its limits of dynamic stability. High speed, abrupt maneuvers, and fast and short cornering will increase the risk of roll-over.
- Do not use the tractor for pulling work, in cases where you do not know whether the load will yield, for instance when pulling stumps. The tractor may flip over when the stump is not yielding.
- Be extremely cautious when working with the tractor on forage silos without lateral concrete walls. Dual wheels or a wide track setting may improve the lateral stability of the tractor.
- Be cautious that the center of gravity of the tractor may increase when loads on the front-end loader or the three-point linkage are raised. In these conditions, the tractor may roll-over earlier than expected.
- Do not step down from the tractor without shutting down the PTO, shifting the transmission to park or neutral and applying the park brake, unless continued PTO operation is required for some equipment, such as pumps or wood chippers. The latter equipment may have an emergency stop device on the equipment itself, as human intervention is needed during operation. But other equipment, engaged and driven by the tractor will have no means to stop the power transmission, other than the PTO clutch of the tractor.

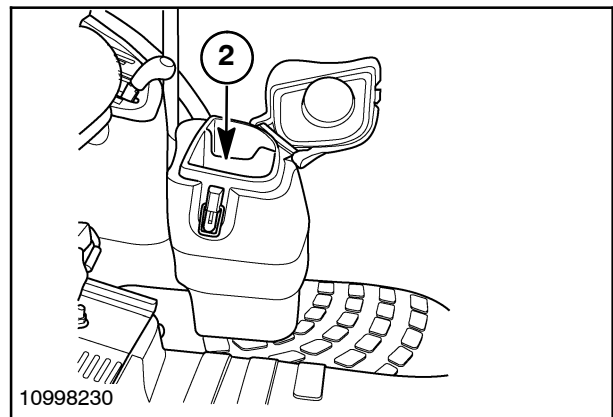
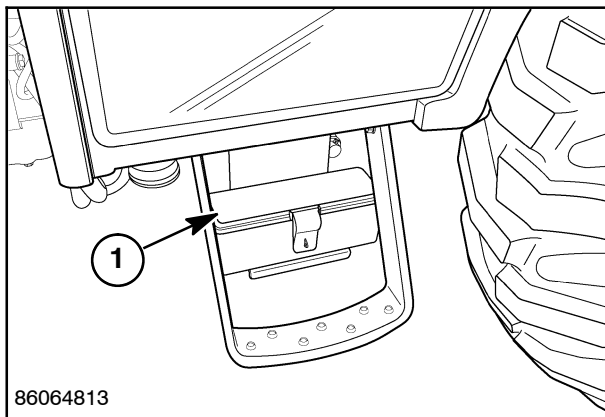
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- You shall take the necessary precautions to always be aware of the possible presence of bystanders, certainly when maneuvering in confined areas, such as the farm yard and sheds. Keep people away from the tractor during work; ask bystanders to leave the field. There is not only the risk to be overrun by the tractor, but objects ejected by some equipment mounted on the tractor, such as a rotary mower, may cause harm. Stones may be thrown further than the mowed crop. Pay the necessary attention while operating next to public roads or footpaths. Thrown objects can get projected outside the field and hit unprotected people like bikers or pedestrians. Wait to cut the edge of the field till it is clear of bystanders.
 - Do not allow riders on the tractor; do not allow people standing on the access way or step to the cab when the tractor is moving. Your view to the left will be obstructed and a rider risks to fall from the tractor during unforeseen or abrupt movements.
 - Always stay clear from implements operating area and especially do not stand between tractor and trailed vehicle either three-point linkage when operating lift controls; ensure no bystanders are near these operating areas.
 - Certain functions of your tractor, if equipped with a CVT transmission, are controlled by software and some of them are safety related. Do not attempt to modify or download software from spurious sources. Settings and logics may be destroyed and affect seriously the function of the tractor. This may result in unpredictable and unsafe behavior of the tractor. Only your dealer is entitled to intervene on the software of the tractor. He has the appropriate tools and data sets for it and owns the officially released software versions and updates for your tractor.
 - Your tractor may be equipped with a number of sensors to control safety functions. Tripping these sensors will result in a safe operation mode. Do not attempt to bypass any function on the tractor. You will be exposed to serious hazards, and moreover, the behavior of the tractor may become unpredictable.
 - A tractor has only one operator station and is a one man operated vehicle. Other people on or around the tractor during normal operation are not allowed.
 - The machine is designed and produced exclusively for agricultural use.
 - The machine is not designed for light/heavy forestry applications; usage is prohibited for forestry applications.
 - All other use will be considered to be contrary to the use specified by CNH AMERICA LLC, who cannot be held liable for damage to property or the machine, or for personal injuries which may result.
 - Persons who risk improper use will therefore assume the responsibility for any consequences arising from such use.
 - Compliance with the instructions for use, maintenance and repairs described in this manual, are the essential preconditions for the use specified by CNH AMERICA LLC.
 - The machine must only be used, serviced, or repaired by personnel trained in the relevant working methods and safety regulations and who have been authorized to work on the machine.
 - The user must also observe the rules concerning general safety and accident prevention, including the Highway Code when driving on public highways.
 - Any arbitrary modifications made to this machine will release CNH AMERICA LLC from any liability resulting from damage or injury.
 - CNH AMERICA LLC and all its distribution organizations, inclusive of, but not restricted to, national, regional, or local distributors, cannot be held liable for damage resulting from the malfunction of parts and/or components not approved by CNH AMERICA LLC.
 - Under no circumstances will a guarantee be issued for products made or sold by CNH AMERICA LLC that are damaged as a result of the malfunction of parts and/or components not approved by CNH AMERICA LLC.

ABOUT THIS MANUAL

This manual gives information for use of this tractor, as intended and under the conditions foreseen by the manufacturer during normal operation and routine service and maintenance.

- Normal operation means the use of the tractor for the purpose intended by the manufacturer by an operator familiar with the tractor and the mounted or towed equipment and complying with the information for operation and safe practices, as specified by the manufacturer in this manual and by the signs on the tractor and the equipment.
- Normal operation includes the preparation and storage of the tractor, swinging components into work position and vice versa, adding or removing ballast and picking up and setting off attachments.
- Normal operation includes the adjustment and setting of the tractor and equipment, for the specific condition of the field and/or the crop.
- Routine service and maintenance means activities that must be done daily by an operator familiar with the tractor characteristics and complying with the information for routine service and safe practices, as specified by the manufacturer in this manual and by signs on the tractor, in order to maintain its proper function. Routine service includes activities such as fueling, cleaning, washing, topping up fluid levels, greasing, replacing of consumable articles such as lamp bulbs.
- This manual is not giving all the information related to periodical service, converting and repairs to be carried out by professional service personnel. For some of the latter activities, there may be a need for appropriate facilities, technical skills and tools which are not supplied with the tractor, please refer to your dealer or authorized workshop.
- Periodical service means activities that must be done at defined intervals by trained personnel familiar with the tractor characteristics and which are complying with the information for periodical service and safe practices, as partly specified by the manufacturer in this manual and in other Company literature, in order to maintain the expected life time of the tractor.
- Converting means activities that must be done by professional service personnel familiar with the tractor characteristics and complying with the information for converting, as partly specified by the manufacturer in this manual, in assembly instructions or other Company literature, in order to fit the tractor to a specific configuration.
- Repair means activities that must be done by professional service personnel only familiar with the tractor characteristics and complying with the information for repair, as specified by the manufacturer in the dealer's workshop manual, in order to restore the proper function of the tractor after a failure or degradation of performance.

MANUAL STORAGE



The Operator's Manual is located in the toolbox, which is mounted behind the step on cab tractors, 1, and in front of the left-hand step on ROPS tractors, 2. Keep the Operator's Manual in the toolbox. The Operator's Manual must be available for use by all operators.

PRECAUTIONARY STATEMENTS

PERSONAL SAFETY

Throughout this manual and on machine decals, you will find precautionary statements (“**DANGER**”, “**WARNING**”, and “**CAUTION**”) followed by specific instructions. These precautions are intended for the personal safety of you and those working with you. Please take the time to read them.

DANGER

This word “**DANGER**” indicates an immediate hazardous situation that, if not avoided, will result in death or serious injury. The color associated with Danger is RED.

M1169

WARNING

This word “**WARNING**” indicates a potentially hazardous situation that, if not avoided, could result in death or serious injury. The color associated with Warning is ORANGE.

M1170

CAUTION

This word “**CAUTION**” indicates a potentially hazardous situation that, if not avoided, may result in minor or moderate injury. It may also be used to alert against unsafe practices. The color associated with Caution is YELLOW.

M1171

FAILURE TO FOLLOW THE “DANGER”, “WARNING”, AND “CAUTION” INSTRUCTIONS MAY RESULT IN DEATH OR SERIOUS BODILY INJURY.

MACHINE SAFETY

The precautionary statement (“**NOTICE**”) is followed by specific instructions. This statement is intended for machine safety.

NOTICE: *The word “NOTICE” is used to inform the reader of something he needs to know to prevent minor machine damage if a certain procedure is not followed.*

INFORMATION

NOTICE: *Instructions used to identify and present supplementary information.*

SECTION 0

SAFETY

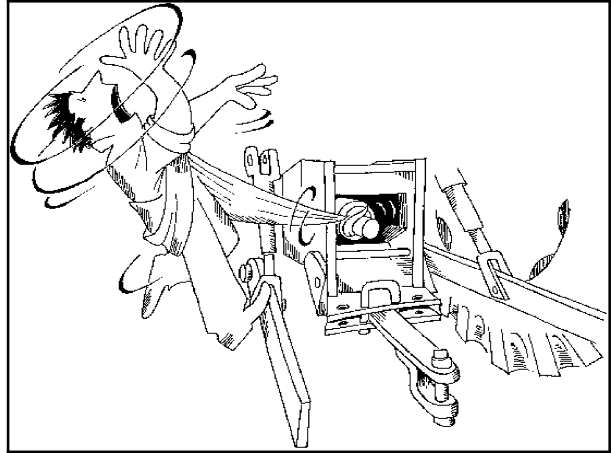
⚠ PRECAUTIONARY STATEMENTS ⚠

WORKING SAFELY

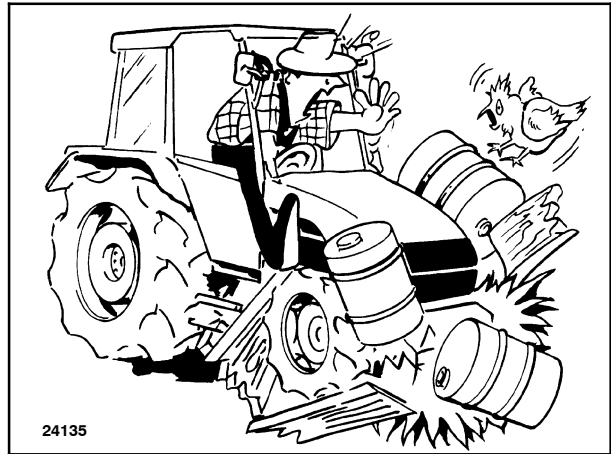
1. During the manufacturing of this tractor, every step has been taken to ensure safe operation. However, the best way to avoid accidents is to exercise caution at all times. Once the accident has already happened it is too late to remember what steps should have been taken.
2. Read this manual carefully before starting, using, carrying out maintenance, refueling or performing any other type of operation on the tractor.
3. The time spent reading this manual will allow you to get to know your tractor, thereby saving time and effort. This will also help prevent accidents from taking place.
4. Read all the safety decals on the machine and follow the instructions thereon before starting, operating, refueling or carrying out maintenance on the machine. Promptly replace any decals that are damaged, lost or illegible.

Clean the decals if they are covered by mud or debris.
5. Remember that the tractor is exclusively designed for agricultural use. Any other use will require prior authorization from CNH America LLC.
6. It is advisable to keep a first aid kit on hand.
7. The tractor must only be used by responsible personnel, trained in tractor use and authorized to operate the machine.
8. Do not alter the injection system calibration in an attempt to increase maximum engine speed.
9. Do not wear loose clothing that may be trapped in moving parts.

Check that all rotating parts connected to the power take-off are correctly protected.
10. It is recommended to wear gloves or to use a rag when adding oil or coolant to hot engines or transmissions.



11. Do not alter the calibration of the pressure relief valves in the various hydraulic circuits (hydrostatic steering, hydraulic lift, auxiliary distributors, etc.).
12. Avoid using the tractor in unsuitable physical conditions, stop work instead.
13. Enter and leave the tractor using the steps and handles provided. Keep these fittings free of mud and debris.
14. Always operate with the cab correctly and securely fitted on the tractor: periodically check that the fittings are not loose and that all parts of the structure are free from any damage and deformation. Do not modify the cab by welding parts, drilling holes, etc., as this could adversely affect the rigidity of the structure.
15. Make sure you know ways of getting out of the machine (emergency exit via the right-hand door) in case the machine falls over or if access via the left-hand door is not possible. Make sure that the left-hand door is not possible. Make sure that the right-hand door is not locked.



PROTECTION OFFERED BY THE TRACTOR CAB

COMFORT AND SAFETY INSIDE THE CAB

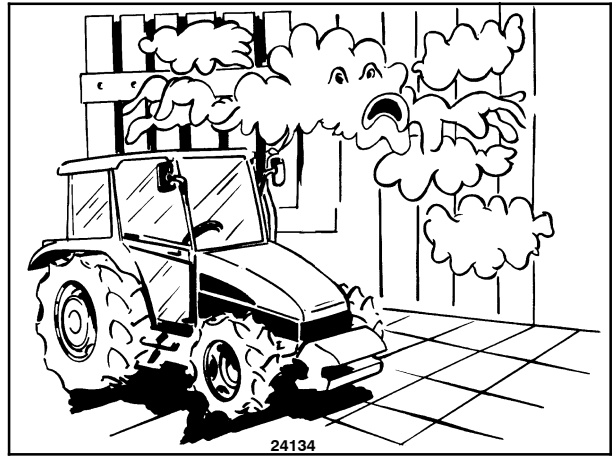
The cab on this tractor meets the requirements of Category 1, as defined in *EN 15695-1*. This means that the air delivery and filtration system does not provide a specified level of protection against hazardous substances but only from external atmospheric conditions (e.g., rain, wind, snow, etc.)

FOPS (Falling-Objects-Protective-Structure)

The cab on this tractor does not provide protection against falling objects according to OECD code 10 standard. It is recommended to use a certified FOPS structure when working with front-end loaders; a cab that is not FOPS certified does not offer sufficient protection against falling rocks, bricks or pieces of concrete.

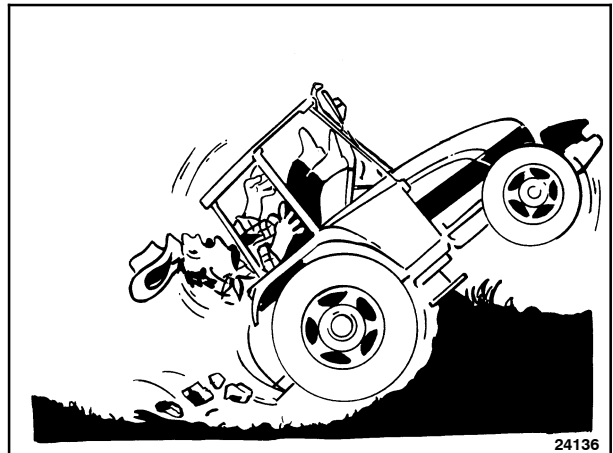
STARTING THE TRACTOR

1. Before starting the engine, check that the hand brake is on and that the gears or shuttle shift lever and power take-off are disengaged, even if the tractor is fitted with a start-up safety device. Never disconnect the start-up safety switch. If the switch does not work correctly, contact your local dealer for eventual repair operations.
2. Before starting the engine, make sure that all attached implements are lowered to the ground.
3. Before starting the engine, check that all covers and guards are correctly in position (hood side panels, power take-off guard, front axle transmission shaft cover, etc.).
4. Never start or maneuver the tractor unless seated in the driving position.
5. Before moving the tractor, always check that the area is free of persons or obstacles.
6. Never run the engine in a closed space without ensuring adequate ventilation. Exhaust fumes are damaging to the health and can be lethal.



USING THE TRACTOR

1. Select the most suitable wheel setting for the work in hand, i.e.: the setting that provides the best stability.



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Please click the “Buy Now!”
button below to download the
complete manual.



After you pay.

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perfect and complete manual in
the world immediately.

Our support email:

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