

JX60 / JX70 / JX80 / JX90 / JX95

**JX60 / JX70 / JX80
JX90 / JX95
Tractors**

Operator's Manual

87592273

CASE 

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JX90, JX95
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Electro-magnetic Interference (EMC)

This tractor complies strictly with the European Regulations on electro-magnetic emissions. However, interference may arise as a result of add-on equipment which may not necessarily meet the required standards. As such interference can result in serious malfunction of the unit and/or create unsafe situations, you must observe the following:

- Ensure that each piece of non-New Holland equipment fitted to the tractor bears the CE mark.



- The maximum power of emission equipment (radio, telephones, etc.) must not exceed the limits imposed by the national authorities of the country where you use the tractor.
- The electro-magnetic field generated by the add-on system should not exceed 24 V/m at any time and at any location in the proximity of electronic components.

Failure to comply with these rules will render the New Holland warranty null and void.

CAUTION



THIS WARNING SYMBOL POINTS OUT IMPORTANT MESSAGES CONCERNING YOUR SAFETY. READ THE FOLLOWING SAFETY REGULATIONS CAREFULLY AND FOLLOW THE RECOMMENDATIONS IN ORDER TO AVOID POTENTIAL HAZARDS AND SERIOUS OR FATAL ACCIDENTS. SAFEGUARD YOUR HEALTH AND SAFETY AND THAT OF OTHERS BY ALWAYS TAKING THE UTMOST CARE.

In this Manual and on the decals attached to the tractor, the symbol is accompanied by the following keywords:

■ **CAUTION** – When the warning is to prevent potential damage to the machine, which could also put the operator's safety at risk.

■ **DANGER** – This warning specifically indicates a potential danger to the user or to any other person directly involved.

Failure to observe the instructions preceded by the aforementioned key words (**CAUTION** and **DANGER**) may result in severe or fatal injury to the persons involved.

Furthermore, this Manual also contains instructions in italics preceded by the terms **NOTE** and **WARNING**, with the following relevance in relation to machine protection:

■ **NOTE** – Underlines the correct procedure or technique to be followed by the operator.

■ **WARNING** – Informs the operator of the danger of damaging the machine if the specified procedure is not followed.

IMPORTANT WARNINGS

The machine is designed and produced exclusively for agricultural and forestry use. Any other use may lead to serious accidents.

All other use will be considered to be contrary to the use specified by CASE IH, 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 CASE IH.

The machine must only be used, serviced or repaired by personnel trained in the relevant working methods and safety regulations and who have been authorised to work on the machine.

The driver 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 CASE IH from any liability resulting from damage or injury.

CASE IH and all distribution organisations, 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 CASE IH.

Under no circumstances will a guarantee be issued for products made or sold by CASE IH that are damaged as a result of the malfunction of parts and/or components not approved by CASE IH.

TRACTOR NOISE LEVEL INFORMATION SHEET

In compliance with **DPR no. 212 enclosure 8 section II** incorporating directive **77/311/EEC**, the noise levels for tractors fitted with tyres covered by the Use and Maintenance Manual are as specified below.

TRACTORS WITH ROLL BARS 2/4WD

Model	Maximum noise level at steering wheel section II dB (A)	
	30 km/h (19 mph)	40 km/h (25 mph)
JX60	85	
JX70	85	
JX80	86	
JX90	85	
JX95	84	

TRACTORS WITH CABS 2/4WD

Model	Maximum noise level at steering wheel with cab doors and windows closed	
	dB (A)	
	30 km/h (19 mph)	40 km/h (25 mph)
JX60	80	
JX70	80	
JX80	80	
JX90	80	
JX95	80	

TRACTORS WITH CABS 2/4WD

Model	Maximum noise level at steering wheel with cab doors and windows open	
	dB (A)	
	30 km/h (19 mph)	40 km/h (25 mph)
JX60	83	
JX70	80	
JX80	82	
JX90	83	
JX95	84	

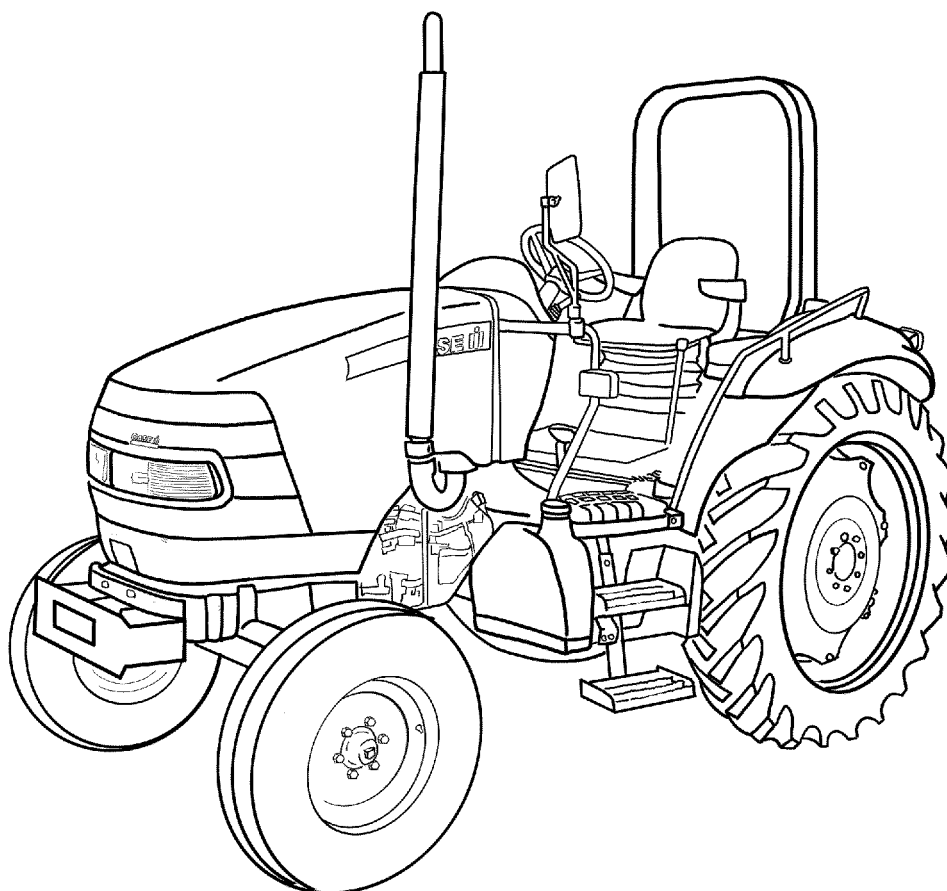
WARNING - If the noise level during continuous use reaches or exceeds **85 dB (A)**, the user must adopt the precautions.

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JX SERIES



TRE0065A

Dealer's stamp



INTRODUCTION

This Use and Maintenance Manual provides information, documents and a practical guide for the user with regard to running in, use and maintenance of the tractor.

to be considered approximate figures and the illustrations do not necessarily show tractors with standard fittings.

Read and refer to this Manual carefully, and always keep it in a convenient place so that you can refer to it whenever necessary.

For precise information on specific tractor models and versions, please contact your authorised dealer.

This Manual is a part of your tractor. If the tractor is sold or hired-out, this Manual must be presented to the new user.

The manufacturer is engaged in a continuous process of product development and improvement and therefore reserves the right to change the specifications, components and prices of the product itself at any time, without prior notice.

If you have any doubts in the future about tractor use, contact your CASE IH dealer.

In this Manual, the “left-hand” and “right-hand” parts of the tractor are as seen from the driver’s seat facing forward.

The dealer can provide skilled personnel, original spare parts and the necessary equipment to carry out your service requirements.

All necessary precautions to guarantee the safety of the operator or bystanders are listed and described in the «Working safely» section, at the start of the Manual. Read and follow this information provided **BEFORE** using the tractor.

All the data provided in this Manual is subject to product modifications. Weights and measures are

USING THIS MANUAL

In order to find information easily, the Manual is subdivided into single chapters, according to the index. Information regarding the tractor is included in the following chapters:

SAFETY NORMS - Working safely.

CONTROLS AND INSTRUMENTS - Location and operation of all controls.

OPERATING INSTRUCTIONS - General information regarding daily use, e.g.: starting and stopping the tractor, using the gears etc.

FIELD USE - This chapter deals with specific agricultural use e.g.: three point linkage, PTO etc.

TYRES/WHEELS/TRACKS/BALLAST - Various adjustments for agricultural use, e.g.: track variations, ballast types and use, etc.

TROUBLESHOOTING - This information is used to identify and correct any eventual tractor faults or malfunctions.

Maintenance operations are divided into two chapters:

LUBRICATION/MAINTENANCE - Maintenance periods.

ELECTRICAL SYSTEM - Electrical system maintenance.

When looking for a specific tractor part use Index at the end of the Manual.

Make sure that the Manual is kept in good condition.

If you want to know more about your tractor ask your CASE IH dealer for ulterior manuals and information. The Service Manual, Spare Parts Catalogue and Use and Maintenance Manual are also available. Your dealer employs skilled technicians who are specifically trained to service and maintain your tractor.

COMMUNICATION FOR THE USER

GENERAL GUIDELINES

The tractor is a power and drive-propulsion generator for normal and traditional use in agriculture and forestry work. The main tractor functions are: towing, pushing, transporting, lifting, operating machines or determined implements. Do not use the tractor for other purposes than those described in this Manual.

The tractor is designed and constructed to provide the best performance economically, safely and is easy to use in a wide range of working conditions. Prior to delivery, all machines are carefully inspected by both the Manufacturer and your local authorised dealer, to make sure that they reach the user in perfect condition. To maintain the tractor in this condition and ensure trouble-free operation, the routine maintenance operations described in the Lubrication/Maintenance chapter of this Manual must be carried out at the specified intervals.

SAFETY

Safety precautions for the operator and bystanders are shown on page 11 to page 17, inclusive. Read the safety instructions and follow recommendations and hints **before** starting to use the tractor.



CAUTION: *It is the tractor owner's responsibility to apply the laws and relevant directives and all CASE IH instructions with regard to tractor work and maintenance.*

CLEANING THE TRACTOR

Care must be taken when cleaning the tractor, especially if a pressurised water cleaner is used.

■ Never stand too close to the tractor or direct the water jet on electrical components, seals or intake openings, etc.

■ Never direct jets of cold water at the hot engine or exhaust. See also "Recommendations for bodywork maintenance" in section "Lubrication and Maintenance".

SPARE PARTS

"Non-original" spare parts have not been tested or authorised by the Manufacturer. Installment and/or use of such products may adversely affect the tractor's design specifications, thereby compromising operational safety. The manufacturer cannot be held responsible for any damage resulting from the use of "non-original" spare parts.

No modifications may be made to the tractor without written authorisation from the Manufacturer.

WARRANTY

The tractor is guaranteed in accordance with current legislation in your country and in line with contractual agreements reached with the dealer at the time of sale. However, the warranty is no longer valid if the rules and instructions for the use and maintenance of the tractor, described in this Manual, are not observed.

The manufacturer must authorize any special fittings that may be required by the user. Non-authorised fittings terminate the tractor warranty conditions.

IMPORTANT ECOLOGICAL CONSIDERATIONS

Soil, air and water are essential elements for agriculture and for life in general. If local legislation does not control the treatment of certain substances, the production of which is necessitated by advanced technologies, products derived from chemical and petrochemical products must be used and disposed of according to the rules of common sense.

The following recommendations may be of help:

■ Find out what the relevant legislation in your country stipulates.

■ Ask your suppliers of lubricants, oils, fuels, antifreeze, detergents, etc. for information on the effects of these products on humans and the environment and for instructions concerning their use, storage and disposal. In many CASE IHs, local agricultural consultants will be able to provide assistance.

SUGGESTIONS

1. Avoid using unsuitable, pressurised filling systems or fuel cans when filling tanks, as these may cause considerable spillage and leakage of liquids.

2. As a general rule, do not allow liquid fuels, lubricants, acids, solvents, etc., to come into contact with the skin. The majority of these products contain substances that are potential health hazards.

3. Modern lubricants contain additives. Do not burn contaminated fuel oils and/or oils used in conventional heating systems.

4. Avoid spillage when transferring used engine cooling liquids, engine and transmission lubricants, hydraulic oils, brake fluids, etc. Never mix used brake oil with fuel oil, or fuel oil with lubricants. Store safely until suitable disposal can be arranged according to national legislation or local regulations.

5. Modern antifreeze liquids and solutions, e.g. antifreeze and other additives, must be replaced every two years. They must not be left to be absorbed into the ground, but must be collected and disposed of in a suitable manner.

6. Do not open the air conditioning systems to carry out work. These systems contain gas that must not be released into the atmosphere. Contact your dealer who are equipped with the appropriate equipment and are authorised to refill the system.

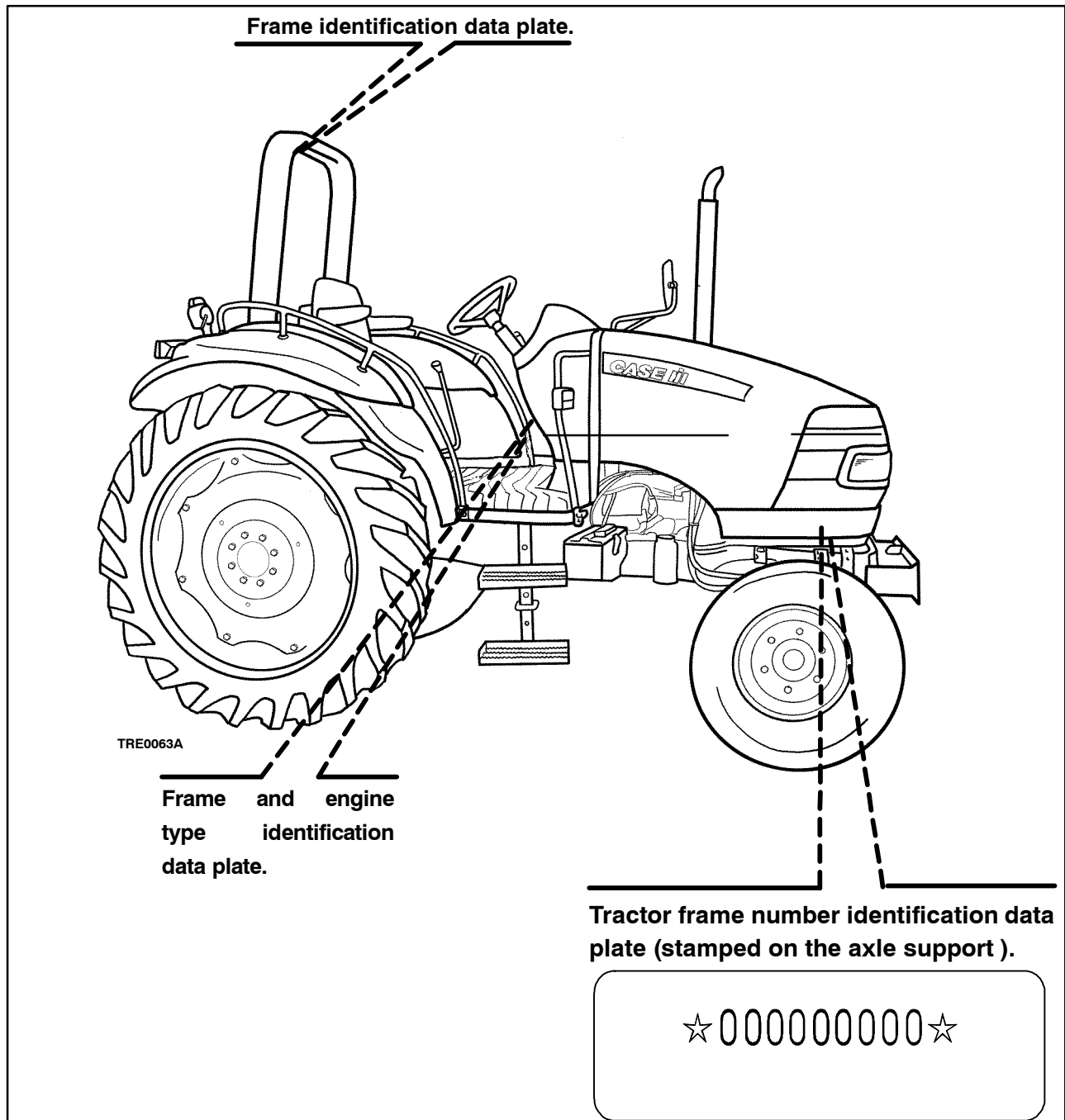
7. Any leakage or defect in the engine cooling or hydraulic systems must be repaired immediately.

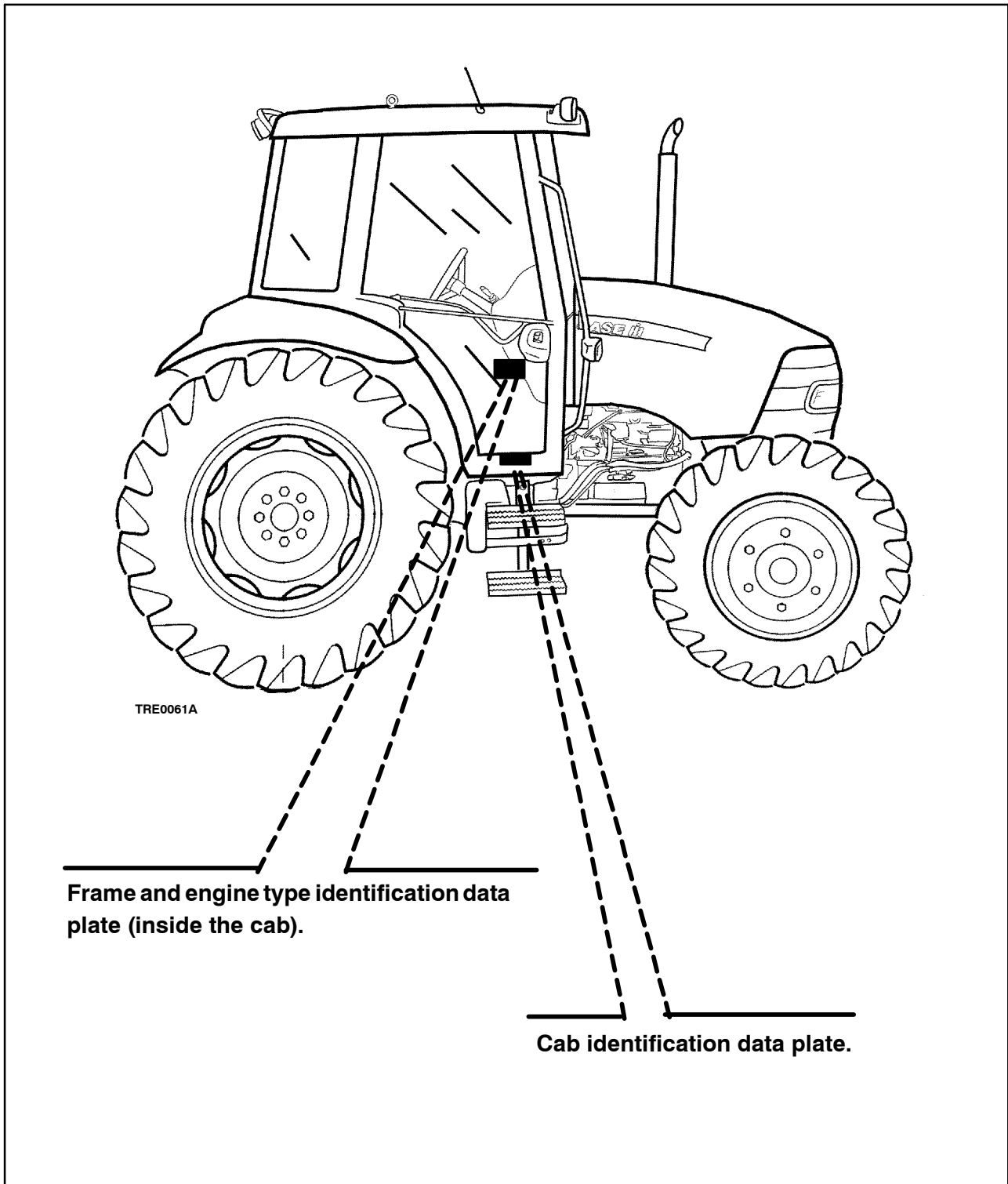
8. Do not increase the pressure in pressurised systems, as this may cause component parts to burst.

9. When welding, make sure that hoses are properly protected as sparks or molten material may puncture or weaken the tubes and sleeves, resulting in leakage of oil, cooling liquid, etc.

TRACTOR IDENTIFICATION

Serial numbers identify the tractor and its main components. The identification data must be supplied by the dealer for requests for spare parts or service operations. Identification data is of fundamental importance in the event of theft of the tractor. The location of the various identification data is shown below.







Our support email:

ebooklibonline@outlook.com