

Principal index

This operators hand book is divided into 12 principal parts identified with the letters A, B, C through to L.

These parts are sub divided numerically into sections. There are four title levels, e.g D.13 the letter D indicates the principal part "D. Controls and Instruments". The first number 1 (refer to the "Contents Index") indicates that it is referring to the section that illustrates the controls and instruments, etc.

The "Content Index" has letters, numbers and pages. Each page give reference as to what part of the Hand Book it is referring.

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Environment Management System

The Waste

One of the major environmental problems today is the waste. As time goes by, the municipality is facing even more difficulties to give a proper destination to the waste generated by residences, businesses and industries. Available landfills are becoming scarce.

You can help reduce the waste issue. The big tip here is that everybody can make a great difference with their small actions. So, do not waste your time, adopt and disseminate the following ideas:

- Do not throw rubbish on the soil, rivers or lakes. Apply the 3Rs principle in order to administer the waste generate at home, work or recreation:
 - **Reduce** the volume of generated waste.
 - **Reuse**, that is, give a new useful destination to waste materials before discarding them;
 - **Recycle** the waste: separate the waste for selective collection, which will be forwarded to be transformed in raw material for other products.
- Practice Selective Collection
 - **Blue** – paper and cardboard
 - **Green** – glass
 - **Red** – plastic
 - **Yellow** – metal
 - **Black** – wood
 - **White** – medical and health service wastes
 - **Purple** – radioactive wastes
 - **Brown** – organic wastes
 - **Orange** – hazardous wastes
 - **Gray** – general separable, non-recyclable or non-contaminated waste

AIR Pollution

- The proper tractor maintenance, in addition to contributing to extend to a maximum its useful life, ensures the fuel consumption reduction and the emissions released to the atmosphere.
- Neither leave the tractor ON nor accelerate the engine unnecessarily.
- Run with an modified or damaged exhaust system causes a considerable increase in air pollution, and engine noise level (sound pollution) as well.

SOIL and WATER Pollution

Oils and fluids

- The products used by the tractor for its operation (engine oil, brake fluid, power steering fluid, engine coolant etc.) when replaced, should be carefully collected in appropriate containers, thus preventing environment contamination.
- Never discard used oil or fluids directly to the environment, this practice can cause pollution and serious damage to the environment.
- Tractor oils and fluids change should preferably be performed by a Valtra dealer or authorized networks since most of these establishments keep an appropriate routine for collection, storage and forwarding the used product to a recycling facility. These products contain hazardous substances and cannot be discarded on the domestic waste.

Environment Management System

Batteries

- When changing the battery return it to your dealer or forward it to a battery recycling facility. Never discard used batteries on the domestic waste.

Tires

- The tire rubber does not decompose with time, reason why used tires should not be discarded in common waste bins or abandoned to the environment. It is advisable to leave them at the establishment that changed the tire so that it can provide for tire recycling.

Agriculture practices

- Try to adopt proper agriculture practices, seeking to cause minimum aggression to the Environment.
- The use of chemical manure and agrottoxins introduces a large number of products which are hard to decompose and contaminate the soil and consequently compromise the water status and human health. Do not allow any loss of these products, always use them in the quantity specified.
- Empty packages, agrottoxin left-over and similar, cannot be discarded on the soil, rivers, lakes or municipal sewers, check the technical recommendations in the product use directions or complementary leaflet. By doing this you are contributing to health and environment protection.
- Avoid burning.

Health and Safety Information

Prior to operating the tractor carefully read the safety precautions shown in the operator's manual

- For information on handling or applying agrottoxins, chemical manure, pesticides or agrochemical, seek for orientation of a specialized professional, for the specification of the personal protective equipment – PPE's appropriate for the activity being performed;
- Prior to moving the tractor, make sure that there is no person within close range;
- Do not remove or interfere with the tractor guards;
- Be careful with the tractor rotary parts and implements, such as: drive belts, pulleys among other parts;
- Do not smoke when you are driving the tractor or in areas containing flammable products;
- Never use personal ornaments, such as: watches, bracelets, collars, rings among others;
- Never work wearing long sleeve shirts or blouses, or long hair since these can become a gripping point;
- Always keep you workplace clean and/organized giving a proper destination to residues.

Mandatory Recycling

**Return the used battery to your selling dealer
As per Conama's resolution.**

ALL CONSUMERS / END USERS ARE REQUIRED TO RETURN THEIR USED BATTERIES TO A SELLING SPOT. DO NOT DISCARD ON NORMAL WASTE.

THE SELLING SPOTS ARE REQUIRED TO ACCEPT YOUR USED BATTERY RETURNED TO THEM, AND WELL AS STORE IT AT AN APPROPRIATE SITE AND RETURN IT TO THE MANUFACTURER FOR RECYCLING.



Hazards from contact with the battery acid solution and lead:


The battery acid solution and lead if discarded to the environment in an inappropriate manner may contaminate the soil, underground and surface waters, and cause health and human hazards as well.

In case of accidental contact with the eyes or skin, wash the affected area immediately with running water and seek medical attention.

Base composition: lead, diluted sulfur acid, and plastic

Universal Symbols

As an aid for operation of your tractor, various symbols and universal definitions have been used. These symbols comply with the standardized procedures, and are followed with a description of their meaning.

	Stop Position (STOP)		Drivetrain Oil Temperature Warning Lamp		Low Fuel Level Warning Lamp
	Position to Switch on the Electrical System Without Operating the Engine		First Trailer Direction Indicator Lamp		Maximum PTO Indicator Lamp. 5 Minutes
	Engine Pre-heating Light		Second Trailer Direction Indicator Lamp		PTO Warning Lamp
	Start Position (Start)		Stop Warning Lamp		Horn
	Battery charging system warning lamp		Engine Warming-up Indicator Lamp		Panel Light
	Parking Brake Warning Lamp		Remote Control High and Medium Flow Operation Indicator Lamp		Windshield Wiper
	Engine Oil Pressure Warning Lamp		Controlled Outputs Constant Flow Operation Warning Lamp		Indicator Light Direction
	High Beam Indicator Lamp		Differential Blocking Indicator Lamp		Hourimeter
	Air Filter Restriction Warning Lamp		Multitorque Indicator Lamp		Coolant Warning Light
	Drivetrain Oil Pressure Warning Lamp		Front Wheel Drive Indicator Lamp		

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