snorkel

SR5719



OPERATOR'S and MAINTENANCE MANUAL

Open Cab
Manufactured/Control Kit Installed
January 2021 and after
Replaces January 2021

Part Number 159-0074-000
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1.8 TECHNICAL SPECIFICATIONS

1.8.1 MACHINE WEIGHT

Tare weight:

MACHINE	WITHOUT ACCESSORIES
Total mass [kg]	4517
Front axle weight [kg]	2030
Rear axle weight [kg]	2487

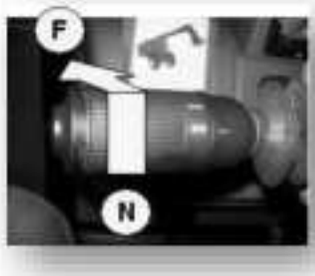
* the data refers to readings taken on the machines with CAMSO 12-16.5 wheels.

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2.1 DESCRIPTION OF THE CONTROLS

i. CONTROL LEVERS ON THE STEERING COLUMN

1. LEFT LEVER OF THE STEERING WHEEL (STALK)



To enable the forward gear of the machine (F) the lever must be pulled toward the steering wheel and then pushed forward. The letter "F" will be displayed on the front right dashboard.

To enable the reverse gear of the machine (R) the lever must be pulled toward the steering wheel and then pushed back. The letter "R" will be displayed on the front right dashboard.
Enable the neutral gear (N) by moving the lever to the central position.
The lever controls do not operate when:

- The parking brake is engaged
- the operator is not sitting in the driver's seat.



In the guide below the left lever of the steering wheel is referred to as the "stalk".

The lever can be used in all steering methods. It *is dangerous to change the direction of travel when the machine is moving with the engine at high speed; the machine will, in fact, abruptly invert the direction of travel; before reversing the gear, wait for the engine speed to drop to the minimum. When reverse is selected, an acoustic signal sounds to inform anybody present in the maneuvering area of the potential hazard.*
Attention! If the operator leaves the driver's seat, the neutral gear "N" is automatically engaged after 3 seconds.



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iv. OIL CHANGE AND OIL FILTER REPLACEMENT

The engine oil, in a new engine, is quickly contaminated by residue of the internal parts during run-in. It is very important that the first oil change be carried out in accordance with the maintenance schedule.

Subsequent oil changes must be carried out using the same operating procedure (after 500 operating hours or 1 year of activity; replace the oil and oil filter at the same time).

Proceed only with the motor at a standstill and at low temperature so as not to run the risk of burns, following the instructions below:

- Use only the oil specified below. Other engine oils may compromise the validity of the warranty, cause seizing and/or shorten the service life of the engine.
- Prevent the engine oil from being contaminated with dirt and cuttings. Carefully clean the oil cap/dipstick and surrounding area before removing the cap.
- Do not mix different types of engine oil
- Do not overfill. Overfilling may generate white exhaust smoke, over-revving or internal damage.

Drain the engine oil as per the following procedure:

1. Make sure the engine is level
2. Start the engine and bring it to operating temperature
3. Shut down the engine
4. Remove one of the fill caps ([1] or [2] in figure 1) to vent the casing and facilitate drainage
5. Place a container under the sump drain cap to collect the used oil
6. Remove the sump drain cap ([1] in figure 2) and wait for it to completely drain
7. Once drainage is complete, screw the cap back onto the sump (55 Nm torque)
8. Dispose of the used oil according to the relevant regulations in force

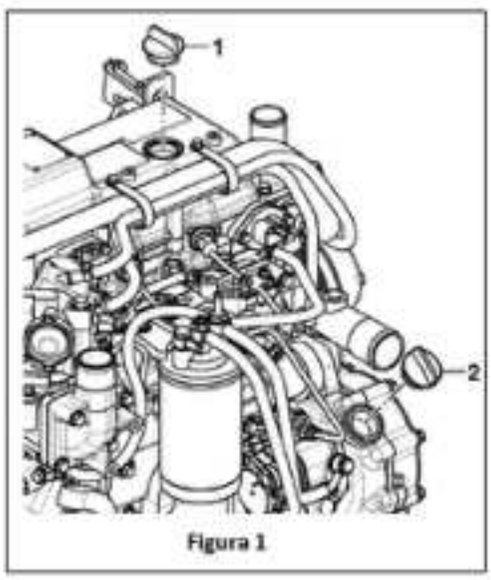


Figura 1

Note: the oil drain cap may be located in a different position if an optional oil sump is used

Remove and replace the oil filter as per the following procedure:

1. Unscrew the filter in a counter-clockwise direction ([2] figure 2) using a suitable spanner
2. Thoroughly clean the surfaces of the support in contact with the sealing
3. Moisten the sealing gasket of the new filter with a layer of oil.

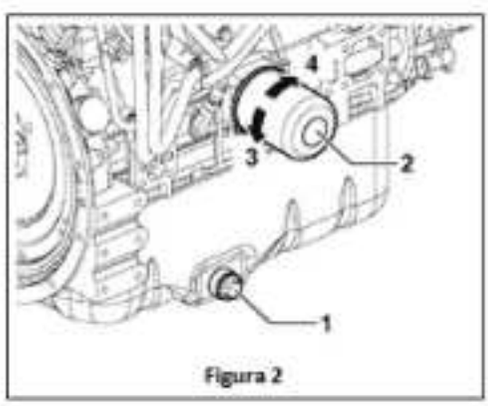


Figura 2

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ii. HOW TO DRAW A LOAD FROM ABOVE



Slowly move the machine forward, lifting the forks so that they're positioned on the vertical of the point where the load must be picked up. Fully penetrate the load with the forks until the machine is rested against the load. Raise the boom as little as necessary and tilt the forks back (transport position): the angle of the forks must be sufficient to stabilise the load preventing it from moving forward in the event of sudden braking during transport. Reverse with the machine and lower the telescopic boom.









Lay a load on its side perform the same operations in inverse order.

Attention! When picking up a load positioned up high, in order to place it in another equally high location, it may be tempting to make the move, especially if the journey is short, without lowering the load and then moving with the boom extended and the load at the top.



Don't do it! Even a small movement, especially on uneven ground, carried out with or without the load at the top can cause the machine to sway and possibly overturn (also sideways).

f. LIMITS OF MACHINE USE



Never lift or transport a load that exceeds the nominal capacity of the machine or the accessory.

Before lifting the load, check its weight and centre of gravity. The load diagram inside the cab refers to loads lifted with forks, whereby the centre of gravity is positioned at a distance D (indicated on the diagram) with respect to the edge of the fork.

If the load has a mobile centre of gravity, with liquids for example, move with precaution as it is not possible to determine a precise rule.



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- *After maintenance on the fuel system, such as the emptying/replacing the water separator or fuel filter or other components of the feed system, prime the system by setting the ignition key to the ON position (to the first step) for 10-15 seconds. This allows the electric pump to prime the system. Do not use the starter motor to run the engine with the purpose of priming the system. This might lead to overheating of the starter motor and damage the coils, the pinion and/or the crown gear.*

9. Check for fuel leaks

vii. REPLACING THE FILTER ELEMENT OF THE PRE-FILTER

The water separator (or pre-filter) filters impurities such as water, dust or dirt that frequently penetrate into the engine. Replace the fuel filter element every 500 hours of operation.

Proceed as follows:

1. Place a suitable container under the water separator to collect water and contaminants.
2. Close the fuel valve (4).
3. Open the drain valve (5) in the lower part of the separator. Remove any water there may be inside.
4. Turn the sump (2) to the left and remove it. If in place, disconnect the wire of the sump sensor before removing the sump.
5. Remove the floating ring (3) of the sump. Place the contaminants in the container and dispose of them appropriately.
6. Clean the inside of the sump (2).
7. Install the new element on the body (7).
8. Place the floating ring (3) in the sump (2).
9. Check the conditions of the sealing ring (8). Replace, if necessary.







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