CASE Multitrac
CS68, CS68a and CS75a

Sva 6-25510

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THIS WARNING SYMBOL POINTS TO IMPORTANT SAFETY NOTES IN THIS MANUAL. WHEN THIS SYMBOL APPEARS, THE SUBSEQUENT NOTES ARE TO BE READ THROUGH CAREFULLY IN ORDER TO MAKE YOU AWARE OF POSSIBLE DANGER OF INJURY, EVEN RESULTING IN DEATH. M171B

The safety labels on this machine use the words **danger, warning or caution**. These terms are defined as follows:

- **DANGER:** This indicates an immediate hazardous situation that, if not avoided, will result in death or serious injury. The colour associated with Danger is RED.

- **WARNING:** This indicates a potentially hazardous situation that, if not avoided, could result in death or serious injury. The colour associated with Warning is ORANGE.

- **CAUTION:** This 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 colour associated with Caution is YELLOW.

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WARNING

OPERATING THIS MACHINE INCORRECTLY CAN LEAD TO INJURY OR DEATH. MAKE SURE THAT EACH DRIVER HAS MET THE FOLLOWING REQUIREMENTS BEFORE USING THIS MACHINE :

- He must have been instructed in the safe, correct use of the machine.
- He must have read and understood the manual (manuals) referring to the machine.
- He must have read and understood ALL safety labels on the machine.
- He has turned away all persons from the working area.
- He must have studied and practiced the safe usage of the machines control elements in a safe and open training field before using this machine in the working environment.

It is your responsibility to pay attention to the relevant laws and guidelines and the notes of Case Steyr Company concerning working with this machine and its subsequent servicing.

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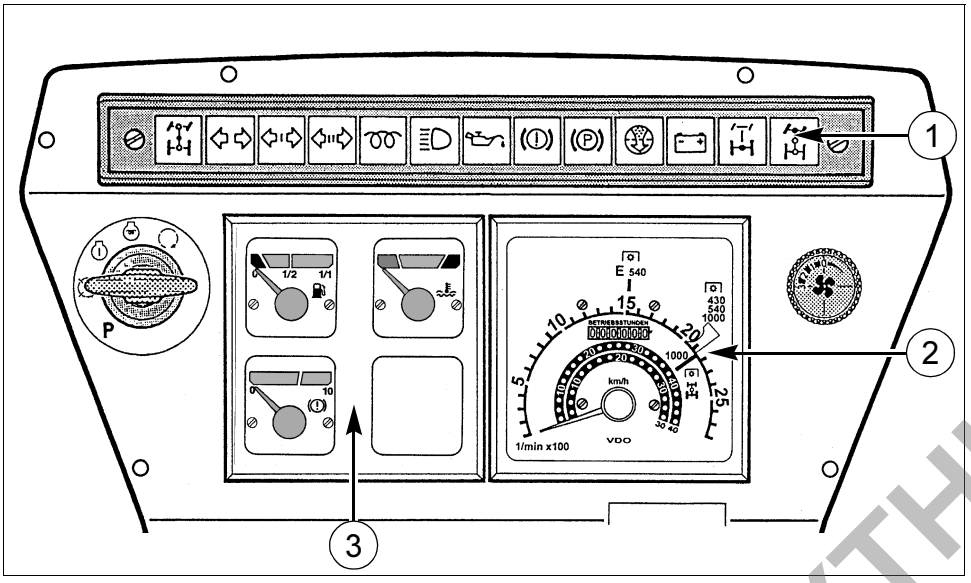
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INSTRUMENT PANEL



SS97K047

1. CONTROL LAMPS – These light up to show the driver that an operational condition requires his/her attention or that the pre-selected function is in operation. For details and complete instructions see under indicator lamps on page 24 of this manual.

2. ANALOGUE TRACTOR METER – (Digital tractor meter, optional extra)

3. COMBINATION INSTRUMENT – Consists of fuel gauge, cooling water temperature gauge and if fitted an air brake system reservoir pressure gauge.

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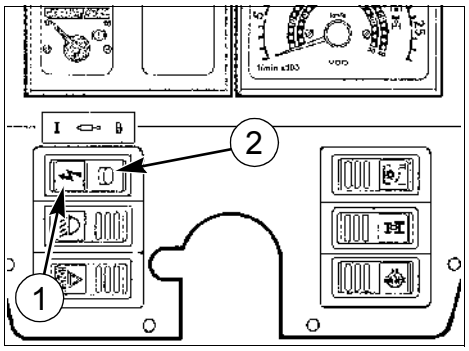
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SAFETY SWITCH



SS99A091

To switch the power supply to all electrical control units ON and OFF.

To switch the power supply ON, press the symbol side of the switch (1). Also press the locking button (2) in the direction of the symbol.

IMPORTANT: *Switched OFF = Protection against accidental operation (accident hazard!)*

STARTING PROCEDURE

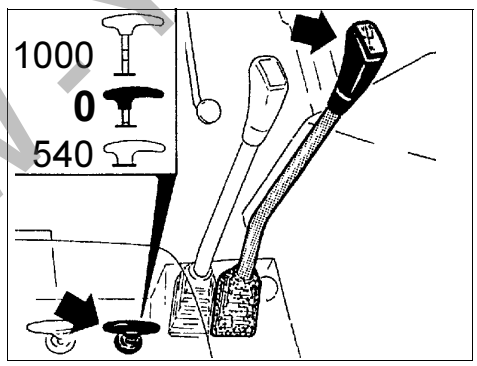
WARNING: *Operate the controls from the driving seat only.* M137A

IMPORTANT: *Let the engine idle for a few minutes to make sure that enough oil can get to the turbo charger bearings and other engine parts before operating the engine at nominal speed.*

STEP 1

Apply the parking brake.

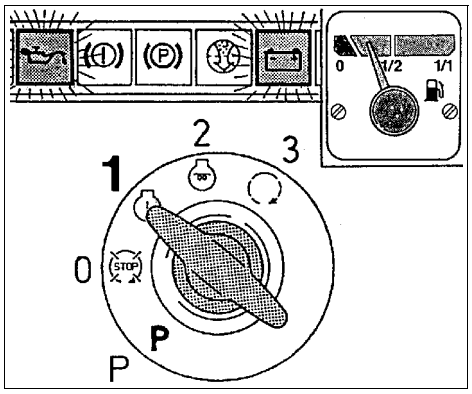
STEP 2



SS97H397

Shift the gear lever to the neutral position or disengage the PTO shaft.

STEP 3



SS97H139

Turn the ignition switch to position I. Charging and Oil Pressure indicator lamps light up. Fuel reserve can be read off the combination instrument.

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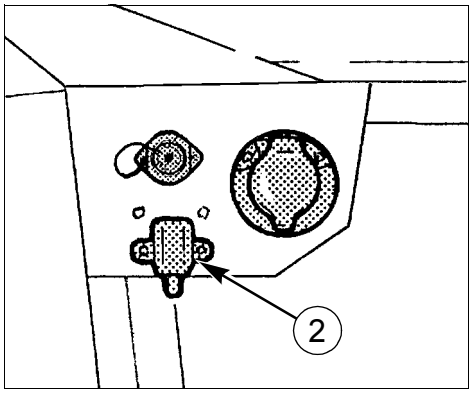
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Three pole power socket (If fitted)

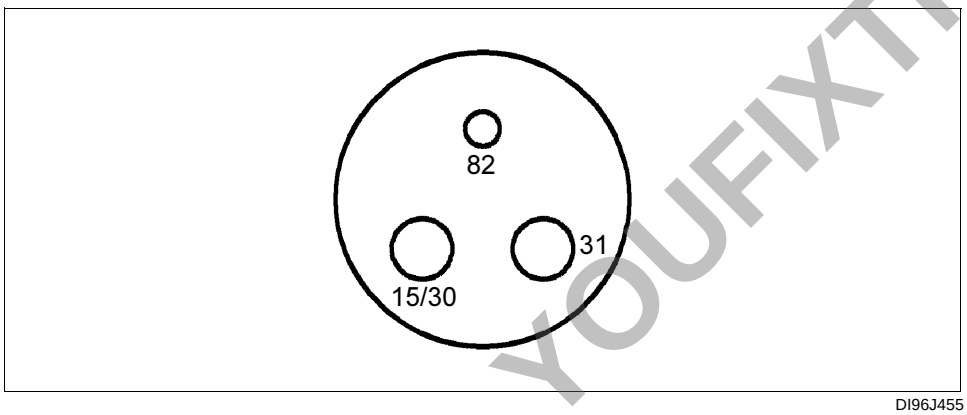


SS97M129

The power socket (2) 40A (DIN 9680) serves as a power supply for trailers or attached implements with controls.

The socket has a ground terminal (31) and two 12 volt positive terminals. One positive terminal is switched on by the ignition (82) and the other delivers a constant current (15/30).

Arrangement of the connection terminals and fuse protection



DI96J455

15/30 .... Continuous +12 V ..... Fuse F12 ..... 40 Amperes
82 ..... switched +12 V ..... Fuse F8 ..... 15 Amperes
(Ignition ON)
31 ..... Ground

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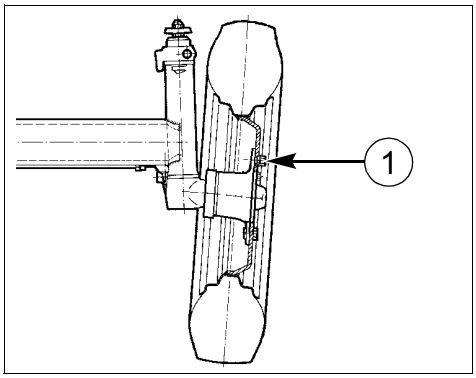
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Tightening torques for front wheel securing bolts and nuts

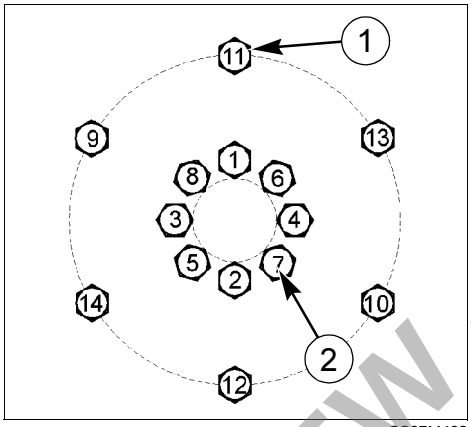
Rear wheel drive tractor



SS97M402

Tighten the wheel to hub securing bolts (1) to a torque of 130 Nm.

4-wheel drive tractor



SS97M403

1. Tighten theSECURING NUTS (1) for joining the WHEEL/RIM to 280 (+ or -30) Nm in the given, numbered sequence. The wheel must lay evenly on the rim pads when assembling.

1. Tighten the SECURING NUTS (2) for joining the WHEEL-HUB to 270 Nm in the given, numbered sequence.

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TRACTOR BALLAST

Ballast adjustment to suit the tractor

Match the equipment to the tractor so that it can be driven at the most favourable speed. Too much heavy ballast or loads will reduce tyre life, waste fuel and often reduces performance.

- If additional ballast is not necessary when hauling heavy loads, remove it.
- Drive a little faster during light traction work in order to increase efficiency and to speed up the work. Do not overload the tractor when hauling heavy loads.

The following can occur when the tractor is overloaded:

A. Decreased output available to the equipment and therefore a reduction of performance.

B. An increase in fuel consumption.

C. A decreased service life.

D. The ground will be compacted.

E. Too high a force in the drive train shortens the service life of the transmission and leads to high operating costs.

The power available at the three-point linkage or towbar is most important when carrying out field work. If too much power is required, in order to move an overloaded tractor, the power available to pull the implement will be reduced.

IMPORTANT: *The all-up weight of the tractor including all accessories and ballast weights, must never exceed the permitted all-up weight and the front axle must be loaded to 20 % in order to maintain a steering capability. See the section on WEIGHT on page 206 of this manual. The tyre load capacities and possible existing legal regulations must be adhered to.*

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ENGINE HOOD

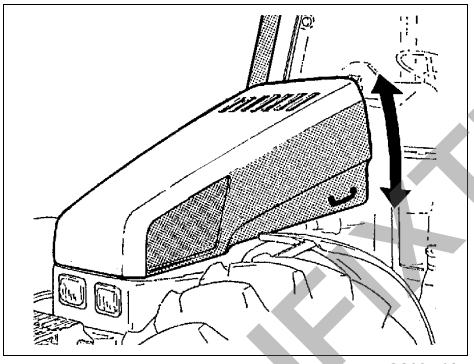
The engine hood must be tilted up in order to perform maintenance work on the cooling and fuel systems.

Opening the bonnet

STEP 1

Put the tractor on solid, level ground and apply the parking brake.

STEP 2



SS98M034

Unlock the bonnet, raise it up and tilt it forward.

A gas-pressure spring holds the engine hood open and closed. No locks!

IMPORTANT: *Do not carry out maintenance work with the engine running!*

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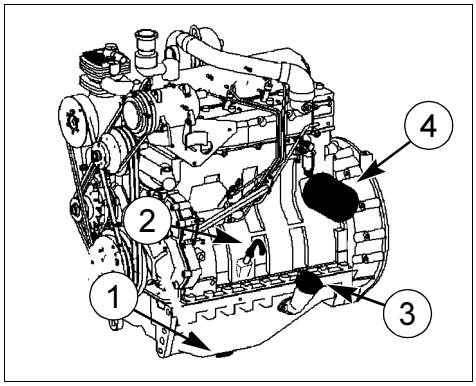
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ENGINE MAINTENANCE

Maintenance points



SS98M061

1 = Drain plug

2 = Oil dip stick

3 = Oil filler aperture

4 = Engine oil filter

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Engine oil and filter change

To check the engine oil level, park the tractor on level ground and switch the engine OFF.

NOTE: *Drain the engine oil only when engine is warm.*

WARNING: *Avoid contact with hot oil. Do not change the filter while it is hot since you can burn the skin on your hands. Wait until the temperature drops below 50 °C .* M528

IMPORTANT: *Dispose of old oil and filters in compliance with local regulations. Do not drain old oil onto the ground or into drains. Do not drain old oil into leaking containers. Be aware of environmental protection.*

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Instrument panel indication lamps

STEP 1



SD98A060

Remove the steering column switch. Remove the ten instrument panel securing screws.

STEP 2



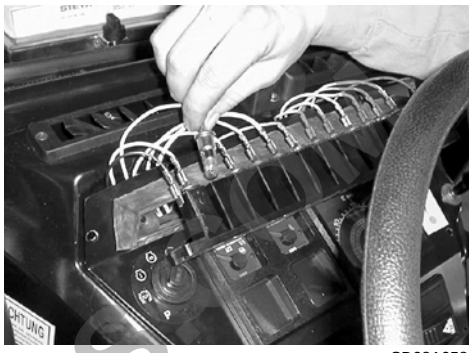
SD98A059

Remove the two indicator lamp unit securing screws. Hold the rear nut with one hand.

STEP 3

Remove the instrument panel, but DO NOT DISCONNECT THE CABLE HARNESS.

STEP 4



SD98A058

Pull the lamp fitting out straight.

Push the bulb in, turn in an anti-clockwise direction and remove from the fitting.

STEP 5

Push the new lamp into the socket and turn in a clockwise direction.

Fit the indicator lamp panel using the two screws.

STEP 6

Re-fit the instrument panel and the ten securing screws. and secure the steering column switch.

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