Quantum 65C
Quantum 75C
Quantum 85C
Quantum 95C

Operator's Manual

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CASE IH AGRICULTURE

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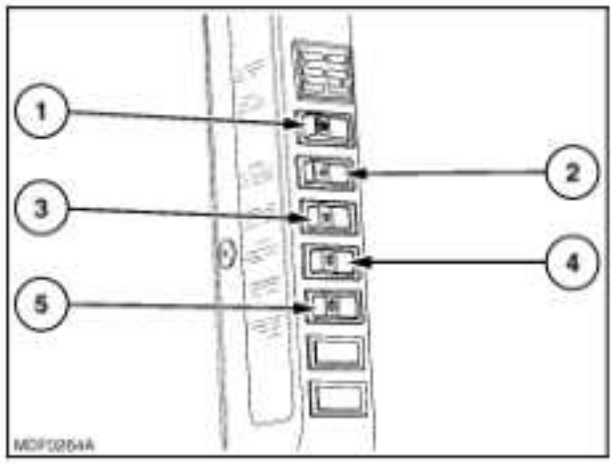
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NOTE: *All controls are operational when the starter key is in position (B), page 3-3. The operating positions are shown in fig. 59.*



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ROTATING BEACON SWITCH (1)

The switch has two positions:

- Position **D** = rotating beacon ON.
- Position **E** = beacon OFF.

WORK LIGHTS SWITCH (2)

The switch has three positions:

- Position **A** = work lights OFF.
- Position **B** = rear lights ON, front lights OFF.
- Position **C** = front and rear lights ON.

FRONT SCREEN WIPER SWITCH (3)

The switch has three positions:

- Position **A** = off.
- Position **B** = speed 1.
- Position **C** = speed 2.

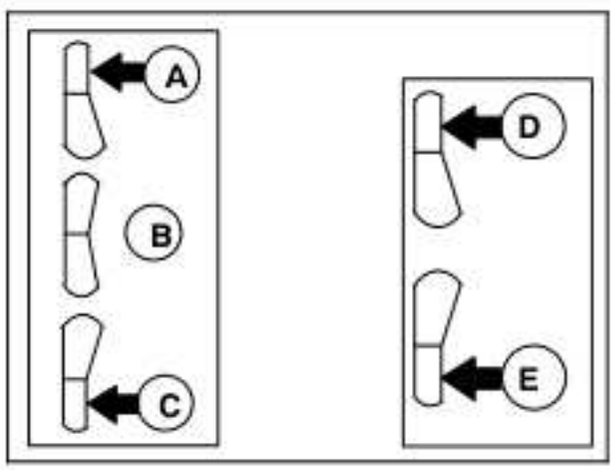
FRONT WINDSCREEN WASHER SWITCH (4)

To start the washer, press switch (**2**).
When released, the switch will automatically return to the neutral position.

REAR WINDSCREEN WASHER/WIPER (5)

The switch has three positions:

- Position **A** OFF.
- Position **B** = wiper ON.
- Position **C** = wipers and washers ON, when released the switch will automatically return to position **B**.



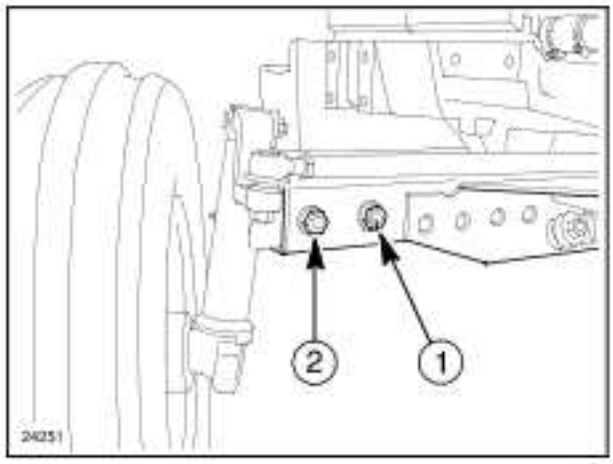
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2WD FRONT WHEEL TRACK ADJUSTMENT (models 65C, 75C and 85C)

To adjust the front wheel track, proceed as follows:

- *raise the front of the tractor using a jack positioned at the centre of the axle;*
- *release the sliding ends by loosening the two retention screws (**1**) and (**2**) fig. 78 on each side (tightening torque 220 Nm - 22.5 kgm);*
- *adjust the length of the steering struts connected to the two wheels by loosening the fixing screws (**1**) fig. 79 (tightening torque 39 Nm - 4 kgm);*
- *five possible wheel tracks are provided, as shown on page 3-43, fig. 80.*



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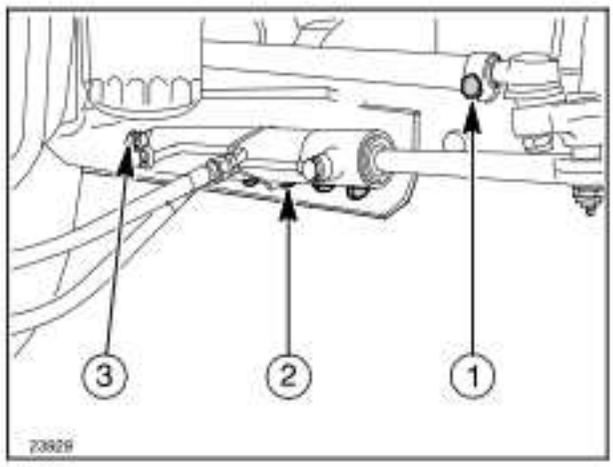
A larger track (maximum track) can be obtained by reversing the wheels on their hubs.

Only use the maximum track when absolutely necessary.

The tightening torque of the wheel-hub locknuts is 115 Nm (11.7 kgm).

IMPORTANT: *As the tractor is fitted with hydrostatic steering, proceed as described above for the left-hand wheel. For the right-hand wheel, after having released the sliding end of the axle, the internal angle of the hydraulic cylinder must be suitably adjusted. Proceed as follows:*

- *loosen the cylinder hose connectors;*
- *make sure the screw (**1**) fig. 79 remains loosened;*
- *insert the angle adjuster pin (**3**) fig. 79 in one of the four corresponding holes (**2**) fig. 79;*
- *tighten the nut on the pin (**3**) fig. 79 (tightening torque 294 Nm - 30 kgm);*
- *tighten the screw (**1**) fig. 79 (tightening torque 39 Nm - 4 kgm);*
- *make sure that the hoses are not twisted and tighten the connectors.*



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EVERY 500/600 HOURS OF WORK

OPERATION 47.

ENGINE

IMPORTANT: *Operation 47. describes the process of draining oil from the engine sump and changing the relevant oil filter. The frequency of 600 hours can anyhow be affected by other factors:*

Cold temperature operation

Engines operating in temperatures below -53.6 °F (-12 °C) or in arduous conditions should have the oil changed every 300 hours of operation. The filter must be changed regularly as prescribed after 600 hours.

Diesel fuel sulphur content

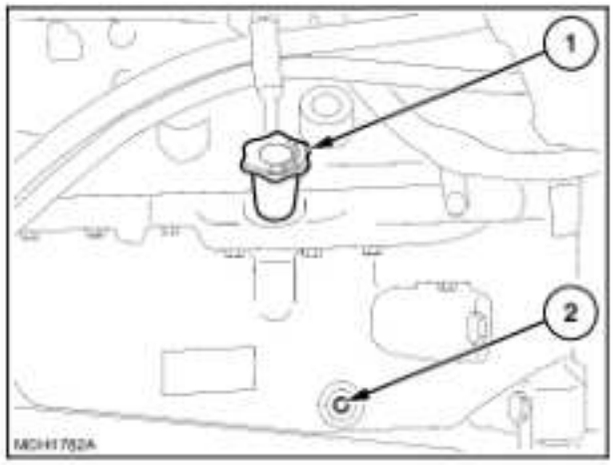
In some countries, locally available diesel may have a high sulphur content, in which case the oil and filter should be changed sooner, as follows:

- sulphur content between 0.5% ÷ 1.0%
  - change oil every 300 hours;
- sulphur content between 1.0% ÷ 1.3%
  - change oil every 150 hours.

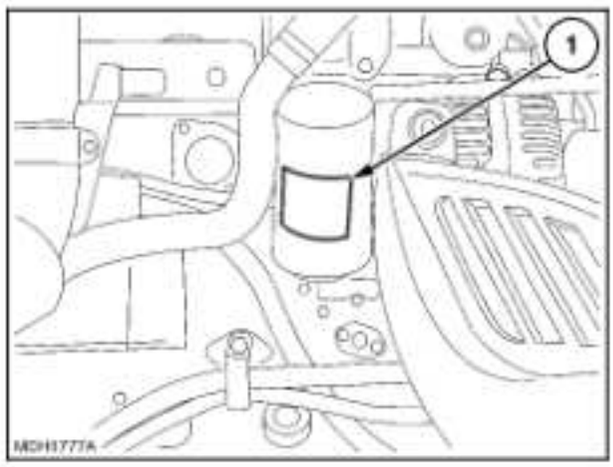
If in doubt, or if it is not possible to check the instructions given, keep to the interval recommended in the **Operator's Manual**.

Drain oil and renew filter

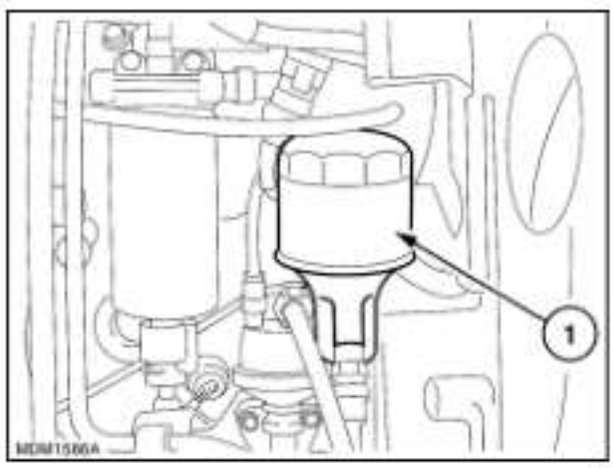
- place a container under the engine sump;
- remove the drain plugs (**2**) from the sump (one on each side) and drain off the oil;
- screw the plugs back on;
- unscrew the filter (**1**) figure 61, drain it of the remaining oil and discard it as required by the current regulations in your country;
- clean the surface of the filter seat;
- lightly oil the seal of the new filter, screw it down into contact with the support and tighten it by hand by $^{3}/_{4}$ of a turn, or a full turn at most;
- fill up with new oil through the fill point (**1**) figure 60;
- start the engine, leave it idling for at least 3 minutes; switch it off and check that the oil level is between the MIN and MAX marks on the dipstick. If necessary, top up with oil.
- **Figure 61 oil filter models 85C and 95C**
- **Figure 62 oil filter models 65C and 75C**



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