OMTD40C98/1E

OPERATOR'S MANUAL

TD-40C

SERIAL NUMBERS
1501 AND UP



DRESSTA Co. Ltd.

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OPERATING

CONTROLS AND ADJUSTMENT

RIPPER CONTROL LEVER

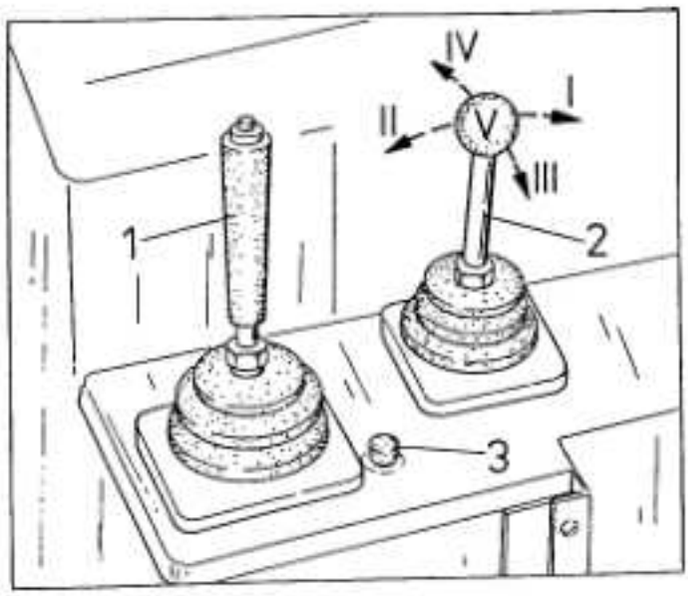


Fig. 4.14. Ripper Control Lever (2)

1. Blade Control Lever
2. Ripper Control Lever
3. Horn Button

I - Ripper Pitch Forward
II - Ripper Pitch Aft
III - Ripper Raise
IV - Ripper Lower
V - Hold

NOTE: *For proper control of ripper control lever and observation of working tool swivel the operator seat 15° to the right.*

4.7. STARTING THE ENGINE

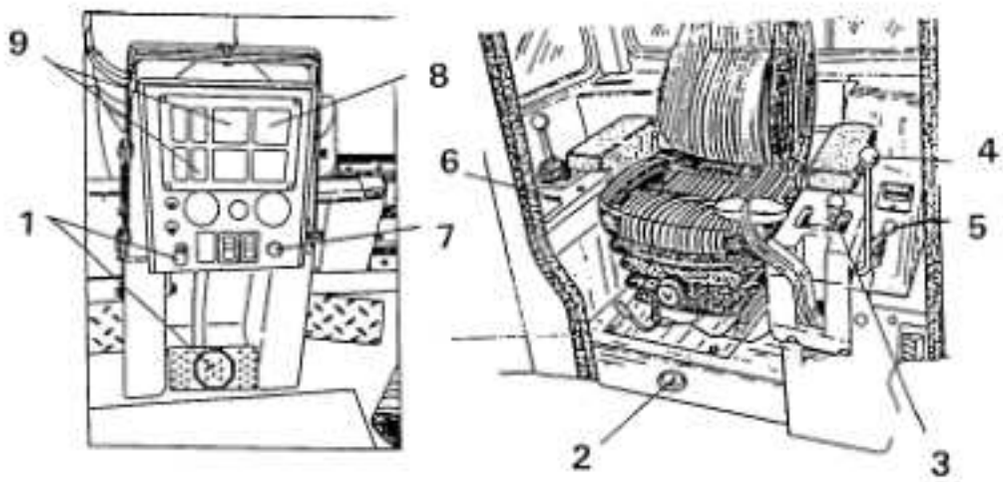


Fig. 4.15. Starting the Engine

1. Brake and Decelerator Pedal and Brake Lock Knob
2. Electrical System Master Switch
3. Transmission Shift Lever
4. Transmission Neutral Lock Lever
5. Engine Speed and Shut Down Lever
6. Horn
7. Start Switch Button-Starting Switch (for QSK-19 engine only)
8. Engine Oil Pressure gauge
9. Engine Coolant Gauge and Light

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MAINTENANCE

5.18. TRANSMISSION SYSTEM

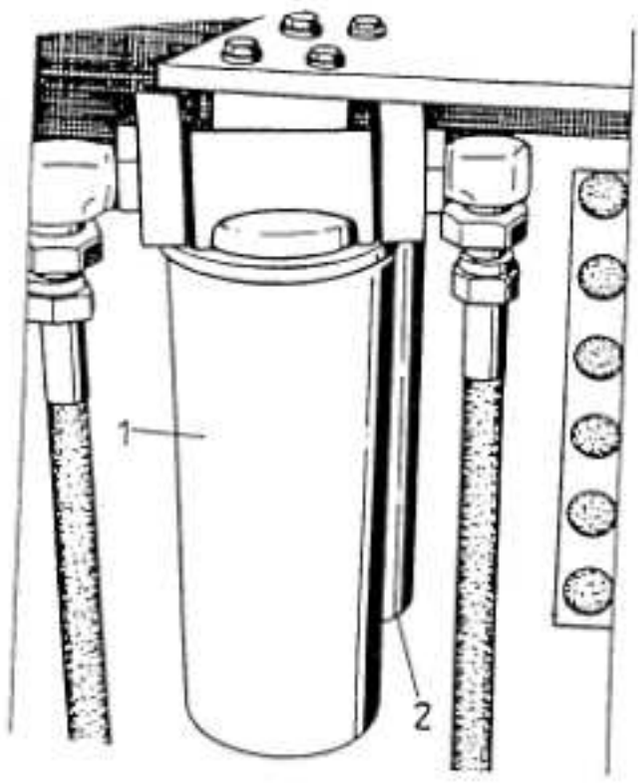


Fig. 5.46. Transmission Pressure Filters

1. "M" Main Pressure Filter
2. Torque Converter Pressure Filter

2. Coat the seals on the new filters with clean oil. Install the filter by threading it onto the filter base until the seal contacts the base, turn the filter by hand an additional 1/4 to 1/2 turn. Start the engine and let it idle for approximately 5 minutes. During this time operate the steering levers several times, check filters for leaks and remove leaks if any.
3. Check oil level in the transmission system.



Fig. 5.47. Transmission Pressure Filter

1. Filter Seal 2. Filter Element 3. Filter Base

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5.19. UNDERCARRIAGE

Lubricate equalizer bar pivot pin every 500 hours of operation or earlier if necessary. Lubrication line fitting is remotely located in upper part of front mainframe as shown in the drawing. Periodically check the condition of wear pads that support equalizer bar ends in track frame rebound brackets.
Replace pads if any cracks are found.

5.19.8. FRONT WHEEL

Check the thickness of front wheel guides. If they are weared (min. thickness is 27 mm) cut off them and weld new.

5.20. ADJUSTING HAND AND FOOT CONTROLS

Check engine high and deceleration RPM. If RPM values are incorrect proceed as follows:

Check adjustment of hand levers and foot pedals per below given drawing.

a) Adjust lever "4" to vertical position of the lever for high idle speed (2305 RPM) During the adjustment the lever "1" must be placed in its foremost position.
b) Adjust lever "2" to maintain the dimension 202 mm and 9 mm.
c) Adjust foot pedal "3" to maintain the dimensions in mm (Refer to Fig. 5.57):

I - Engine high speed position (2305 RPM)
II - End of deceleration (1200 ± 100 RPM)
III - Beginning of braking
IV - Full brake

After adjustment made lubricate linkage and fill bearings with grease thru lubrication fittings (refer to "LUBRCATION FITTINGS") and check if the machine is stopped with applied Decelerator–Brake pedal (refer to 3.3. for brake operation principle). Perform brake test as follows:

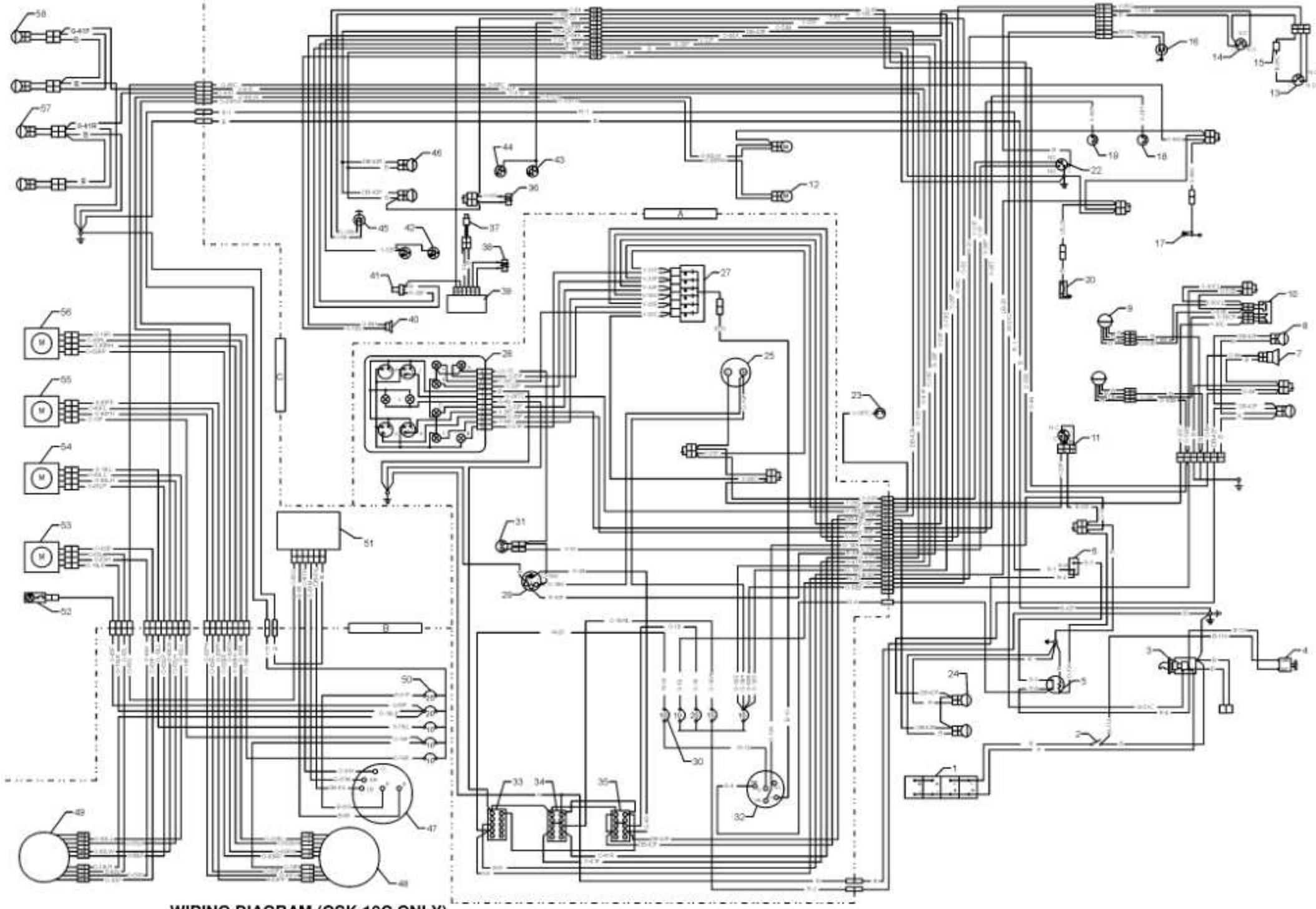
- start the engine and bring transmission system to operating temperature
- shift to 2nd speed with engine at top speed and brake the machine for a while

With correct adjustment made the machine should stop. If in doubt contact Authorized Distributor of Construction Equipment. Periodically lubricate plate-to-plunger contact area of blade and ripper pilot valves.

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SPECIFICATIONS

6.6. WIRING DIAGRAM



WIRING DIAGRAM (QSK-19C ONLY)

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