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Liugong CLG766A, CLG777A Backhoe Loader Service Manual - instrukcje napraw, schematy instalacji

Cena

250,00 zł

Opis produktu

Serwisowe instrukcje napraw, schematy instalacji - LiuGong CLG766A / 777A

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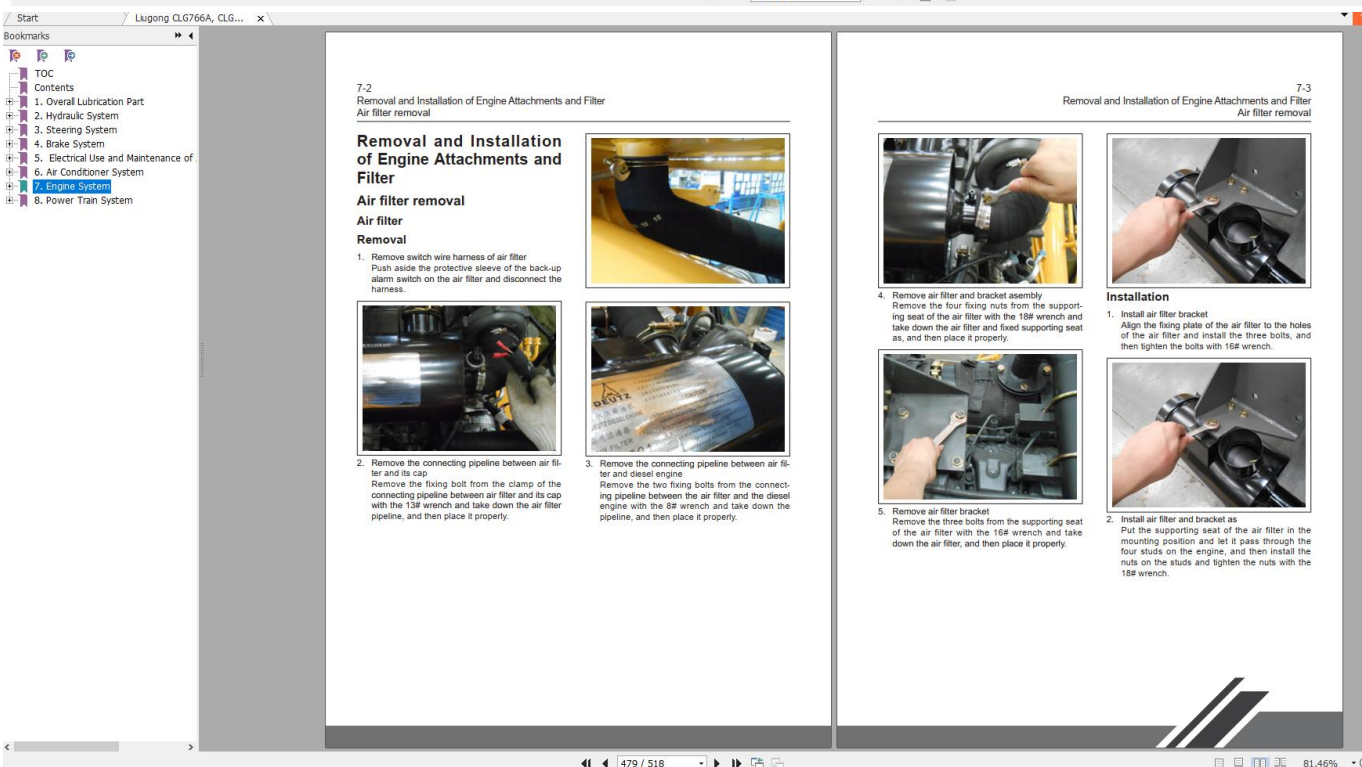
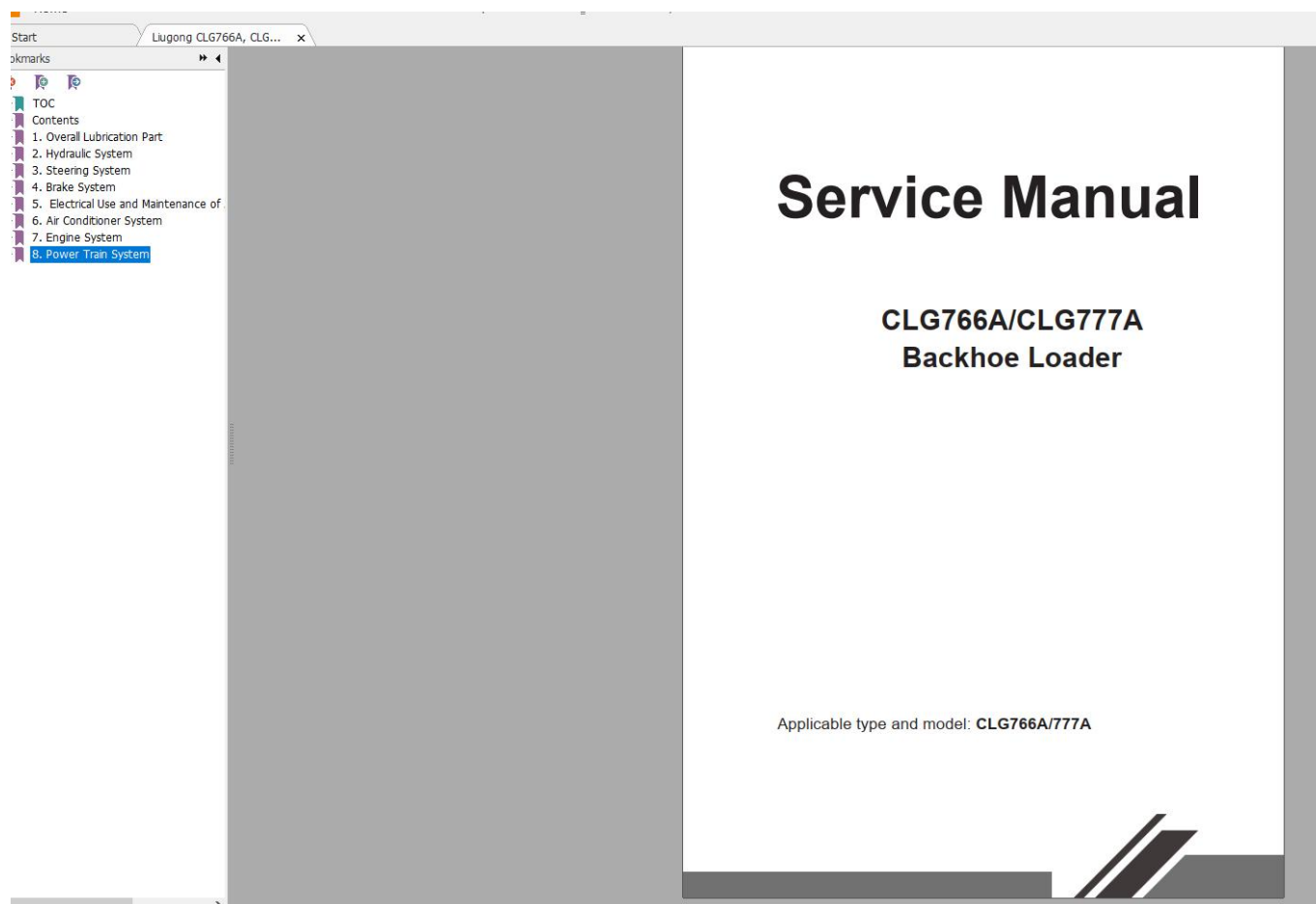
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Type of machine: Backhoe Loader / koparko ładowarka

Type of document: Service Manual - instrukcje napraw ze schematami instalacji

Model: Liugong CLG766A Service Manual, Liugong CLG777A Service Manual - instrukcje serwisowe + schematy

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4-9 Hydraulic Service Brake System Hydraulic operation

Hydraulic operation

Some of the following pictures may not show exactly your braking system, but the form is the same.

The main wcomponents of the driving braking system are the Gearbox 1; rear axle (wbrake clutch connectors) 2; hoses 3,4,5; assistor 6;and the pedals 7,8.

When step the pedals 7,8,the brake oil from the gearbox 1 will go to the clutch which are in the rear axle 2,realize the brake.

When step the pedals 7,8,the booster oil from the gearbox pump push the pistons which in the assistor 6,the pressure can help the handlers feel easily.

When release the pedals 7,8,the pistons will go back because of the springs in the assistor 1.

The system can realize the one sides brake if you step the pedal 7 or 8 see the section"compensation pressure balance valve"

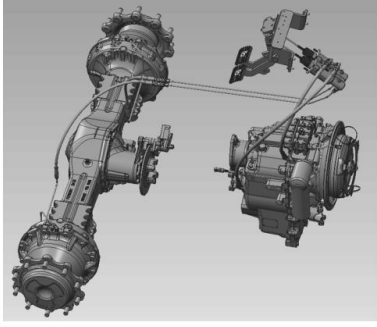


Fig. 2.5

4-9 Hydraulic Service Brake System Hydraulic operation

Driving braking-disassembly and replacement

Warning

Before you disassemble,remember you have to proceed the following steps:

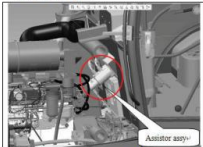
1. Park the machine on level ground,and engage the parking brake.
2. set the gearbox to neutral.
3. Lower the attachments to the ground.
4. Stop the engine and remove the starter key.
5. Make sure the engine cannot be started while the hoses are open,so,To cut off the power of the battery, to prevent the engine being started while you are beneath the machine.
6. Chock all four wheels to prevent unexpected move of the machine.

Danger

Hydraulic Pressure
Hydraulic fluid at system pressure can injure you. Before disconnecting or connecting hydraulic hoses, stop the engine and operate the controls to release pressure trapped in the hoses. Next is the detailed steps

Removal:

7. Opening the engine cover,confirm the position of the assistor assembly.



(the internal of the cab) Fig. 2.6

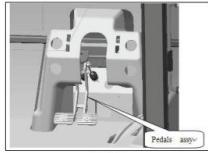


Fig. 2.7 Pedals assy

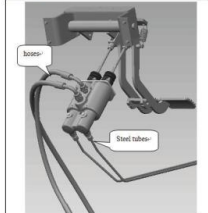


Fig. 2.8

8. Disconnect all hydraulic hoses ,steel tubes and connectors from the assistor as shown at following picture. Label the hoses to ensure correct refitting.

9. Disconnect the springs

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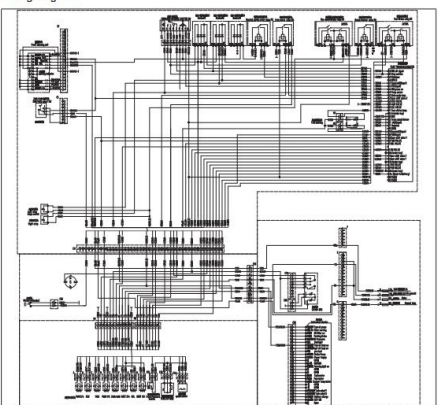
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5-35 III. Description and Troubleshooting of the Electrical System 3.9 Gearbox controller (automatic shift)

Wiring diagram



Troubleshooting

Fault: problems in the circuit or wiring caused by poor contact, insulation damage, earthing, or short. When the sensor is damaged or bad contact, it will generate a fault.

Warning: when working in an abnormal gearbox conditions, that is, gearbox oil temperature is too high, wrong operation, and so on.

When a fault or a warning is generated, in order to protect the safety of the operator, this event will be processed by the controller, but will allow the machine to travel as much as possible (lame home mode). If a failure occurred is very dangerous, in order to protect the gearbox, the controller will cut off all the power output (in the neutral position).

5-36 3.9 Gearbox controller (automatic shift)

Troubleshooting methods:

Neutral position: All controller outputs are cut off and the machine and gearbox can not be driven

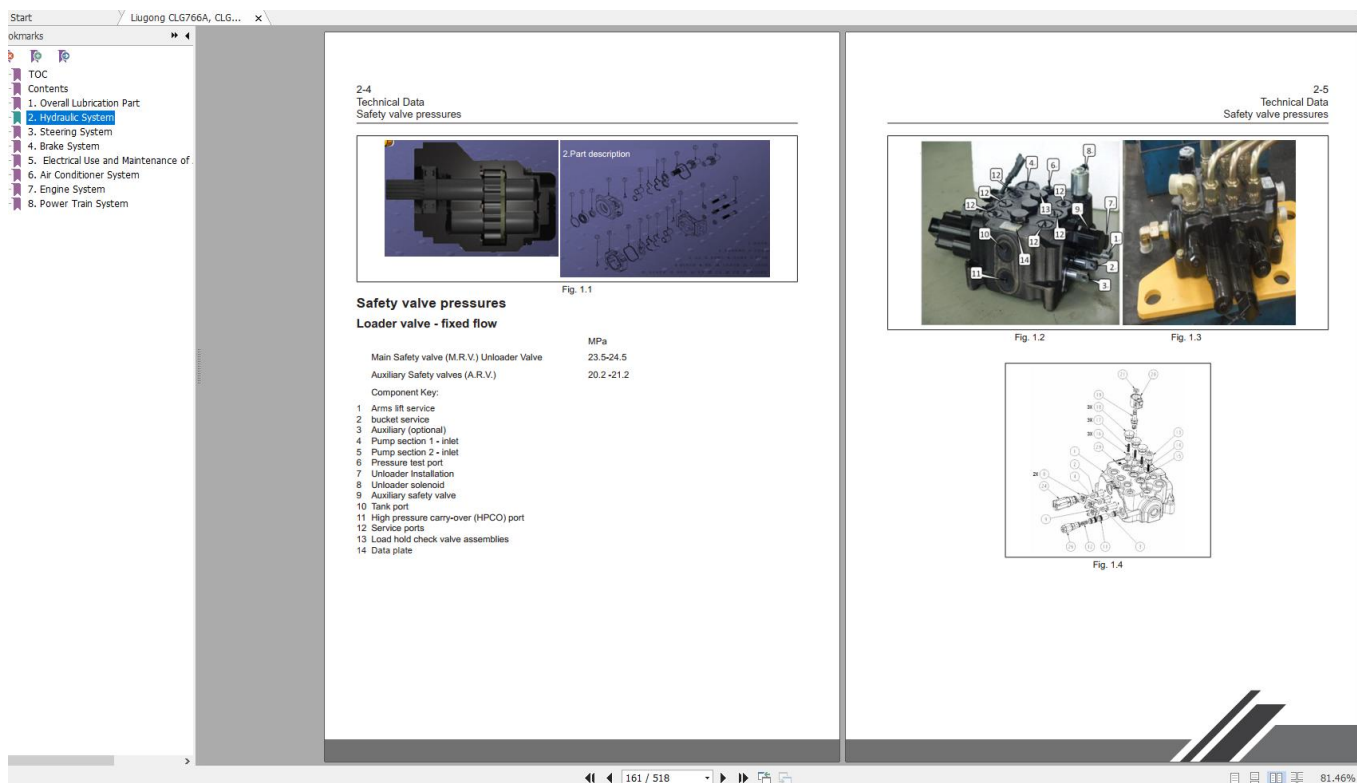
Lame home mode 1: You can select forward and back, but can not adjust, allow only 1st gear

Lame home mode 2: you can select forward and back, but can not adjust, allow only 2nd gear

Error/fault code is a numeric code (called DTC, Diagnostic Trouble Code), the code is composed of two digits (in addition to 2, no error). The first number is shown as a long pulse, the second number is a short pulse. That is, if you see four long and two short flashes, then this error code is 42, the current highest priority code will continue to flash.

Handling method

1. Gearbox function is failure, check the fuse; check contacts of the gearbox controller connector are good;
2. Gearbox of a functional failure or working conditions do not meet the operational logic, the display switches from a fault at the fault code read by the action items in the fault code table to determine the failure mode, according to the failure mode, determine the point of failure in the wiring diagrams to troubleshoot.



Poszukujesz instrukcji, katalogu części, DTR, schematów instalacji do innego modelu?

Napisz lub zadzwoń do nas:

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