

CLARK

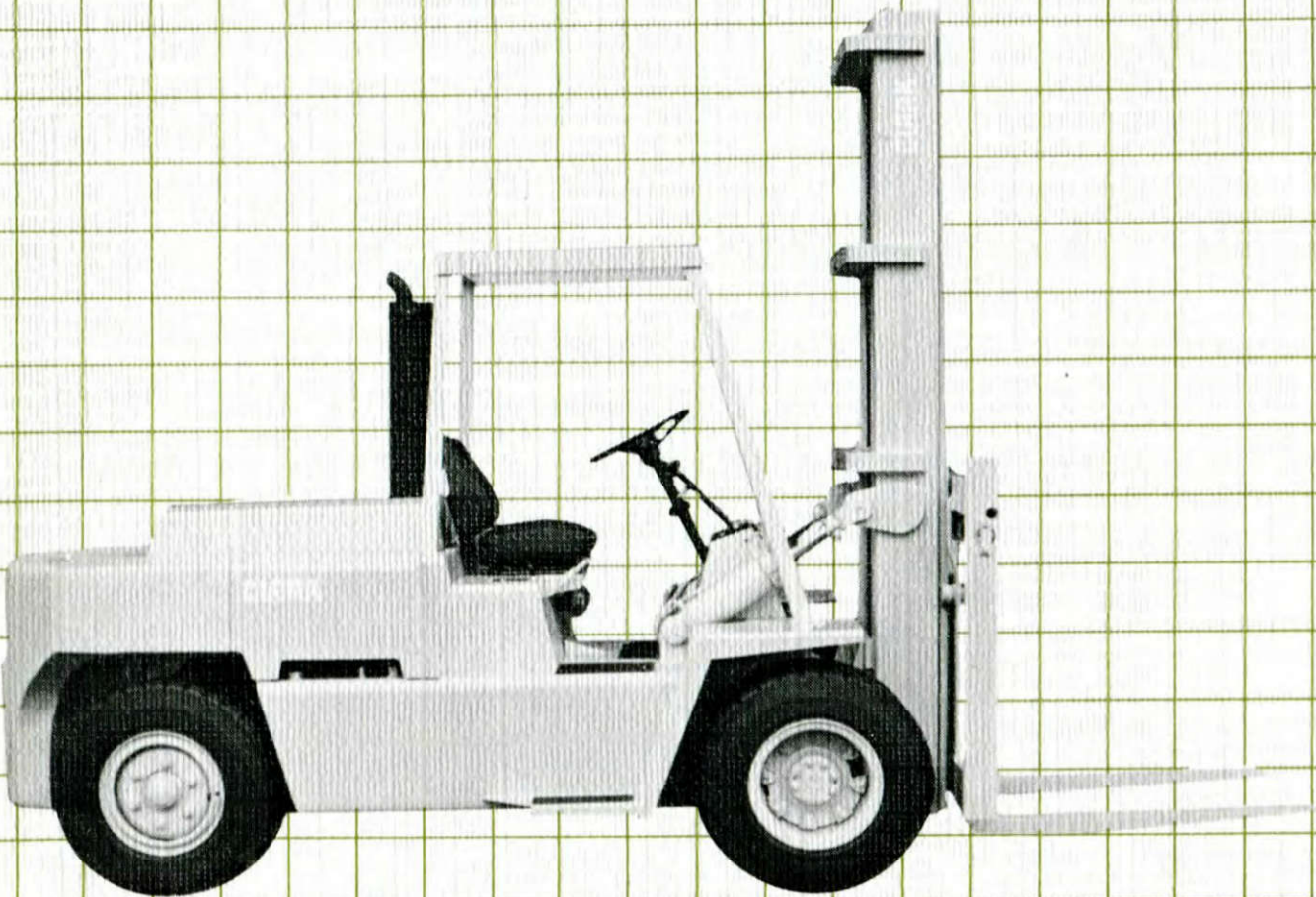
Operator's Instruction Manual

FORK-LIFT C 500 Y 110/135/155 D

GAS AND LPG

NOMINAL CAPACITY:

5,000/6,000/7,000 Kg.



01-534

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Discription of Components

prevent binding of the carriage in the event of off center load transfer. The fork spread is adjustable.

Brakes

C 500 Y 110/155D have a service brake system and a parking brake. The service brake is hydraulically activated and is assisted by a hydrovac. This is a drum brake system and is located on the front driving wheels. The Forklift has two brake pedals which ope-

rate the service brake system. It can therefore be operated with either the left foot or the right foot. The left pedal declutches the transmission so that the engine can be accelerated in order to operate the hydraulic system faster. The brake system will operate with the engine not running. The parking brake is a drum type and is located outside the transmission housing. It is activated mechanically by means of a steel cable connected to a hand brake lever.



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Safety



Fork-lift trucks may only be parked at specially reserved parks. The forks are to be let down, the upright inclined forwards, the parking brake applied, the direction lever placed in neutral position, and the ignition key withdrawn. LPG-operated fork-lift trucks may not be parked in the immediate vicinity of heating bodies. The shut-off valve on their liquefied gas tank must also be closed.



Fork-lift trucks may only be refueled at specially reserved locations. Switch off the engine when refueling. Smoking and handling of naked flames during refuelling are strictly prohibited. This prohibition also of course applies to replacement of the liquefied gas tank. Mop up spilt fuel and do not forget to close the fuel tank before restarting the engine.



Maintenance and servicing should only be performed by specially trained personnel according to an established schedule.

Before starting the Engine

At the beginning of every working day, you should check your Fork-Lift's Maintenance and Lubrication Chart. We also recommend you to use the daily check-list. This list draws advance attention to any problem, which can then be quickly eliminated without further cost or downtime.

Check your Fork-Lift for obvious defects or malfunctions.

Put this information on the daily check-list.

CLARK EQUIPMENT GAS, LPG OR DIESEL TRUCK DRIVER'S DAILY CHECKLIST

Truck No. _____ Date _____
Operator _____ Supervisor's O.R. _____

Hour meter reading _____
Start of Day _____ End of Day _____ Mts. for Day _____

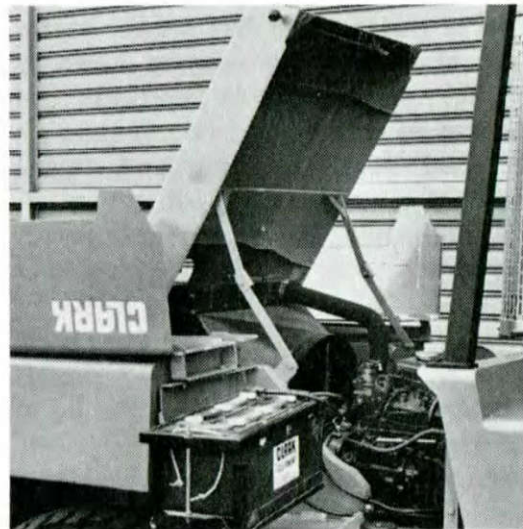
Visual Checks

Visual Checks	Operator's Signature
Engine oil level	
Hydraulic oil level	
Fuel level	
Electrical storage and fuses	
Tire condition	
Wind and wiper blades	
Warning lights	
Clear vision	
Other defects and observations	

Remarks: _____

Checking Procedure

The side panels of the engine compartment are attached to the rear part of the machine by means of hinges. Press the front part of the panel to release it, and tip it backward so that the panel rests against the counterweight.



Raise the engine cover and first check the oil level. Check the engine compartment for obvious defects. Check that all the hydraulic and fuel lines are properly connected.



Maintenance

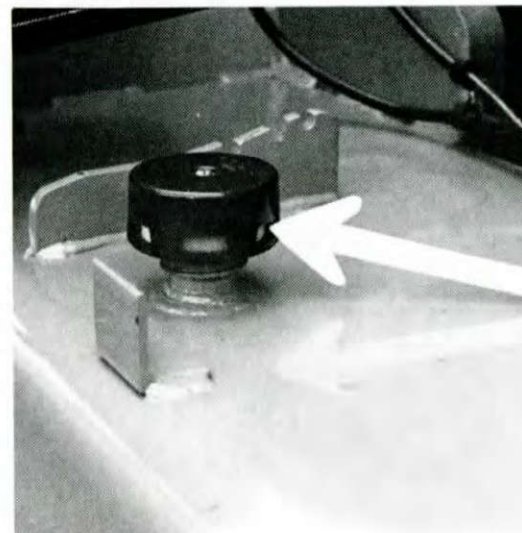
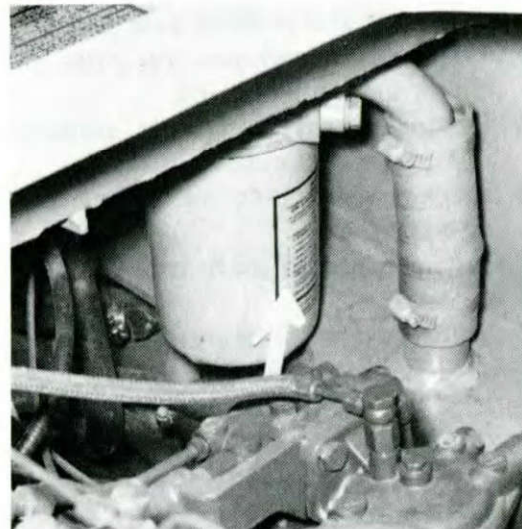
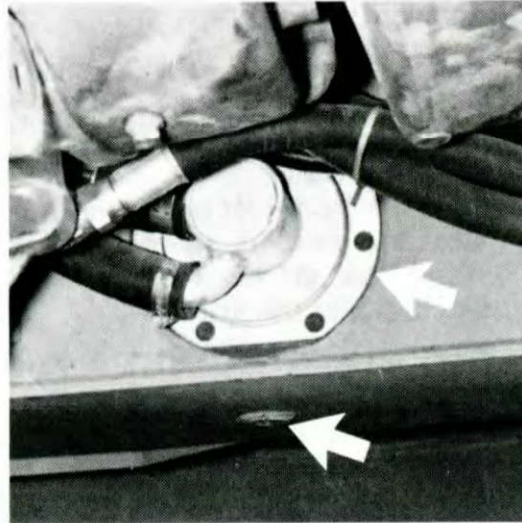
Changing the Hydraulic Oil

The hydraulic oil should be changed every 2,000 hours or once a year, whichever comes first. To change the hydraulic oil, park the Fork-Lift on a level surface. Put the upright in a vertical position and shut off the engine. Lower the forks to the ground. Place a 30 liter container under the hydraulic oil tank. Remove the drain plug and the breather filter, and drain the oil at operating temperature. With every fluid change, the breather filter on the tank cap should be cleaned or changed. Disconnect the suction filter hoses, remove the filter screws, and remove the filter unit.

Wash the screen-type filter, replace the gasket, and mount them on the tank. Reconnect the suction hoses and tighten the clamps firmly.

Loosen the bolt on the return filter cover and remove filter element. Before replace a new filter element, clean the filter cover and change the sealing ring.

Flush the hydraulic tank with 5 liters of clean hydraulic oil. Drain oil used for flushing completely. Replace drain plug and hydraulic filter. Fill tank with new hydraulic oil up to maximum level on dipstick. Use *only* Clark MS-68 hydraulic oil. Start engine and operate lifting and tilting levers several times. Check hydraulic fluid level on dipstick and add if necessary. Lastly, check drain plug, suction hoses and filter tube connections for leakage.



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