CAT® Lift Trucks

Operation & Maintenance Manual

FC/MC

GP15N	ET34L-02001-up	DP15N	ET16D-01001-up
GP18N	ET34L-42001-up	DP18N	ET16D-41001-up
GP20CN	ET34L-61001-up	DP20CN	ET16D-61001-up
GP20N	ET17DL-01001-up	DP20N	ET18C-01001-up
GP25N	ET17DL-53001-up	DP25N	ET18C-55001-up
GP30N	ET13FL-02001-up	DP30N	ET14E-04001-up
GP35N	ET13FL-51001-up	DP35N	ET14E-53001-up

Keep this manual in your lift truck as a ready reference

Original Instructions

99710-63120

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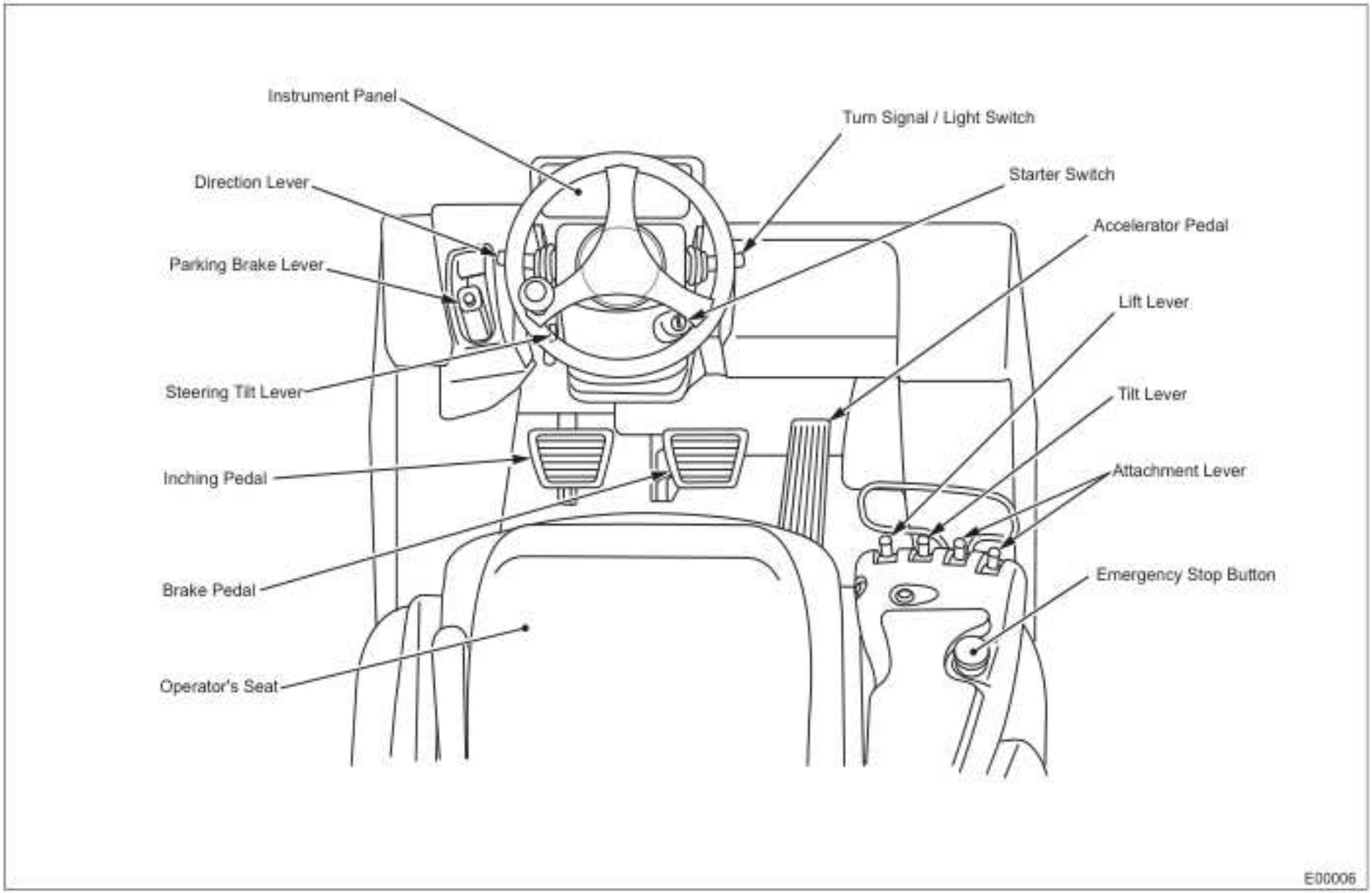
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• **FC Model**



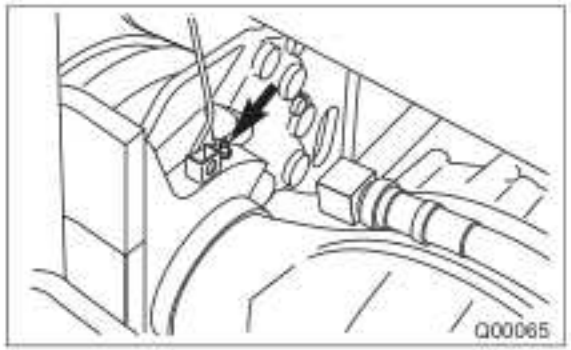
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• Mast Support

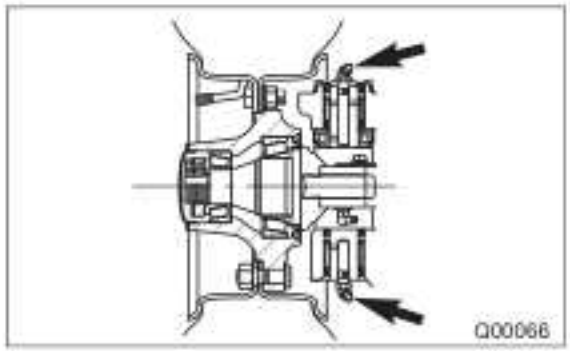
Lubricate



Lubricate 1 fitting on each side for a total of 2 fittings.

• King Pins

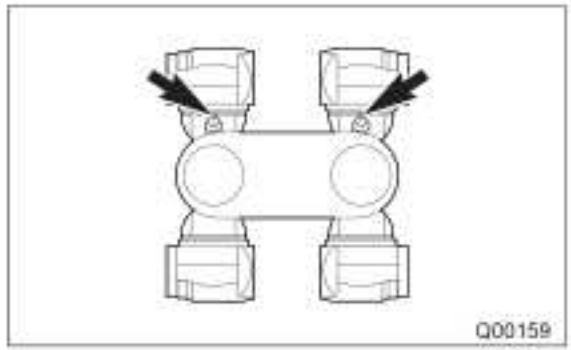
Lubricate



Lubricate 2 fittings on each side for a total of 4 fittings.

• Universal Joint

Lubricate



– Lubricate 1 fitting on each side for a total of 2 fittings.

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◆ Capacities and Lift Truck Weight (Standard Models)

Item	Lift Truck Model	GP15N	DP15N	GP18N	DP18N	GP20CN	DP20CN
Capacity, kg / 500 mm		1500		1750		2000	
Lift Truck Weight kg. (approx.)	Single Wheel	2550	2610	2730	2780	3050	3100

Item	Lift Truck Model	GP20N	DP20N	GP25N	DP25N	GP30N	DP30N	GP35N	DP35N
Capacity, kg / 500 mm		2000		2500		3000		3500	
Lift Truck Weight kg. (approx.)	Single Wheel	3340	3450	3610	3720	4250	4366	4670	4780

NOTICE:
Rated capacities shown apply to lift trucks with genuine Cat lift truck standard tires.

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WARNING



Lift truck exhaust fumes contain carbon monoxide and could kill you!
DO NOT operate the lift truck in an enclosed area, without adequate ventilation.

WARNING



DO NOT operate an unsafe lift truck!
If the lift truck has a "OUT OF SERVICE" or similar warning tag, the lift truck must not be operated until it has been restored to safe operating condition. Inspect the lift truck before you operate it.

WARNING



DO NOT remove the overhead guard!
The overhead guard is intended to offer protection from the impact of small packages, boxes, bagged material, etc., representative of the job application, but not to withstand the impact of a falling capacity load.

WARNING



Inspect the lift truck prior to operation!
At the beginning of each shift, fill out a daily inspection sheet. Defects when found must be immediately reported and corrected before operating the lift truck, or the lift truck must be taken out of service.

WARNING

DO NOT operate the lift truck if you are pregnant or have suffered an abdominal disease or injury.

WARNING



DO NOT operate the lift truck under the influence of drugs or alcohol!
Always stay healthy on the job. Operators of lift trucks must be qualified as to visual, auditory, physical, and mental ability to operate the lift truck safely.

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◆ LP-Gas Engine Equipped

⚠ WARNING

– Only trained and authorized personnel must fill or exchange LP-Gas tanks.
– Personnel engaged in filling LP-Gas tanks must wear protective equipment such as a face shield, long sleeves and gauntlet gloves.
– DO NOT refuel or store LP-Gas powered lift truck near underground entrances, elevator shafts, or other places where LP-Gas could collect in a pocket and cause an explosion.
– Inspect all LP-Gas tanks before filling, and again before reuse, for damage to the valves, liquid gauge, fittings and hand wheels.
– All defective or damaged LP-Gas tanks must be removed from service.
– The careless handling of LP-Gas tanks could result in a serious accident.
– To reduce the risk of damage to tanks, use extreme care when transporting them.

NOTICE:

– MOUNT THE TANK PROPERLY. To insure full usage of fuel, use the mounting holes located on the collar for horizontal mounting and the slot in the foot ring for vertical mounting.
– Open the valve slowly so that hose and tank pressure can equalize. Or the valve may shut off.
– For proper operation of LP-Gas system, use HD-5 LPB fuel.

⚠ WARNING

The LP-Gas tank must not extend past the counterweight and must be inside the confines of the lift truck.

⚠ WARNING

Reduce the risks of fire caused by static electricity!
Touch grounded metals with bare hand to discharge the static electricity before changing compressed LP-Gas tanks. If not, the fuel could catch fire due to the static electrical spark.

⚠ CAUTION

Be careful not to pinch fingers in the bands when fitting.

⚠ CAUTION

LP-Gas tanks can be heavy, follow the instructions below:

– DO NOT insert fingers into the straps or brackets. If this warning is not adhered to, fingers may be pinched.
– DO NOT lift LP-Gas tank with your body in an improper position. You may injure your back.
– Take care not to drop an LP-Gas tank. It may fall on your body and lead to serious injury including bone fractures.
– Wear appropriate personal protective equipment.

⚠ CAUTION

BE SURE to use the proper fuel specified on the data plate. If not, the engine could fail.

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