CAT Lift Trucks

Operation & Maintenance Manual

MC/FC

GP15N	T25C-55001-69999
GP15ZN	T34-52001-59999
GP18N	T25C-75001-79999
GP18ZN	T34-72001-79999
GP20CN	T34-22001-29999
GP20N	T17D-10001-19999
GP20ZN	T35-10001-19999
GP25N	T17D-60001-69999
GP25ZN	T35-60001-69999
GP30N	T13F-40001-49999
GP35N	T13F-60001-6999
GPE15N(MC)	T34-00001-18999
GPE15N(FC)	T34-19001-19999
GPE18N(MC)	T34-40001-48999
GPE18N(FC)	T34-49001-49999
GPE20CN(MC)	T34-30001-38999
GPE20CN(FC)	T34-39001-39999
GPE20N(MC)	T17D-20001-37999
GPE20N(FC)	T17D-38001-39999
GPE20ZN(MC)	T35-20001-37999
GPE20ZN(FC)	T35-38001-39999
GPE25N(MC)	T17D-70001-87999
GPE25N(FC)	T17D-88001-89999
GPE25ZN(MC)	T35-70001-87999
GPE25ZN(FC)	T35-88001-89999
GPE30N(MC)	T13F-10001-19999
GPE30N(FC)	T13F-20001-29999
GPE35N(MC)	T13F-80001-89999
GPE35N(FC)	T13F-90001-99999
DP15ND(MC)	T16D-54001-63999
DP15NT(MC)	T16D-54001-63999
DP15NDS(MC)	T16D-54001-63999
DP15NTS(MC)	T16D-54001-63999
DP15N(FC)	T16D-64001-69999
DP18ND(MC)	T16D-74001-83999
DP18NT(MC)	T16D-74001-83999
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DP20CNDS(MC)	T16D-24001-27999
DP20CNTS(MC)	T16D-24001-27999
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DP25NDS(MC)	T18C-70001-8999
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DP25N(FC)	T18C-80001-99999
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DP30NT(MC)	T14E-10001-19999
DP30NDS(MC)	T14E-10001-19999
DP30NTS(MC)	T14E-10001-19999
DP30N(FC)	T14E-20001-29999
DP35ND(MC)	T14E-80001-89999
DP35NT(MC)	T14E-80001-89999
DP35NDS(MC)	T14E-80001-89999
DP35NTS(MC)	T14E-80001-89999
DP35N(FC)	T14E-90001-99999

Original Instructions

Keep this manual in your lift truck as a ready reference

99710-36130

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1. SAFETY RULES FOR LIFT TRUCK OPERATORS 1-1
General 1-1
Warning Decals, Location 1-2
Decals for Dual Fuel Only 1-4
Warning Decals, Description 1-5
- No One under / on Forks 1-5
- Crush and Pinch Points 1-5
- Tipover Warnings 1-5
- With Overhead Guard Decal / Load Backrest Extension 1-6
- Operator Restraint System Decal 1-6
- Deflate Air Before Loosening Nut Decal 1-6
- Precautions for Handling E.C.U Decal 1-7
- Capacity Plate 1-7
- Backup Alarm Decal 1-7
- No Riders Warning Decal 1-8
- Survive in a Tipover Decal 1-8
- Operation Warning Decal 1-9
- Engine Coolant Decal 1-10
- Parking Brake Adjustment Decal 1-10
- Radiator Cap 1-10
- Cooling Fan 1-11
- No Contamination Permissible Decal 1-11
- Duel Fuel Instruction Decal 1-11

Safety Rules 1-12
Operating Precautions 1-22
Working Precautions 1-27
LPG 1-34

2. KNOW YOUR LIFT TRUCK 2-1
Serial Number and Capacity Plate 2-1
Electrical Components 2-2
Model View 2-3
- MC Model 2-4
- FC Model 2-4

Driving Switches and Controls 2-5
- Direction Lever (Powershift Model) 2-6
- Turn Signal / Light Switch 2-6
- Key Switch 2-7
- Steering Column Tilt Lever 2-7
- Inching Pedal 2-8

Meter Panel 2-9
- Warning and Indicator Icons 2-10
- LCD Screen 2-10
- Warning Icons and Indicators 2-11
- Basic Screen Display 2-13
- Basic Operation 2-16
- When diagnostic code is shown on display 2-20
- Optional Functions 2-21

Presence Detection System 2-26
- Mast Interlock System 2-26
- Driving Interlock System 2-27
- Driving Interlock System Functions (Powershift models only) 2-28
- Neutral System 2-28
- Neutral System Functions 2-28
- Seat Belt Warning Icon 2-29
- Seat Belt Warning Functions 2-29
- Parking Brake Warning Buzzer and Alarm Icon 2-29
- Parking Brake Warning Functions 2-30

Operating Switches and Controls (MC Model) 2-31
- Lift Lever 2-31
- Tilt Lever 2-31
- Mast Vertical Switch (Optional) 2-32
- Attachment Lever (Optional) 2-32

Operating Switches and Controls (FC Model) 2-33
- Lift Switch 2-33
- Tilt Switch 2-34
- Attachment Switch A/B (Optional) 2-34
- Selector Switch Between Forth and Fifth Attachment 2-34
- Lowering Speed Selector Switch (Optional) 2-34
- Other Controls 2-35
- Emergency Mast Stop Button 2-35
- Forward and Back Adjustment Stopper Knob 2-36
- Up and Down Adjustment Stopper Knob 2-36
- Direction Switch (Optional) 2-36

Operator Seat 2-37
- Seat Adjustment 2-37
- Forward and Back Adjustment 2-37
- Adjustment of Suspension 2-38
- Reclining Angle Adjustment 2-38
- Pocket for the Manual 2-38
- Magazine Box 2-38
- Operator Presence Switch and Buzzer 2-39

Seat Belt 2-39
Engine Hood 2-41
- Hood Latch 2-41

Hydraulic Tank Oil Level / Filler Hole 2-42
Fuel Filler 2-42
Fork Locking Pins 2-43
Replacing Forks 2-44
Drawbar Pin 2-44
Assist Grip 2-45

3. HOW TO AVOID A TIPOVER; HOW TO SURVIVE ONE 3-1
Know What Lift Truck Stability Is 3-1
Center of Gravity (CG) 3-1
Stability and Center of Gravity 3-1
Lift Truck Stability Base 3-2
Capacity (Weight and Load Center) 3-2
Capacity Plate 3-3
- For Example 3-3

Do's and Don'ts to Avoid Tipover 3-3
How to Survive in a Tipover 3-8

4. REFUELING 4-1
Gasoline and Diesel Engine Equipped 4-1
LPG Equipped 4-2
- For Standard LPG Tank 4-3
- For Optional LPG Tank 4-4

5. OPERATION 5-1
New Lift Truck Break-in 5-1
Before Starting Engine 5-1
- Starting Engine 5-2
- Gasoline / LPG Dual Fuel Type 5-3
- Instruction for Changeover of Fuel Between LPG and Gasoline 5-3
- FC Model 5-3

Starting Engine 5-4

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TABLE OF CONTENTS

- Gasoline Model 5-4
- LPG Model 5-5
- Diesel Model 5-5

Engine Won't Start 5-7
- When Engine Is "Flooded" 5-7
- When Engine Is Started after Long Idle Period 5-8

After Starting Engine 5-8
Before Moving Lift Truck 5-9
Lift Truck Operation 5-10
- Changing Speed 5-11
- Changing Direction 5-12
- Operating Techniques 5-13
- Steering (Turning) 5-13
- Inching 5-14

Stopping Lift Truck 5-15
Parking Lift Truck (After Stopping) 5-17

6. OPERATING TECHNIQUES 6-1
Stacking Methods 6-1
- Stacking Different Loads in Size 6-1
- Stacking Small Identical Loads 6-1
- Stacking Large Identical Loads 6-1

Handling Loads Safely 6-2
- Fork Spread Adjustment 6-2

Before Operating the Lift Truck 6-4
Blinking of the Mast Interlock Indicator Icon 6-5
Inching Into and Lifting the Load 6-7
Traveling with the Load 6-9
Unloading 6-11
Working on Grades 6-13
- Normal Travel Position 6-13
- Traveling on a Grade 6-13
- Stopping on a Grade 6-14
- Starting on a Grade (Engine Stalls on a Grade) 6-14

7. STORING THE LIFT TRUCK 7-1
End of Each Shift Storage 7-1
Long Term Storage 7-1
- Storage within 3 Months 7-1
- Storage Exceeding 3 Months 7-2

8. TRANSPORTATION HINTS 8-1
Lift Truck Loading and Shipping 8-1
Lift Truck Lifting and Tiedown Information 8-1

9. SPECIAL SITUATIONS 9-1
Care in Cold Weather 9-1
- Fuel Oils and Lubrication Oils 9-1
- Battery 9-1
- Engine Coolant 9-2

Care in Hot Weather 9-2
- Fuel Oils and Lubrication Oils 9-2
- Battery 9-2
- Engine Coolant 9-2

Severe Dust or Lint Conditions 9-3
- Air Cleaner Element 9-3
- Engine Oil and Engine Oil Filter 9-3
- Hydraulic Oil 9-3
- Hydraulic Tank Return Filter 9-3

10. TROUBLESHOOTING 10-1
If a Tire Blows Out 10-1
- If a Tire Blows out During Traveling or Operation 10-1

Replacing Tires 10-1
- Before Replacing Tires 10-2
- To Remove Wheel 10-3
- To Raise Front Wheel 10-4
- To Raise Rear Wheel 10-5
- To Install Wheel 10-5
- To Add Air to Tires 10-6
- Dual Tire (Optional) 10-6

Stalled Engine 10-7
- Before Starting the Engine Again 10-7

If the Engine Coolant Temperature Gauge Shows Red Zone ... 10-8
If Torque Converter Oil Temperature Warning Icon Glows (Power-shift Model) 10-9
Trouble with the LPG Equipment 10-9
Starting with Jumper Cables 10-10
If Lights Won't Glow 10-11
- How to Check Fuses and Lights 10-11

If the Lift Truck Won't Change Directions 10-13
If the Mast Stops Moving 10-14
If the Mast and Attachments Malfunction (FC Model) 10-15
Diagnostic Codes and Explanations 10-16

11. MAINTENANCE 11-1
General 11-1
Inspection Precautions 11-2
Maintenance Schedule 11-3
- Every 10 Service Hours or Daily (Pre-Start), Whichever Comes First 11-3
- Every 50 Service Hours or Weekly, Whichever Comes First 11-4
- One Month (30 days) or 200 Service Hours after Delivery of a New Truck, Whichever Comes First 11-5
- Every 200 Service Hours or Monthly, Whichever Comes First 11-6
- Every 500 Service Hours or 3 Months, Whichever Comes First 11-7
- Every 1000 Service Hours or 6 Months, Whichever Comes First 11-8
- Every 2000 Service Hours or 1 year, Whichever Comes First 11-8

Every 10 Service Hours or Daily (Pre-Start), Whichever Comes First 11-10
- Faulty Operation Found the Day Before 11-10
- Oil, Fuel or Coolant Leaks 11-10
- Fuel Cap 11-10
- Tires and Rims 11-11
- Wheel Nuts 11-12
- Tire Pressure 11-13
- Lights and Lens 11-13
- Assist Grip 11-13
- Overhead Guard 11-14
- Mast and Forks 11-14
- Load Backrest Extension 11-15
- Lift Chains 11-16
- Mast and Lift Bracket 11-17
- Lift Cylinder Mounting Bolts 11-18
- Tilt Cylinder Socket Bolts 11-18
- Lift and Tilt Cylinder 11-18
- Battery 11-19
- Engine Coolant 11-20
- Engine Oil 11-21

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- Engine Cooling Fan 11-22
- Fan & Alternator Drive Belt 11-23
- Electrical Wires 11-24
- Brake Hoses, Pipes and Joints 11-24
- Hydraulic Oil 11-24
- Operator Seat 11-25
- Rear View Mirror 11-25
- Steering Column 11-25
- Steering Wheel 11-25
- Horn 11-26
- Service Brakes 11-26
- Parking Brake Lever 11-27
- Brake Pedal 11-27
- Inching Pedal (Powershift Model) 11-28
- Clutch Pedal (Manual Model) 11-28
- Accelerator Pedal 11-28
- Seat Belt 11-29
- Fuel 11-29
- Head Light and Working Light 11-29
- Turn Signal Light 11-29
- Stop Lights 11-30
- Backup Lights 11-30
- Icons of Meter Panel 11-30
- Meter Panel 11-30
- Engine (Exhaust, Noise, and Vibration) 11-31
- Mast Strip Sliding Surfaces 11-31
- Clutch (Manual Model) 11-31
- Brake Pedal 11-32
- Steering Wheel 11-32
- Seat Belt Warning Icon 11-33
- Parking Brake Warning Buzzer 11-33
- Mast Interlock System 11-34
- Driving Interlock System 11-35
- After the Daily (Pre-Start) Inspection 11-35

Every 50 Service Hours or Weekly, Whichever Comes First 11-36

- Hydraulic Hoses, Pipes and Joints 11-36

One Month (30 days) or 200 Service Hours after Delivery of a New Truck, Whichever Comes First 11-36

- Radiator Filler Cap 11-36
- Radiator Rubber Hose 11-36
- Alternator 11-36
- Starter 11-37
- Cylinder Head Bolt & Manifold Nut 11-37
- Intake & Exhaust Valve 11-37
- Engine Oil 11-37
- Bolts and Nuts (Frame & Chassis) 11-37
- Injection Nozzle (LPG Model) 11-37
- Fuel Filter (Diesel Model) 11-38
- Fuel Filter (Gasoline Model) 11-38
- Hydraulic Tank Return Oil Filter 11-38
- Mast Support 11-38
- Tilt Socket Pins 11-38
- King Pins 11-38
- Tie Rod Pins 11-38
- Clutch Pedal Shifter Shaft (Manual Model) 11-38
- Gearshift Lever (Manual Model) 11-39

Every 200 Service Hours or Monthly, Whichever Comes First. 11-39

- Radiator Fin 11-39
- Battery 11-39
- Engine Idle Speed 11-40
- Tar in Vaporizer 11-40
- Fuel Hoses, Pipes and Joints 11-40
- Spark Plug 11-40
- Air Cleaner Element 11-40
- Mast Strip Sliding Surfaces 11-42
- Differential 11-42

Every 500 Service Hours or 3 Months, Whichever Comes First 11-43

- Engine Oil 11-43
- Bolts, Nuts (Frame & Chassis) 11-44
- Fuel Filter (LPG Model) 11-44
- Lift Chains 11-45
- Mast Support 11-46
- Tilt Socket Pins 11-46
- Mounting Bush of Rear Axle 11-46
- King Pins 11-46
- Tie Rod Pins 11-47
- Clutch Pedal Shifter Shaft (Manual Model) 11-47
- Gearshift Lever (Manual Model) 11-47

Every 1000 Service Hours or 6 Months, Whichever Comes First 11-48

- Alternator 11-48
- Starter 11-48
- Cylinder Head Bolt & Manifold Nut 11-48
- Fuel Filter (Diesel Model) 11-49
- Fuel Filter (Gasoline Model) 11-49
- Hydraulic System 11-50
- Air Cleaner Element 11-51
- Powershift Transmission 11-52
- Differential 11-52

Every 2000 Service Hours or 1 Year, Whichever Comes First .. 11-53

- Service Brake Fluid 11-53
- Engine Coolant 11-53
- Fuel Filter (LPG Model) 11-56
- Hydraulic Oil 11-57
- Parts to Be Changed Periodically 11-59

12. SERVICE DATA 12-1
Fuel Information 12-1
- Gasoline (Gas) Specification 12-1
- Diesel Fuel Specifications 12-1
- Liquefied Petroleum (LPG Model) 12-1

Coolant Information 12-2
- Coolant Water 12-2
- Antifreeze Solution 12-3

Recommended Fuels and Oils 12-4
Specifications (Standard Models) 12-5
Refill Capacities 12-8
Capacities and Lift Truck Weight (Standard Models) 12-11

13. TO THE CAT LIFT TRUCK OWNER 13-1
The Importance of Genuine Parts 13-1
Instructions for Ordering Parts 13-2
Service Registration 13-3

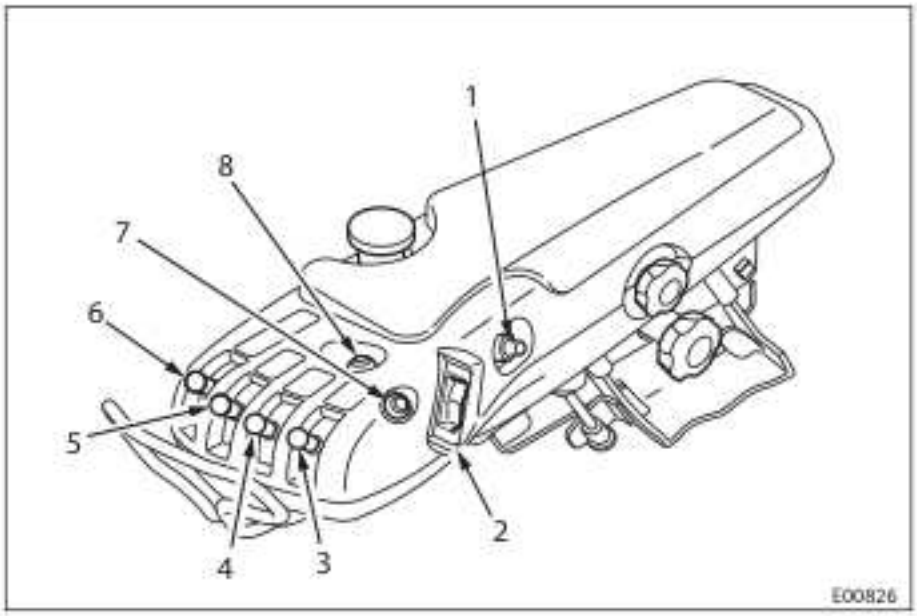
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◆Operating Switches and Controls (FC Model)

Equipped with mast interlock system

The mast interlock will work for the lift, tilt and attachment switches.

If the operator leaves the operator seat for approximately 3 seconds while the key switch is in the ON position, regardless of whether the engine is running or not, the mast and attachment will not lift, lower, or tilt when the lift, tilt or attachment switch is operated. This is not a failure, but the interlock system is being activated.

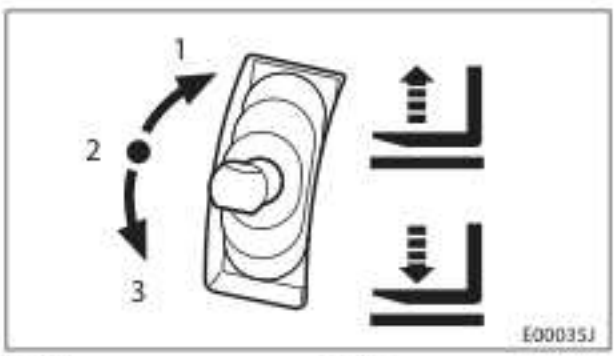


1. Lowering speed selector switch (optional)
2. Direction switch (optional)
3. Lift switch
4. Tilt switch
5. Attachment switch A
6. Attachment switch B
7. Mast vertical switch (optional)
8. Selector switch between fourth and fifth attachment (optional)

▶ Lift Switch

Lifting speed is controlled by the speed of the engine (the position of the accelerator pedal) and the position of the lift switch. Lowering speed is controlled only by the position of the lift switch regardless of the speed of the engine. The switch will return to the NEUTRAL position when released.

To deactivate the mast interlock system, the operator sits on the operator seat while the key switch is in the ON position with the engine running, and then operate the lift switch.



1. Raise
2. Neutral
3. Lower

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◆ Capacity Plate

⚠ WARNING

Capacity plate originally affixed to lift trucks must not be removed, altered or changed without the manufacturer's approval.

- If the truck is equipped with a high mast, the lift truck's capacity will be reduced.
  Be sure to check the capacity plate before handling loads.
- If the truck is equipped with attachment, the forklift truk's capacity will vary with the weight of attachment and the front overhang (distance from the front axle center to the vertical surface of the forks).
  Be sure to check the capacity plate before handling loads.



F00149

▶ For Example

⚠ DANGER

The capacity plate shown above is for a 1.5 ton model standard lift truck whose capacity is 3000 kg (6614 lb) at 500 mm (20 in.) load center.

The capacity plate specifies this lift truck can lift up to 3000 kg (6614 lb) if the load center is not more than 500 mm (20 in.) forward from the face of the backrest.

Before attempting to pick up or lift a load, make sure its weight is within the capacity of the lift truck at the load center involved.

Note: If the load is not uniform, the heaviest portion should be placed closer to the lift bracket and centered on the forks.



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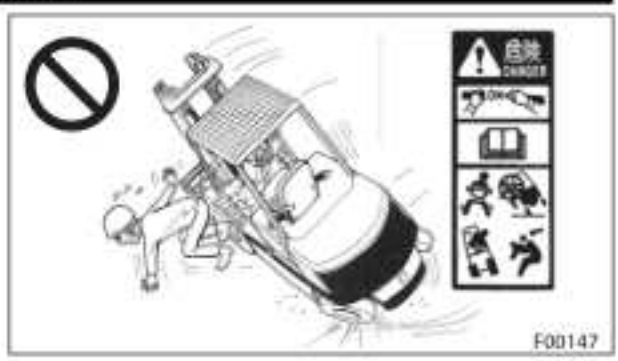
◆ Do's and Don'ts to Avoid Tipover

⚠ DANGER

Fasten the seat belt!

The seat belt will help to restrain you in accidents such as tipover.

The seat belt is used to protect your head and torso from being trapped between the lift truck and the ground; however, it may not protect the operator against all possible injury.

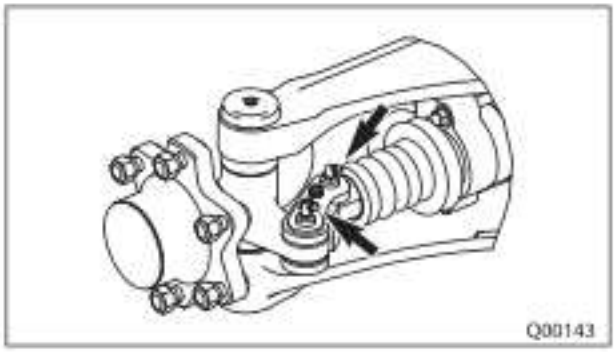

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▶ Tie Rod Pins

Lubricate

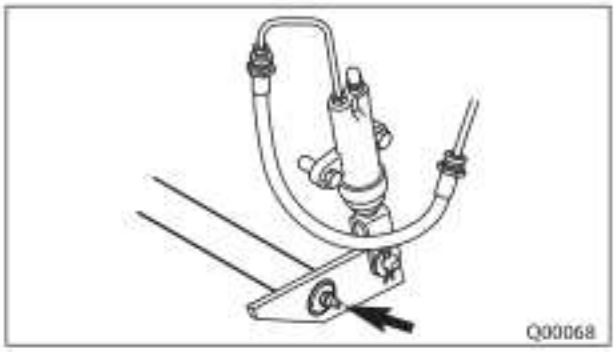
Lubricate 1 fitting on each pin for a total of 4 fittings.



▶ Clutch Pedal Shifter Shaft (Manual Model)

Lubricate

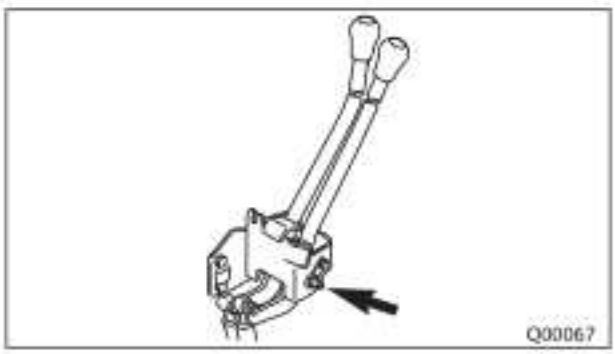
Lubricate 1 fitting.



▶ Gearshift Lever (Manual Model)

Lubricate

Lubricate 1 fitting.



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