

Form No.
907807

SL4635/4835 Skid Steer Loaders



PARTS BOOK

GEHL[®]

Introduction

For your safety and continued proper operation, use only genuine GEHL® service parts. When ordering service parts, specify the correct part number, full description, quantity required, the unit model number and serial number.

The model and serial numbers for this unit are on a decal located inside the right chassis riser, between the lift arm and inner riser. “Right” and “Left” are determined from a position sitting on the seat and facing forward.

GEHL Company reserves the right to make changes or improvements in the design or construction of any part of the unit without incurring the obligation to install such changes on any previously delivered units.

NOTE: *Purchase equivalent, quality tires for your loader. Contact your dealer for replacement tire information.*

NOTE: *Replacement batteries are not provided by the GEHL Company. For battery specifications see pages titled “Electrical Engine Harness/Battery”. ALL REPLACEMENT BATTERIES MUST BE PURCHASED LOCALLY.*

Refer to the abbreviations table located on this page for the various fastener descriptions. Standard attaching hardware torque values are also provided on the inside back cover. **If a part requires lubrication or a nonstandard torque value, it will be specified behind the part number description in parenthesis.**

Items shown in the parts list that do not have part numbers are shown for reference purposes only and are NOT available for purchase.

Dimensions are in inches unless otherwise specified.

NOTE: *The following abbreviations may be used herein:*

AMP	Ampere
AR	As Required
ASSY	Assembly
CCA	Cold Cranking Amperage
CYL	Cylinder
FRT	Front
FL	Flare
GA	Gauge
HEX	Hexagon
JIC	Joint Industrial Council
kW	Kilowatt
LBS	Pounds
LT	Left
M.	Metric
MM (mm)	Millimeter
NA	Naturally Aspirated
N/A	Not Applicable
NEG	Negative
NILN.	Nylon Insert Lock Nut
NO	Number
NPT	National Pipe Thread
OPER	Operator
POS	Positive
PSI	Pounds per Square Inch
QTY	Quantity
REF	Reference
REQ'D.	Required
ROPS	Roll Over Protective Structure
RPM	Revolutions Per Minute
RT	Right
SAE	Society of Automotive Engineers
SN	Serial Number
SQ	Square
ST	Straight
TURBO	Turbocharger
V.	Volt

TABLE OF CONTENTS

DESCRIPTION

PAGE

SECTION A: MAIN LOADER COMPONENTS

Chassis	1
Wheel Drives	3
Engine	5
Air Cleaner and Muffler	7
Oil Cooler	9
Hydrostatic System	11
Hydraulics - Chassis	13
Hydraulics - Chassis - Main Control Valve	21
Hydraulics - Lift Arm	25
Auxiliary Hydraulic Controls	31
Controls - Lift and Tilt	37
Controls - Traction	43
Controls - Engine	49
Lift Arm and All-Tach™ Attachment System	53
ROPS and Seat	55
Restraint Bar	59
Sound Suppression	61
Grille and Engine Cover	65
Electrical - Instrument Panel/Harness	67
Electrical - Engine Harness/Battery	69
Electrical - Lights	71
Decals	74

SECTION B: HYDRAULIC COMPONENTS

Lift Cylinder	83
Tilt Cylinder	85
Drive Motor and Parking Brake	87
Tandem Pump	89
Gear Pump - Standard	93
Gear Pump - High-Flow	95
Main Control Valve	97
Self-Level Valve	99
Solenoid Valves - Lift and Tilt	101
Solenoid Valve - Brake	103
Valve - High-Flow	105

(continued on next page)

TABLE OF CONTENTS

DESCRIPTION

PAGE

SECTION C: ACCESSORIES

Backhoe Mount Kit 807184	109
Crossmember Auxiliary Tube Kit 807233	109
Backhoe Hydraulics Kit 807193 (4635) and 807231 (4835)	110
All-Tach Kit 807825.	110
4635 T-Bar and Dual Hand Auxiliary Hydraulics Kit 807239	111
Frame Reinforcement Kit 807238.	112
Rear Counterweight Kit 807243.	112
Gehl Quick-Tach™ Kit 807230	113
Backhoe 1/2 Mount for 9HD2 Backhoe Kit 806293	114
Rearview Mirror Kit 806894	114
Backup Alarm Kit 807190.	115
Cab Heater Kit 807824	116
Dome Light Kit 807278	117
Horn Kit 806923.	118
Centrifugal Pre-Cleaner Kit 808204.	118
Parker Coupler Kit 807050	119
Engine Auto Shutdown System Kit 806918.	119
Strobe Light Kit 805803	120
Dual Flasher Kit 806920.	120
Front Door Kit 807292	121
Airboss Solid Segmented Tire Repair Parts	122
Self-Level Valve Kit 807336	122
Double Gas Spring Kit 807376	123
Tilt Cylinder Lock Valve Kit 135564	123
Impact Resistant Front Door Kit 807330	124
Work Taillight Kit 807293	124
Deluxe Interior Kit 807429	125
Side-Mounted Cab Heater Kit 807833	126
Other Accessories	127
Numerical Index	128
O-Ring Table, Coupling & Adapter Torque Table	135
Torque Specifications Table	Inside Back Cover

Quick-Tach is a trademark of the Gehl Company.

Spiralock is a trademark of H.D. Holmes, licensed to Detroit Tool Industries.

License includes U.S. and foreign patent rights. Loctite is a registered trademark of the Loctite Corporation.

SECTION A: MAIN LOADER COMPONENTS

Chassis	1
Wheel Drives	3
Engine	5
Air Cleaner and Muffler	7
Oil Cooler	9
Hydrostatic System	11
Hydraulics - Chassis	13
Hydraulics - Chassis - Main Control Valve	21
Hydraulics - Lift Arm	25
Auxiliary Hydraulic Controls	31
Controls - Lift and Tilt	37
Controls - Traction	43
Controls - Engine	49
Lift Arm and All-Tach™ Attachment System	53
ROPS and Seat	55
Restraint Bar	59
Sound Suppression	61
Grille and Engine Cover	65
Electrical - Instrument Panel/Harness	67
Electrical - Engine Harness/Battery	69
Electrical - Lights	71
Decals	74

Thanks for your reading.

Please click here to download complete manual instantly.

And can also choose other manuals.

Feel free --->write to me with any questions.

Our service email:

manuals007@hotmail.com