

V270
V270 (EU)
V330
V330 (EU)

GEHL®

Form No.
917376

Revision H
05/13

**Vertical Lift
Skid-Steer Loaders**



PARTS MANUAL

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 number decal for this unit is located on the right chassis upright. “Right” and “Left” are determined from a position sitting on the seat and facing forward.

Manitou Americas 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 “Electrical-Chassis” chapter. **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 and symbols may be used herein:

A	.....	Ampere
AR	.....	As Required
ASSY	.....	ASSY
AUX	.....	Auxiliary
CCA	.....	Cold Cranking Amperage
CYL	.....	Cylinder
DH	.....	Dual Hand
DJS	.....	Dual Joystick
FL	.....	Flare
FOPS	.....	Falling Object Protective Structure
GA	.....	Gauge
HEX	.....	Hexagon
H/F	.....	Hand/Foot
HF	.....	High-Flow
HYD	.....	Hydraulic
JIC	.....	Joint Industrial Council
kW	.....	Kilowatt
LBS	.....	Pounds
M	.....	Meter
MM (mm)	.....	Millimeter
NA	.....	Naturally Aspirated
N/A	.....	Not Applicable
NEG	.....	Negative
N•m	.....	Newton meter
NO	.....	Number
NPT	.....	National Pipe Thread
NSS	.....	Not Sold Separately
PN	.....	Part Number
POS	.....	Positive
PSI	.....	Pounds per Square Inch
QTY	.....	Quantity
REF	.....	Reference
REQ'D	.....	Required
ROPS	.....	Roll Over Protective Structure
RPM	.....	Revolutions Per Minute
SAE	.....	Society of Automotive Engineers
SN	.....	Serial Number
SQ	.....	Square
ST	.....	Straight
TB	.....	T-Bar
TB/JS	.....	T-Bar/Joystick
TURBO	.....	Turbocharger
V	.....	Volt

TABLE OF CONTENTS

DESCRIPTION	PAGE
-------------	------

SECTION A: MAIN LOADER COMPONENT

Chassis (includes HVAC Completing and Heater Completing)	1
Grille and Engine Cover	21
ROPS/FOPS Structure/Interior (plus Non-HVAC, HVAC and EU Door Completing)	23
Restraint Bar	31
Seat and Seat Belt Options	35
Lift Arm	41
Attachment Bracket (includes Power-A-Tach [®])	43
Wheel Drives	51
Engine	53
Air Cleaner/Exhaust	57
Radiator/Cooler	61
Hydrostatics with Drive Motors	63
Hydraulics - Chassis (includes Auxiliary Hydraulics)	67
Hydraulics - Lift Arm	79
Controls - Lift/Tilt and Traction	83
Controls - Engine	87
Electrical - Chassis	89
Electrical - ROPS/FOPS	95
Electrical - Lights	99
Electrical - Engine (includes EU Electrical Disconnect Switch)	101
Tires	107
Four-Point Lift Assembly	109
Sound Suppression	111
Decals	114

SECTION B: HYDRAULIC COMPONENTS AND HEATER/HVAC HOUSINGS

Lift Cylinder	125
Tilt Cylinder	127
Drive Motors with Parking Brake	129
Tandem Pumps	133
Gear Pumps - Single and Double	139
Self-Leveling Valve	145
Solenoid Valves - Brake, Joystick Supply and Brake Release	147
Main Control Valves	149
Proportional Valves - Three and Five Bank	151
Hydraglide™ Ride Control Manifold Valve	153
Condensor, Heater Housing and HVAC Housing Assembly	155
Lift Assist Pump and Cylinder	159
Pump - Power-A-Tach [®]	161
Foot Valve	162

(continued on next page)

TABLE OF CONTENTS

DESCRIPTION

PAGE

SECTION C: FILTER LISTING, KITS AND ACCESSORIES

Filter Listing, Analysis Kits and Other Available Accessories	164
811486 Backup Alarm Kit	165
811487 Side Window Kit	166
811488 Rearview Mirror Kit	167
811502 Cab Door Kit	168
811494 Counterweight Kit	170
811489 AM/FM Radio Kit	170
811500 Heater/Defroster Kit	171
811277 Pre-Cleaner Kit	177
811226 14-Pin Electrical Auxiliary Connector Kit	178
811496 Warning Lamp Kit	179
811613 Rear Wiper Kit	180
811510 Flasher Kit	181
184130 and 50352739 Auxiliary Couplers Service Kits	182
811537 Power-A-Tach® Kit	183
811644 Parking Brake Release Kit	185
811497 Four-Point Lift Kit	186
811625 Self-Leveling Kit	187
50850001 Counterweight Kit	188
50850048 Single-Point Lift Kit	189
50850116 Impact-Resistant Door Kit	190

SECTION D: SCHEMATICS

Heater Schematic	193
HVAC Schematic	195
14-Pin Electrical Auxiliary Schematic	197
Electrical Schematic - Engine	198
Rear Light Power Distribution Schematic	199
Electrical Schematic - ROPS/FOPS	200
Electrical Schematic - Chassis	201
Hydrostatic/Hydraulic Schematic - Dual Joystick Controls	203
Hydrostatic/Hydraulic Schematic - Hand and Foot Controls	204

Numerical Index	206
O-Ring Table, Coupling & Adapter Torque Table	219
Torque Specifications Table	Inside Back Cover

SECTION A: MAIN LOADER COMPONENTS

Chassis (includes HVAC Completing and Heater Completing)	1
Grille and Engine Cover	21
ROPS/FOPS Structure/Interior (plus Non-HVAC, HVAC and EU Door Completing) . .	23
Restraint Bar	31
Seat and Seat Belt Options	35
Lift Arm	41
Attachment Bracket (includes Power-A-Tach®)	43
Wheel Drives	51
Engine	53
Air Cleaner/Exhaust	57
Radiator/Cooler	61
Hydrostatics with Drive Motors	63
Hydraulics - Chassis (includes Auxiliary Hydraulics)	67
Hydraulics - Lift Arm	79
Controls - Lift/Tilt and Traction	83
Controls - Engine	87
Electrical - Chassis	89
Electrical - ROPS/FOPS	95
Electrical - Lights	99
Electrical - Engine (includes EU Electrical Disconnect Switch)	101
Tires	107
Four-Point Lift Assembly	109
Sound Suppression	111
Decals	114

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