Genie
A TEREX BRAND

Operator's Manual

Serial Number Range

Superlift Contractor®

with
Maintenance
Information

Original Instructions
Second Edition
First Printing
Part No. 1314196GT

Introduction

Manufacturer:

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EU Authorized representative:

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Contents

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Complies with EC Directive 2006/42/EC
See EC Declaration of Conformity

Supply of Machinery (Safety) Regulations 2008

Introduction

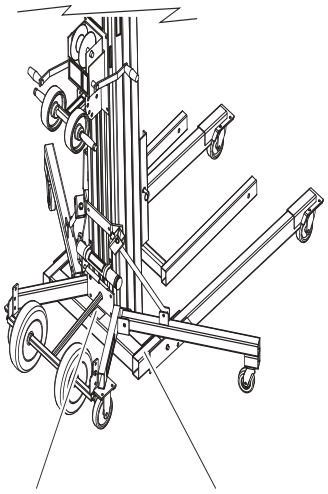
About this manual

Genie appreciates your choice of our machine for your application. Our number one priority is user safety, which is best achieved by our joint efforts. This book is an operation and daily maintenance manual for the user or operator of a Genie machine.

This manual should be considered a permanent part of your machine and should remain with the machine at all times. If you have any questions, contact Genie.

Product Identification

The machine serial number is located on the serial label.



Serial label

Serial number stamped on chassis

Intended Use and Familiarization Guide

The intended use of this machine is to lift material. Before operating the machine, it's the operator's responsibility to read and understand this familiarization guide.

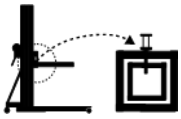
- ☑ Each person must be trained to operate a material lift.
- ☑ Familiarization with the material lift must be given to each person who is authorized, competent and trained.
- ☑ Only trained and authorized personnel should be permitted to operate the machine.
- ☑ The operator is responsible to read, understand, and obey the manufacturer's instructions and safety rules provided in the Operator's Manual.
- ☑ The Operator's Manual is located in the manual storage container, on the machine.
- ☑ For specific product applications, see **Contacting The Manufacturer**.

Introduction

Related machine movement:

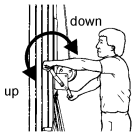
Lower the leg to down position.

Inserting the adjustable fork



Fork pin inserted

Swivel caster lock



Winch Operation

Limitations of use:

- The intended use of this machine is to lift materials to an aerial work site.
- Do not raise the carriage unless the machine is on a firm level surface.

Stability enhancing means:

- Stabilizer (if equipped)
- Leg

Restricted operating envelope:

- Load handling attachments (See Load Capacity Charts section.)

Bulletin Distribution and Compliance

Safety of product users is of paramount importance to Genie. Various bulletins are used by Genie to communicate important safety and product information to dealers and machine owners.

The information contained in the bulletins is tied to specific machines using the machine model and serial number.

Distribution of bulletins is based on the most current owner on record along with their associated dealer, so it is important to register your machine and keep your contact information up to date.

To ensure safety of personnel and the reliable continued operation of your machine, be sure to comply with the action indicated in a respective bulletin.

To view any open bulletins for your machine, visit us on the web at www.genielift.com.

Contacting the Manufacturer

At times it may be necessary to contact Genie. When you do, be ready to supply the model number and serial number of your machine, along with your name and contact information. At minimum, Genie should be contacted for:

Accident reporting

Questions regarding product applications and safety

Standards and regulatory compliance information

Current owner updates, such as changes in machine ownership or changes in your contact information. See Transfer of Ownership, below.

Transfer of Machine Ownership

Taking a few minutes to update owner information will ensure that you receive important safety, maintenance and operating information that applies to your machine.

Please register your machine by visiting us on the web at www.genielift.com or by calling us toll free at 1-800-536-1800.

Introduction

Danger

Failure to obey the instructions and safety rules in this manual will result in death or serious injury.

Do Not Operate Unless:

☑ You learn and practice the principles of safe machine operation contained in this operator's manual.

1 Avoid hazardous situations.

Know and understand the safety rules before going on to the next section.

2 Always perform a pre-operation inspection.

3 Always perform function tests prior to use.

4 Inspect the workplace.

5 Only use the machine as it was intended.

☑ You read, understand and obey the manufacturer's instructions and safety rules—safety and operator's manuals and machine decals.

☑ You read, understand and obey employer's safety rules and worksite regulations.

☑ You read, understand and obey all applicable governmental regulations.

☑ You are properly trained to safely operate the machine.

Safety Sign Maintenance

Replace any missing or damaged safety signs. Keep operator safety in mind at all times. Use mild soap and water to clean safety signs. Do not use solvent-based cleaners because they may damage the safety sign material.

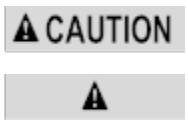
Decal Legend

Genie product decals use symbols, color coding and signal words to identify the following:

Safety alert symbol—used to alert personnel to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.

Red—used to indicate the presence of an imminently hazardous situation which, if not avoided, will result in death or serious injury.

Orange—used to indicate the presence of a potentially hazardous situation which, if not avoided, could result in death or serious injury



Yellow with safety alert symbol—used to indicate the presence of a potentially hazardous situation which, if not avoided, may cause minor or moderate injury.

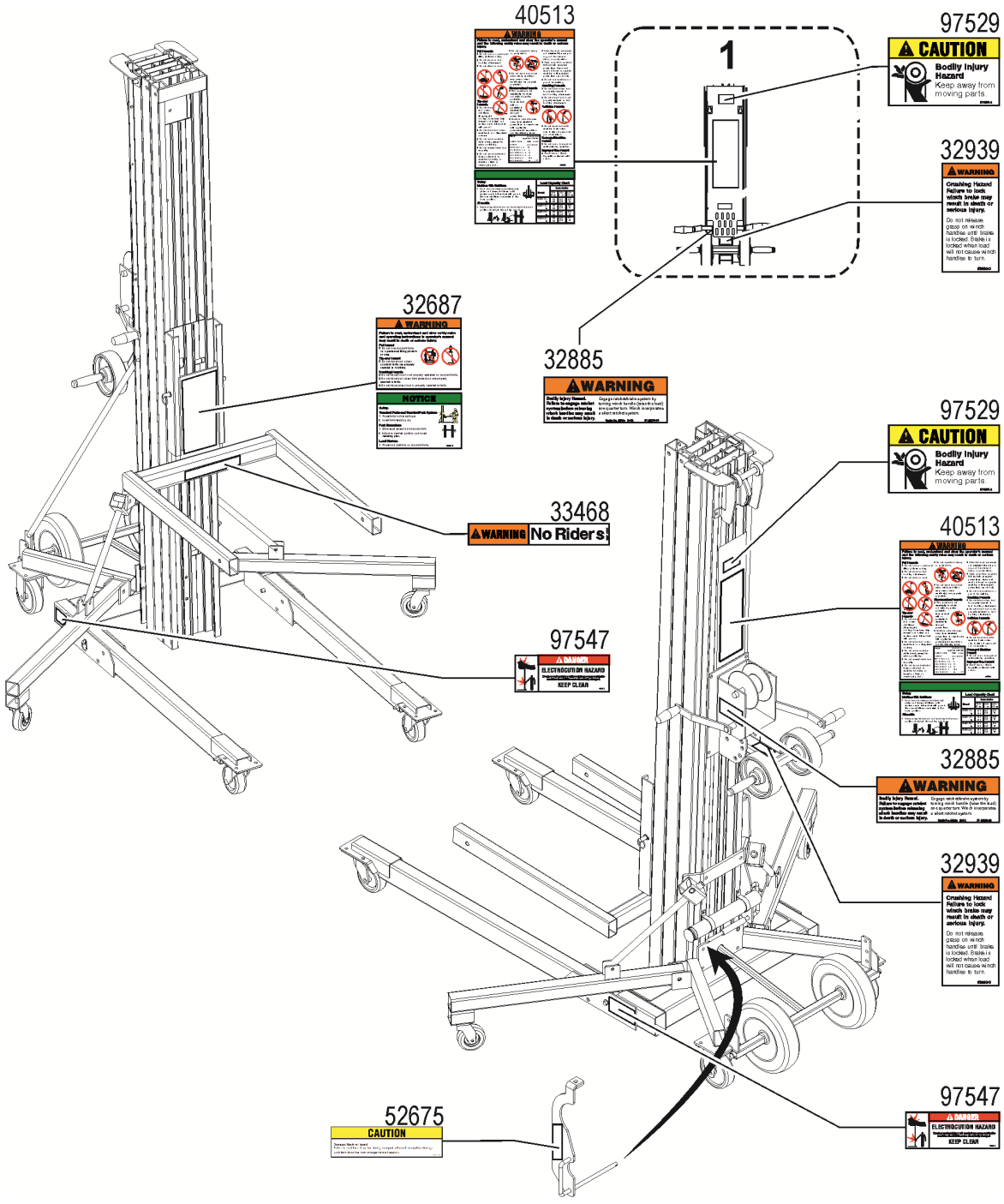
Yellow without safety alert symbol—used to indicate the presence of a potentially hazardous situation which, if not avoided, may result in property damage.

Green—used to indicate operation or maintenance information.

Symbol and Hazard Pictorials Definitions

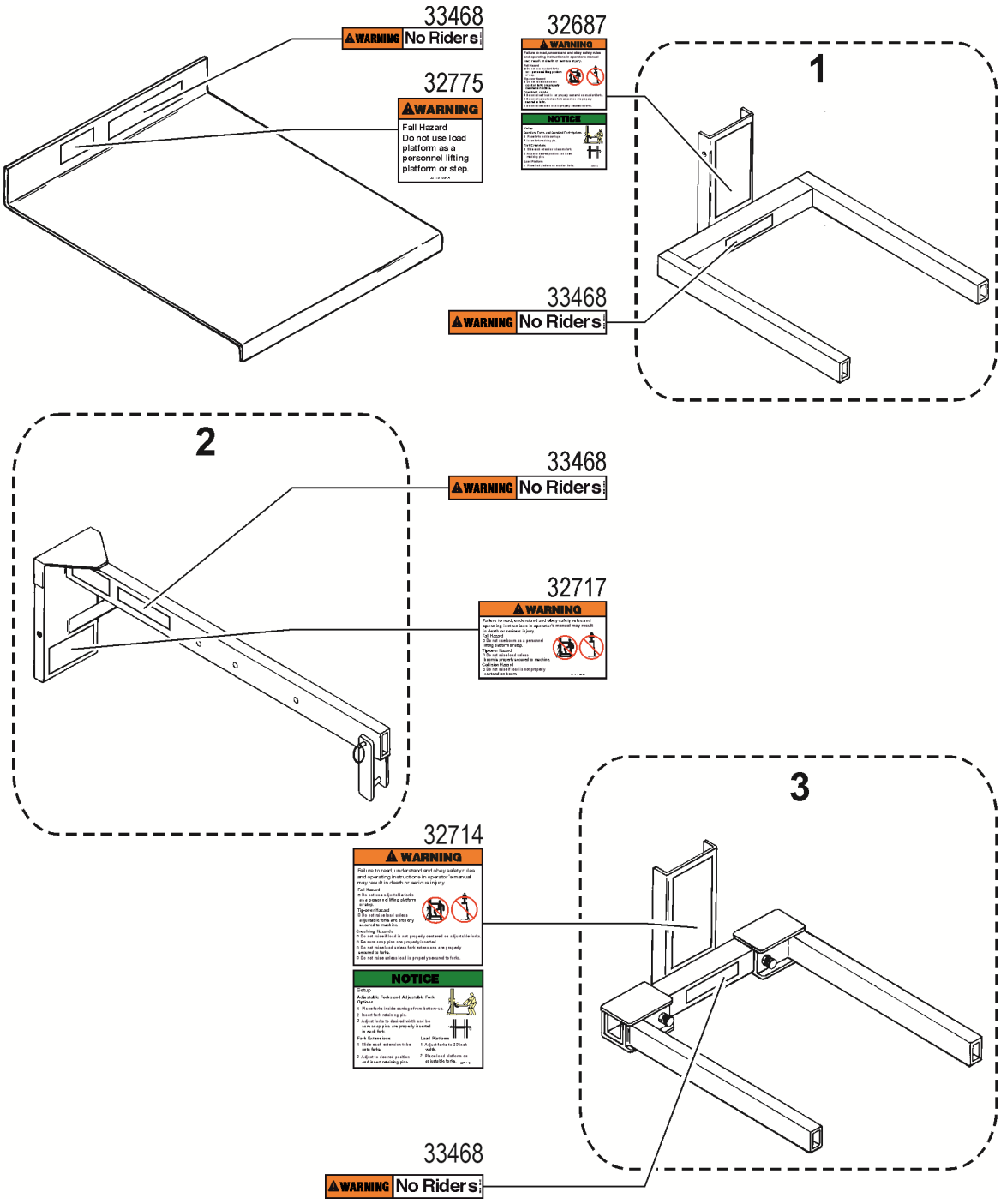
 Read the operator's manual	 Read the service manual	 Crush hazard	 No smoking	 Collision hazard
 Crush hazard	 Collision hazard	 Bodily injury hazard	 Electrocution hazard	 Tip-over hazard
 Damaged machine Hazard	 Transport diagram	 Lifting point	 Do not operate in Strong winds	 Electrocution hazard
 Fall hazard	 Fall hazard	 Lifting point	 Release brakes	 Do not place ladder against the machine
 Do not use the machine on moving vehicle or surface				

General Safety



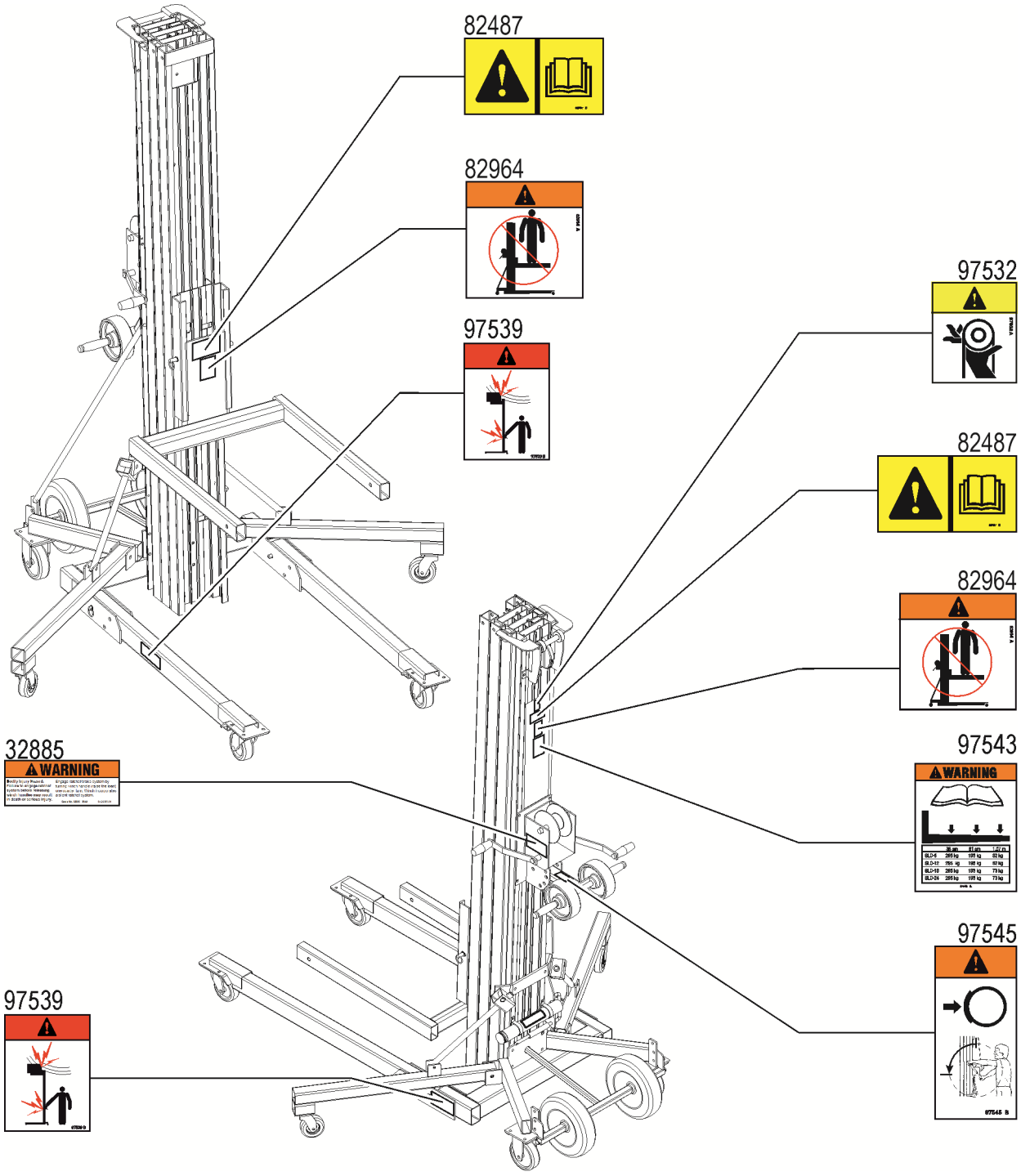
1 Australia models only

General Safety

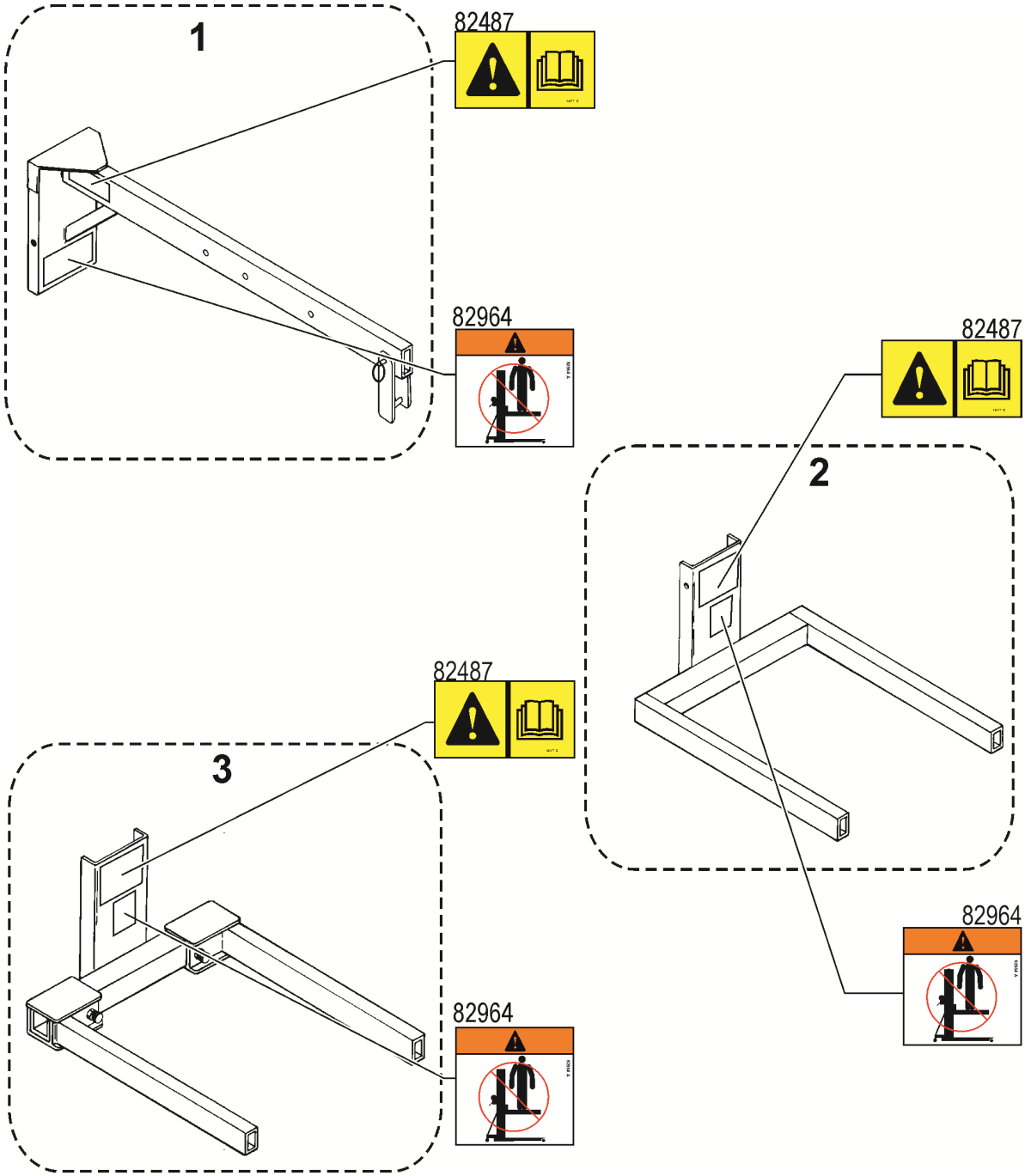


1 Standard Forks
2 Boom
3 Adjustable Forks

General Safety



General Safety



1 Boom
2 Standard Forks
3 Adjustment Forks

Personal Fall Protection

Personal fall protection equipment (PFPE) is not required when operating this machine. If PFPE is required by job site or employer rules, the following shall apply:

All PFPE must comply with applicable governmental regulations and must be inspected and used in accordance with the manufacturer’s instructions.

Work Area Safety

⚠ Electrocution Hazards

This machine is not electrically insulated and will not provide protection from contact with or proximity to electrical current.

Keep away from the machine if it contacts energized power lines. Personnel must not touch or operate the machine until energized power lines are shut off.

Maintain safe distances from electrical power lines and apparatus in accordance with applicable governmental regulations and the following chart.

Voltage Phase to Phase	Minimum Safe Approach Distance	
0 to 300V	Avoid Contact	
300V to 50KV	10 ft	3.05 m
50KV to 200KV	15 ft	4.60 m
200KV to 350KV	20 ft	6.10 m
350KV to 500KV	25 ft	7.62 m
500KV to 750KV	35 ft	10.67 m
750KV to 1000KV	45 ft	13.72 m

Allow for mast movement, electrical line sway or sag, and beware of strong or gusty winds.

Do not use the machine as a ground for welding.

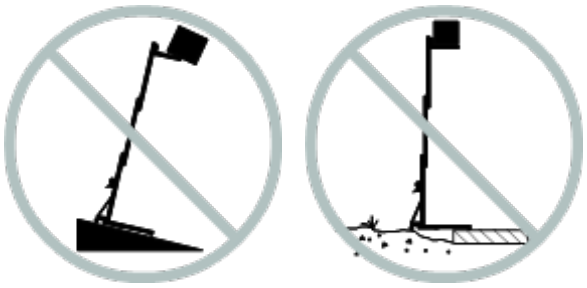
⚠ Tip-over Hazards

Do not raise the load unless the stabilizers (if equipped) and legs have been fully lowered and locked and the casters are in full contact with the ground.

Do not raise the load unless the leg retainer pins are properly inserted through the leg and the base.

Do not remove the leg retainer pins while the machine is loaded and/or raised.

Do not raise the load unless the machine is on a firm, level surface.



Prior to use, check the work area for drop-offs, holes, bumps, debris, unstable or slippery surfaces or other possible hazardous conditions.

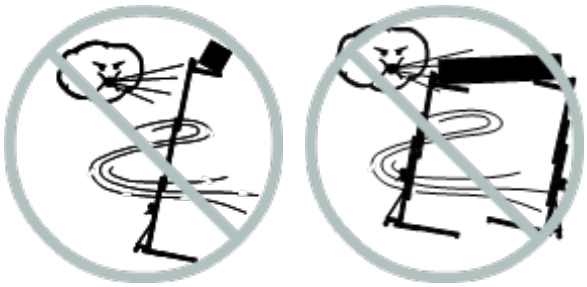
Work Area Safety

Do not raise the load unless the load handling attachment is properly secured to the machine.

Do not use blocks to level the machine.

Do not move the machine with a raised load, except for minor positioning.

Do not operate the machine in strong or gusty winds. Increasing the load surface area will decrease machine stability in windy conditions.



Do not leave a load raised when windy conditions may occur unless the machine(s) are properly guywired.

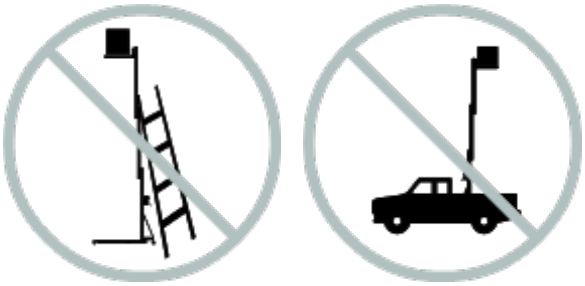
Do not exceed the rated load capacity. See Load Capacity Charts section.

Avoid debris and uneven surfaces while rolling a machine with the legs folded up.

Do not replace machine parts critical to stability or structure with items of different weight or specification.

Do not cause a horizontal force or side load to machine by raising or lowering a fixed or overhanging load.

Do not place ladders or scaffolding against any part of the machine.



Do not use the machine on a moving or mobile surface or vehicle.

Work Area Safety

⚠ Fall Hazards

Do not use as a personnel lifting platform or step.

Do not stand on the load handling attachments.

Do not climb on the mast.

⚠ Collision Hazards

Check the work area for overhead obstructions or other possible hazards.

Do not tilt the machine back unless the area is clear of personnel and obstructions.

Use common sense and planning when transporting the machine on an incline or slope.

Do not load for transport unless the machine and vehicle are on a level surface. Use proper lifting techniques to load the machine.

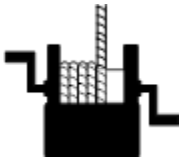
⚠ Bodily Injury Hazard

Do not grasp the cable.

⚠ Damaged Machine Hazards

Do not use a damaged or malfunctioning machine.

Do not use a machine with a worn, frayed, kinked or damaged cable.



Do not use a machine with less than 4 wraps of cable on the winch drum when the carriage is fully lowered.

Conduct a thorough pre-operation inspection prior to each use.

Be sure all decals are in place and legible. See Decals section.

Be sure that the operator's manual is complete, legible and in the storage container located on the machine.

Maintain proper lubrication on the winch. See *Genie Superlift Contractor Parts and Service Manual* for details.

Do not allow oil or grease on braking surfaces.

Do not use any type of lubrication on the column surfaces.

Work Area Safety

⚠ Crushing Hazard

Keep hands and fingers away from folding legs and other potential pinch points.

Do not raise if the load is not properly centered on the load handling attachment.

Do not raise unless the load is properly secured to the load handling attachment.

Do not stand under or allow personnel under the machine when the load is raised.

Do not stand under the load. The mast brake system (if equipped) will allow the load to drop 1 to 3 feet / 30 to 92 cm before locking the columns.

Do not lower the load unless the area below is clear of personnel and obstructions.

Maintain a firm grasp on the stabilizer when the lock plates are released. The stabilizer will drop.

Maintain a firm grasp on the leg when the retaining pin is removed. The leg will drop.

Maintain a firm grasp on the winch handle until the brake is locked. The brake is locked when the load will not cause the winch handle to turn.

⚠ Lifting Hazards

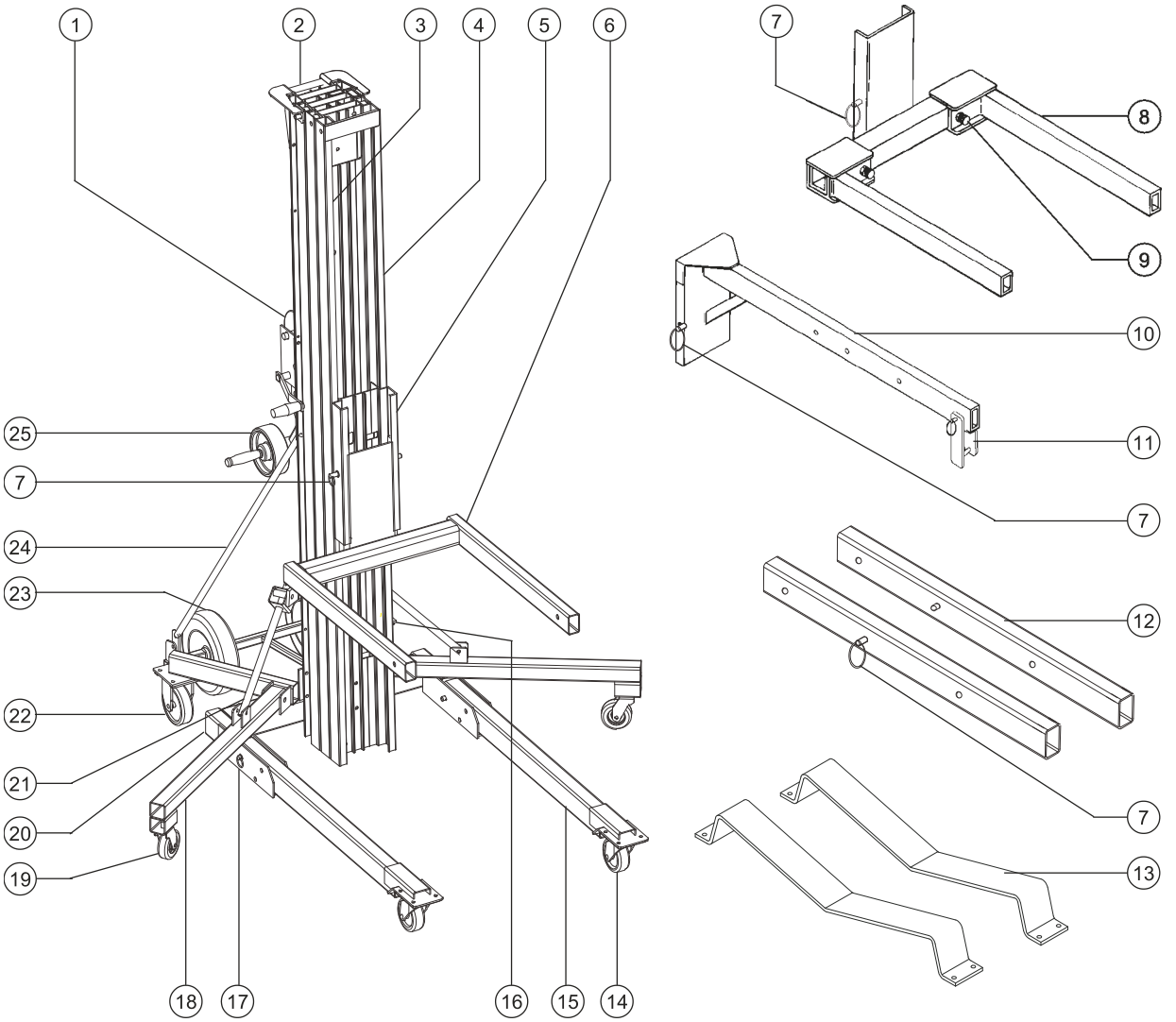
Use proper lifting techniques to load or tip the machine.

Use proper lifting techniques when installing or removing the load handling attachments.

⚠ Improper Use Hazard

Never leave a machine unattended with a load. Unauthorized personnel may attempt to operate the machine without proper instruction, creating an unsafe condition.

Legend



1 Winch
2 Lifting bracket
3 Cable
4 Mast
5 Carriage
6 Standard Forks
7 Load handling attachment retaining pin
8 Adjustable Forks
9 Snap pin
10 Boom
11 Shackle
12 Fork Extensions
13 Pipe Cradle
14 Leg swivel caster
15 Leg
16 Hold-down bar
17 Leg retaining pin
18 Stabilizer (if equipped)
19 Stabilizer caster
20 Base
21 Stabilizer brace
22 Base swivel/lock caster with brake
23 Transport wheel
24 Mast brace
25 Loading wheels/steer handles

Inspections

Do Not Operate Unless:

☑ You learn and practice the principles of safe machine operation contained in this operator's manual.

1 Avoid hazardous situations.

2 Always perform a pre-operation inspection.

Know and understand the pre-operation inspection before going on to the next section.

3 Always perform function tests prior to use.

4 Inspect the workplace.

5 Only use the machine as it was intended.

Pre-operation Inspection Fundamentals

It is the responsibility of the operator to perform a pre-operation inspection and routine maintenance.

The pre-operation inspection is a visual inspection performed by the operator prior to each work shift. The inspection is designed to discover if anything is apparently wrong with a machine before the operator performs the function tests.

The pre-operation inspection also serves to determine if routine maintenance procedures are required. Only routine maintenance items specified in this manual may be performed by the operator.

Refer to the list on the next page and check each of the items.

If damage or any unauthorized variation from factory delivered condition is discovered, the machine must be tagged and removed from service.

Repairs to the machine may only be made by a qualified service technician, according to the manufacturer's specifications. After repairs are completed, the operator must perform a pre-operation inspection again before going on to the function tests.

Scheduled maintenance inspections shall be performed by qualified service technicians, according to the manufacturer's specifications and the requirements listed in the responsibilities manual.

Inspections

Pre-operation Inspection

- ❑ Be sure that the operator’s manual is complete, legible and in the storage container located on the machine.
- ❑ Be sure that all decals are legible and in place. See Decals section.

Check the following components or areas for damage, improperly installed, or missing parts and unauthorized modifications:

- ❑ Winch and related components
- ❑ Base components
- ❑ Legs
- ❑ Stabilizers and latch plates (if equipped)
- ❑ Mast columns
- ❑ Exterior plastic shim for safety brake (if equipped)
- ❑ Carriage hold-down bar
- ❑ Cable anchor
- ❑ Cable and pulleys
- ❑ Wheels and casters
- ❑ Load handling attachments
- ❑ Nuts, bolts and other fasteners
- ❑ Cable (kinks, frays and abrasions)

Check entire machine for:

- ❑ Cracks in welds or structural components
- ❑ Dents or damage to machine
- ❑ Excessive rust, corrosion or oxidation

- ❑ Verify that all structural and other critical components are present and all associated fasteners and pins are in place and properly tightened.
- ❑ Be sure there is a minimum of 4 wraps of cable around the winch drum when the carriage is fully lowered.

Inspections

Do Not Operate Unless:

☑ You learn and practice the principles of safe machine operation contained in this operator's manual.

1 Avoid hazardous situations.

2 Always perform a pre-operation inspection.

3 Always perform function tests prior to use.

Know and understand the function tests before going on to the next section.

4 Inspect the workplace.

5 Only use the machine as it was intended.

Function Test Fundamentals

The function tests are designed to discover any malfunctions before the machine is put into service. The operator must follow the step-by-step instructions to test all machine functions.

A malfunctioning machine must never be used. If malfunctions are discovered, the machine must be tagged and removed from service. Repairs to the machine may only be made by a qualified service technician, according to the manufacturer's specifications.

After repairs are completed, the operator must perform a pre-operation inspection and function tests again before putting the machine into service.

Inspections

Function Tests

1 Select a test area that is firm, level and free of hazards.

⚠ Note: Ensure the carriage hold-down bar is not over the carriage.

Setup

Machines Without Stabilizers

1 Remove the leg retainer pin and lower the leg to the down position. Insert the pin through the leg and base.

Machines With Stabilizers

1 Push down to release the stabilizer lock plates and lower the stabilizers until the casters are in full contact with the ground. Be sure the stabilizers are locked in the down position.

2 Remove the leg retainer pin and lower the leg to the down position. Insert the pin through the leg and base.

Load Handling Attachments

Standard Forks and Standard Fork Options

1 Place the forks inside the carriage.

2 Insert the retaining pin.

Load Platform with Standard Forks

1 Place the load platform on the standard forks.

Pipe Cradle

1 Attach the pipe cradles to the forks. Be sure the fasteners are tightened.

Fork Extensions

1 Slide each extension tube onto the forks.

2 Adjust to the desired position and insert the retaining pins.

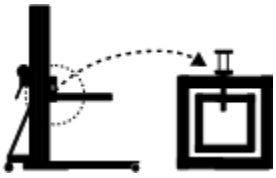
Inspections

Adjustable Forks and Adjustable Fork Options

1 Place the forks inside the carriage.

2 Insert the retaining pin.

3 Adjust the forks to the desired width and be sure the snap pin is properly inserted in each fork.



Load Platform with Adjustable Forks

1 Adjust the forks to a width of 23 inches / 58.4 cm.

2 Place the load platform on the adjustable forks.

Pipe Cradle

1 Attach the pipe cradles to the forks. Be sure the fasteners are tightened.

Fork Extensions

1 Slide each extension tube onto the forks.

2 Adjust to the desired position and insert the retaining pins.

Standard Boom

1 Place the boom inside the carriage.

2 Insert the retaining pin.

3 Attach the lifting shackle to the desired hole on the boom.

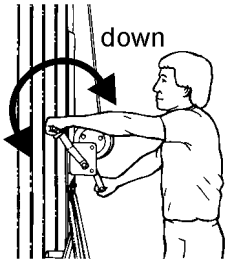
Test One-Speed Winch Operation

1 Install a load handling attachment.

2 Raise the carriage by firmly grasping the winch handles and rotating them towards the mast.

⊙ Result: The winch should operate smoothly, free of hesitation or binding.

3 Lower the carriage by firmly grasping the winch handles and rotating them away from the mast. After lowering to the desired position, turn the winch handles toward the mast (raise the load) 1/4 turn to set the brakes.



⊙ Result: The winch should operate smoothly, free of hesitation or binding.

Inspections

Test Two-Speed Winch Operation

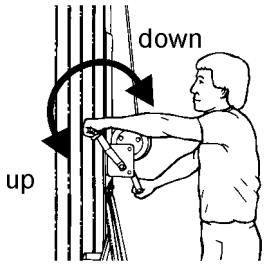
1 Install a load handling attachment.

2 Shift the winch to the slow speed.

3 Raise the carriage by firmly grasping the winch handles and rotating them towards the mast.

⊙ Result: The winch should operate smoothly, free of hesitation or binding.

4 Lower the carriage by firmly grasping the winch handles and rotating them away from the mast. After lowering to the desired position, turn the winch handles toward the mast (raise the load) 1/4 turn to set the brakes.



⊙ Result: The winch should operate smoothly, free of hesitation or binding.

5 Shift the winch to the fast speed and repeat steps 3 and 4.

Test Mast Sequencing

1 Install a load handling attachment.

2 Raise the carriage to full height by firmly grasping the winch handles and rotating them towards the mast.

3 Result: The carriage should raise to the top of the front mast section, followed in consecutive order by each mast section.

4 Fully lower the carriage. After lowering to the desired position, turn the winch handles toward the mast (raise the load) 1/4 turn to set the brakes.

Inspections

Do Not Operate Unless:

☑ You learn and practice the principles of safe machine operation contained in this operator's manual.

1 Avoid hazardous situations.

2 Always perform a pre-operation inspection.

3 Always perform function tests prior to use.

4 Inspect the workplace.

Know and understand the workplace inspection before going on to the next section.

5 Only use the machine as it was intended.

Workplace Inspection Fundamentals

The workplace inspection helps the operator determine if the workplace is suitable for safe machine operation. It should be performed by the operator prior to moving the machine to the workplace.

It is the operator's responsibility to read and remember the workplace hazards, then watch for and avoid them while moving, setting up, and operating the machine.

Workplace Inspection Checklist

Be aware of and avoid the following hazardous situations:

- ❑ drop-offs or holes
- ❑ bumps, floor obstructions, or debris
- ❑ sloped surfaces
- ❑ unstable or slippery surfaces
- ❑ overhead obstructions and high voltage conductors
- ❑ hazardous locations
- ❑ inadequate surface support to withstand all load forces imposed by the machine
- ❑ wind and weather conditions
- ❑ the presence of unauthorized personnel
- ❑ other possible unsafe conditions

Inspections

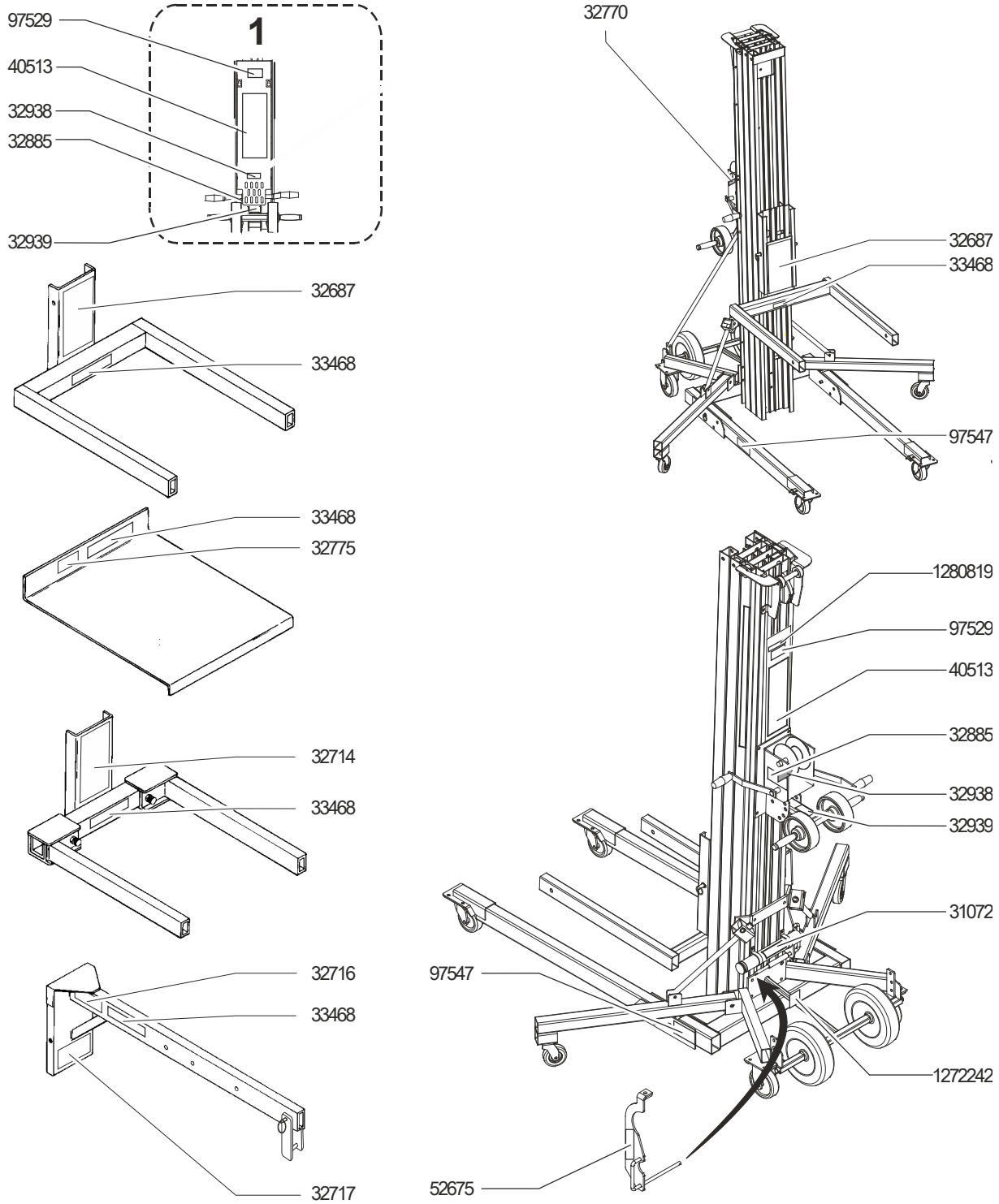
Inspection for Decals with Words

Determine whether the decals on your machine have words or symbols. Use the appropriate inspection to verify that all decals are legible and in place.

Part No.	Decal Description	Qty
31072	Label - Operator's Manual Container	1
32687	Warning - Standard Forks Safety/Setup	1
32714	Warning - Adjustable Forks Safety/Setup	1
32716	Notice - Boom Setup	1
32717	Warning - Boom Safety	1
32770	Notice - Two Speed Shift Instructions	1
32775	Warning - Fall Hazard, Load Platform	1
32885	Warning - Silent Winch	1
32938	Label - Use This Winch	1
32939	Warning - Crushing Hazard, Brake Lock	1
33468	Warning - No Riders	1
33545	Warning - Machine Safety & Setup (before serial number 9596-5288)	1
40513	Warning - Machine Safety & Setup (after serial number 9596-5287)	1
52675	Caution - Damaged Machine Hazard	1
97529	Caution - Bodily Injury Hazard	1
97547	Danger - Electrocution Hazard	2
1272242	Label – Machine Registration	1
1280819	Label – Warning, Prop 65	1

Shading indicates decal is hidden from view, i.e. under covers

Inspections



1 Australia models only

Inspections

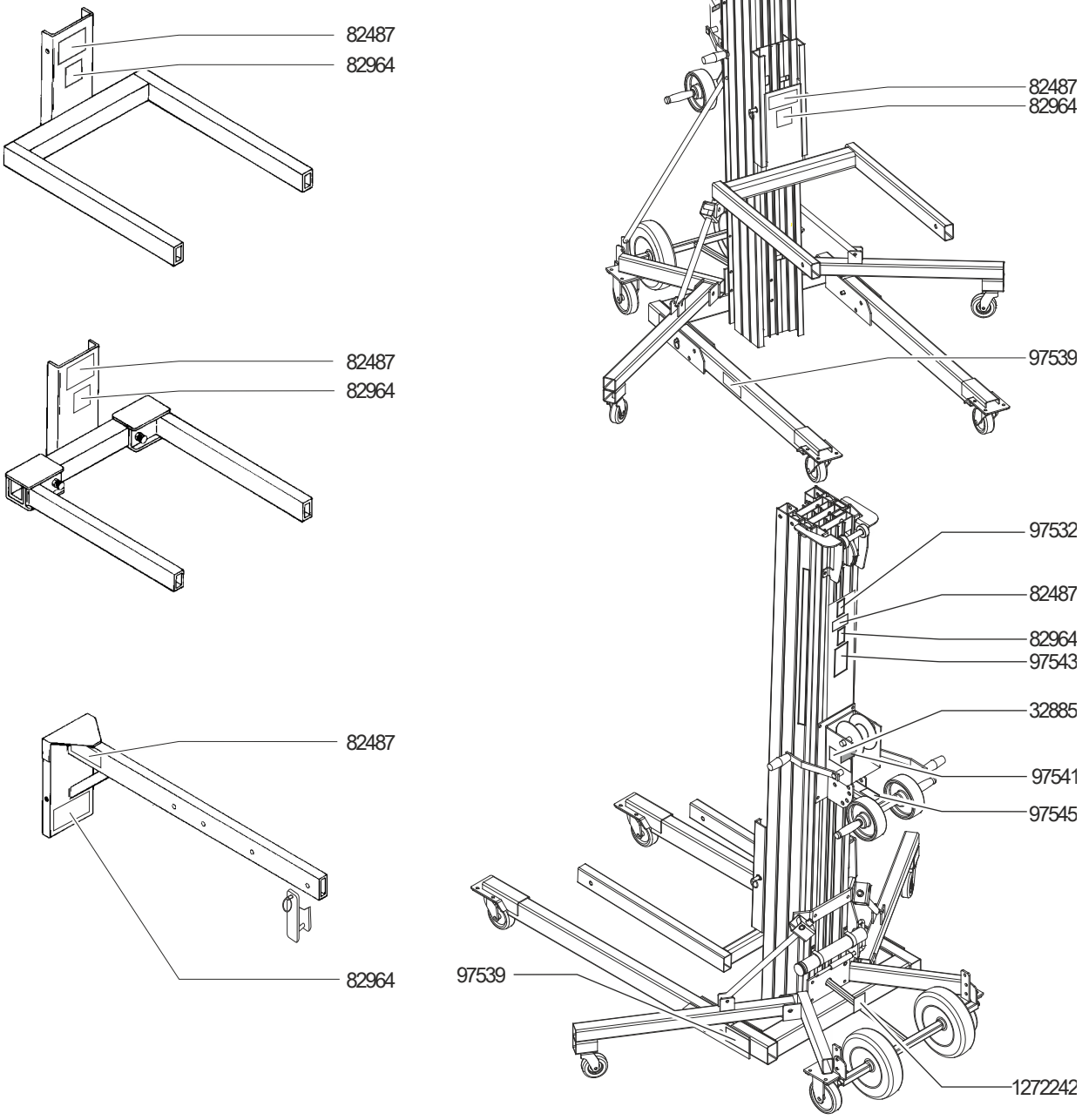
Inspection for Decals with Symbols

Determine whether the decals on your machine have words or symbols. Use the appropriate inspection to verify that all decals are legible and in place.

Part No.	Decal Description	Qty
32885	Warning - Silent Winch	1
82487	Label – Read the Manual	3
82964	Warning - No Riders	3
97532	Caution - Bodily Injury Hazard	1
97539	Danger - Electrocution Hazard	2
97541	Label - Use this Winch	1
97543	Warning - Load Center Chart	1
97545	Warning - Lock Brake	1
97546	Label - Two Speed Shift	1
1272242	Label – Machine Registration	1

Shading indicates decal is hidden from view, i.e. under covers

Inspections



Operating Instructions

Do Not Operate Unless:

☑ You learn and practice the principles of safe machine operation contained in this operator's manual.

1 Avoid hazardous situations.

2 Always perform a pre-operation inspection.

3 Always perform function tests prior to use.

4 Inspect the workplace.

5 Only use the machine as it was intended.

Fundamentals

The Operating Instructions section provides instructions for each aspect of machine operation. It is the operator's responsibility to follow all the safety rules and instructions in the operator's, safety and responsibilities manuals.

Using the machine for any purpose other than lifting material is unsafe.

If more than one operator is expected to use a machine at different times in the same work shift, each operator is expected to follow all safety rules and instructions in the operator's manual. That means every new operator should perform a preoperation inspection, function tests and a work place inspection before using the machine.

Operating Instructions

Setup

Select an area that is firm, level and free of obstructions.

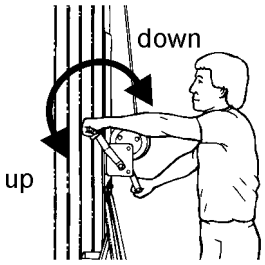
Follow the Setup procedures in the Function Tests section.

Raising and Lowering Load

1 Center the load on the load handling attachment. See Load Capacity Charts section.

2 Secure the load to the load handling attachment.

3 Raise the load by firmly grasping the winch handles and rotating them toward the mast. Do not allow the cable to wind unevenly onto the drum.



4 Lower the load by firmly grasping the winch handles and rotating them away from the mast. After lowering to the desired position, turn the winch handles toward the mast (raise the load) 1/4 turn to set the brakes.

Moving Machine with a Load

It is best to move the machine on the work site with no load. Moving a raised load should be restricted to positioning for loading and unloading. If it is necessary to move the machine with a raised load, understand and obey the following safety rules:

- Make sure the area is level and clear of obstructions.
- Make sure the load is centered on the load handling attachment.
- Make sure the load is secured to the load handling attachment.
- Avoid sudden starts and stops.
- Travel with the load in the lowest possible position.
- Keep personnel away from the machine and load.

After Each Use

To prepare the machine for storage, follow the Setup procedure in reverse order.

Select a safe storage location—firm, level surface, weather protected, clear of obstruction and traffic.

Transport and Lifting Instructions

Observe and Obey:

☑ The transport vehicle must be parked on a level surface.

☑ The transport vehicle must be secured to prevent rolling while the machine is being loaded.

☑ Be sure the vehicle capacity, loading surfaces and chains or straps are sufficient to withstand the machine weight. See the serial label for the machine weight.

☑ The machine must be securely fastened to the transport vehicle. Use chains or straps of ample load capacity.

Loading the Machine

Be sure to remove the load handling attachment from the machine and place the stabilizers in the stored position.

1 Fully lower the carriage, to lock for transport.

2 Rotate the carriage hold-down bar over the carriage.

3 Raise the carriage until it contacts the carriage hold-down bar.

4 Adjust the loading wheels to the desired position. Be sure the pin is properly inserted.

5 Lock the rear base casters.

6 Place the machine against the vehicle. Use proper lifting techniques to load the machine into the transport vehicle. Be sure to check that the carriage is locked in the lowered position.

7 Use a minimum of 1 chain or strap to secure the machine to the truckbed. Place the chain or strap over the mast. Placing the chain or strap over the legs can damage the legs.

8 To unload, follow the loading instructions in reverse order.

Loading the Machine With a Crane

Be sure to place the legs and stabilizers in the stored position.

Inspect the entire machine and remove any loose or unsecured items.

Use the lifting bracket on the top of the rear mast column.

Always place the lifting hook through the lifting eye so that it points away from the machine.

Load Capacity Charts

Observe and Obey:

☑ Failure to properly position the load may result in death or serious injury.

☑ Verify that the load you wish to raise does not exceed the maximum load for your load center. See the load capacity charts on the next page.

⚠WARNING Tip-over hazard. Raising a load that exceeds the machine capacity may result in death or serious injury.

☑ A load center is defined as the balancing point (center of gravity) of a load and must be positioned within the load center zone.

⚠WARNING Tip-over hazard. Failure to position the load center within the load center zone may result in death or serious injury.

Forks

Load Positioning Instructions

1 Determine the weight of the load and the location of its load center.

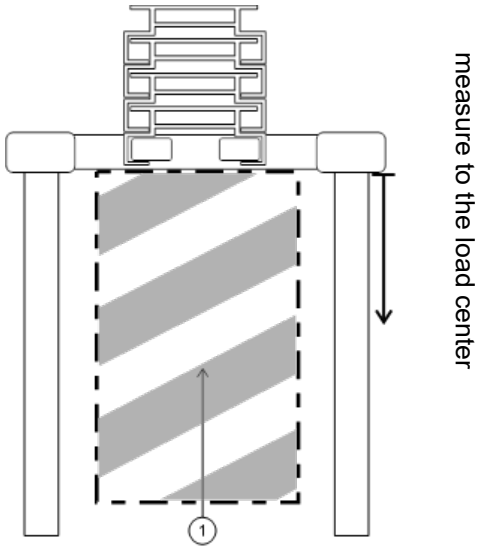
2 Measure to the load center from the side of the load that will be closest to the carriage.

3 Refer to the chart on the next page to determine if the machine is capable of lifting the weight at the location on the forks.

4 Place the load so that it rests on the forks, as close to the carriage as possible.

5 Position the load so that the load center is within the load center zone.

6 Secure the load to the forks.



1. Load Center Zone

See the chart on the next page for maximum load centers for standard forks, adjustable forks and flat forks.

Load Capacity Charts

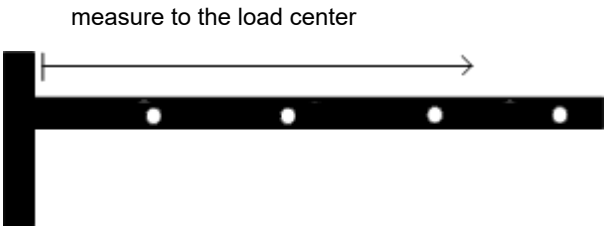
Boom

Load Positioning Instructions

1 Determine the weight of the load and the location of its load center.

2 Refer to the chart below to determine if the machine is capable of lifting the weight at the location on the boom.

3 Secure the load to the lifting shackle on the boom.



Maximum Load Centers

(measure from front of carriage)

Standard Forks	24 in	61 cm
Adjustable Forks	24 in	61 cm
Boom	42 in	107 cm
Load Platform	24 in	61 cm
Pipe Cradle	18 in	46 cm
Fork Extensions	42 in	107 cm

Load Capacity Chart

		Load Center														
inches		14	16	18	20	22	24	26	28	30	32	34	36	38	40	42
cm		36	41	46	51	56	61	66	71	76	81	86	91	97	102	107
Model																
SLC-6	lbs	650	610	565	515	470	425	385	350	315	285	260	235	215	195	180
	kg	295	277	256	234	213	193	175	159	143	129	118	107	98	89	82
SLC-12	lbs	650	610	565	515	470	425	385	350	315	285	260	235	215	195	180
	kg	295	277	256	234	213	193	175	159	143	129	118	107	98	89	82
SLC-18	lbs	650	610	565	515	470	425	385	345	310	275	250	225	200	180	160
	kg	295	277	256	234	213	193	175	157	141	125	113	102	91	82	73
SLC-24	lbs	650	610	565	515	470	425	385	345	310	275	250	225	200	180	160
	kg	295	277	256	234	213	193	175	157	141	125	113	102	91	82	73

Specifications

Model		SLC-6	SLC-12	SLC-18	SLC-24
Height, stowed		86 in 2.2 m	86 in 2.2 m	86 in 2.2 m	86 in 2.2 m
Width		31.50 in 80 cm	31.50 in 80 cm	31.50 in 80 cm	31.50 in 80 cm
Width, stabilizers lowered (If equipped)		66 in 1.7 m	66 in 1.7 m	66 in 1.7 m	66 in 1.7 m
Length, stowed		34 in 86.4 cm	34 in 86.4 cm	34 in 86.4 cm	34 in 86.4 cm
Length, operating		59 in 1.5 m	63 in 1.6 m	73 in 1.8 m	81 in 2 m
Ground clearance		2 in 50.8 mm	2 in 50.8 mm	2 in 50.8 mm	2 in 50.8 mm
Load Capacity at 14 in / 36 cm load center		650 lbs 295 kg	650 lbs 295 kg	650 lbs 295 kg	650 lbs 295 kg
Note: see Load Capacity Chart section for load capacities at other load centers.					
Net Weight		166 lbs 75 kg	204 lbs 93 kg	307 lbs 139 kg	374 lbs 170 kg
Sound pressure level		<70 dBA	<70 dBA	<70 dBA	<70 dBA
Load Handling Attachments		**Length**	**Width**	**Depth**	**Net Weight**
Standard Forks		28 in 71.1 cm	23 in 58.4 cm	2.50 in 6.4 cm	26.5 lbs 12 kg
Adjustable Forks		27.50 in 70 cm	11.50 in to 30 in 29 cm to 76 cm	2.50 in 6.4 cm	52.5 lbs 23.8 kg
Boom		44 in 1.1 m	1.50 in 3.8 cm	6 in 15.2 cm	34.5 lbs 15.6 kg
Pipe Cradle		27.50 in 70 cm	24.50 in 63 cm	6 in 15.2 cm	10 lbs 4.5 kg
Load Platform		27.50 in 70 cm	23 in 58.4 cm	2.50 in 6.4 cm	26 lbs 12 kg
Fork Extensions (each)		30 in 76 cm	2 in 5 cm	3 in 7.6 cm	4.5 lbs 2 kg
Dimensions		**SLC-6**	**SLC-12**	**SLC-18**	**SLC-24**
Standard Forks	forks down	5 ft 8 in 1.73 m	11 ft 2 in 3.40 m	16 ft 9 in 5.11 m	22 ft 3 in 6.78 m
	forks up	7 ft 5 in 2.26 m	12 ft 11 in 3.94 m	18 ft 6 in 5.64 m	24 ft 0 in 7.32 m
Adjustable Forks	forks down	5 ft 8 in 1.73 m	11 ft 2 in 3.40 m	16 ft 9 in 5.11 m	22 ft 3 in 6.78 m
	forks up	7 ft 5 in 2.26 m	12 ft 11 in 3.94 m	18 ft 6 in 5.64 m	24 ft 0 in 7.32 m
Boom		6 ft 8 in 2.03 m	12 ft 2 in 3.71 m	17 ft 9 in 5.41 m	23 ft 3 in 7.09 m

Specifications

Contents of EC Declaration of Conformity

<Manufacturer's name> hereby declares that the machinery described below complies with the provisions of the following Directives:

1. EC Directive 2006/42/EC, Machinery Directive,

Model / Type: <machine type>	Manufacture Date: <variable field>
Description: <machine classification>	Country of Manufacture: <variable field>
Model: <model name>	Net Installed Power: <only for IC machines>
Serial Number: <variable field>	Guaranteed Sound Power Level: <only for IC machines>
VIN: <where applicable>	
Manufacturer: <Manufacturer's name>	Authorized Representative and person to compile the technical file:
	Genie Industries B.V Boekerman 5, 4751 XK Oud Gastel, The Netherlands
Empowered signatory:	Place of Issue: <variable field>
	Date of Issue: <variable field>

Specifications

Contents of UK Declaration of Conformity

<Manufacturer’s name> hereby declares that the machinery described below complies with the provisions of the following Legislation:

1. Supply of Machinery (Safety) Regulations 2008 (SI 2008/1597) as amended (SI 2011/1043, SI 2011/2157, SI 2019/696)

Model / Type: <machine type>	Manufacture Date: <variable field>
Description: <machine classification>	Country of Manufacture: <variable field>
Model: <model name>	Net Installed Power: <only for IC machines>
Serial Number: <variable field>	Guaranteed Sound Power Level: <only for IC machines>
VIN: <where applicable>	
Manufacturer: <Manufacturer’s name>	Authorized Representative and person to compile the technical file: Genie UK Ltd The Maltings Wharf Road Grantham NG31 6BH
Empowered signatory:	Place of Issue: <variable field>
	Date of Issue: <variable field>

California Proposition 65

WARNING

Operating, servicing and maintaining this equipment can expose you to chemicals including engine exhaust, carbon monoxide, phthalates, and lead, which are known to the State of California to cause cancer and birth defects or other reproductive harm. These chemicals can be emitted from or contained in other various parts and systems, fluids and some component wear by-products. To minimize exposure, avoid breathing exhaust, do not idle the engine except as necessary, service your equipment and vehicle in a well-ventilated area and wear gloves or wash your hands frequently when servicing your equipment or vehicle and after operation. For more information go to www.P65Warnings.ca.gov/passenger-vehicle.

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