

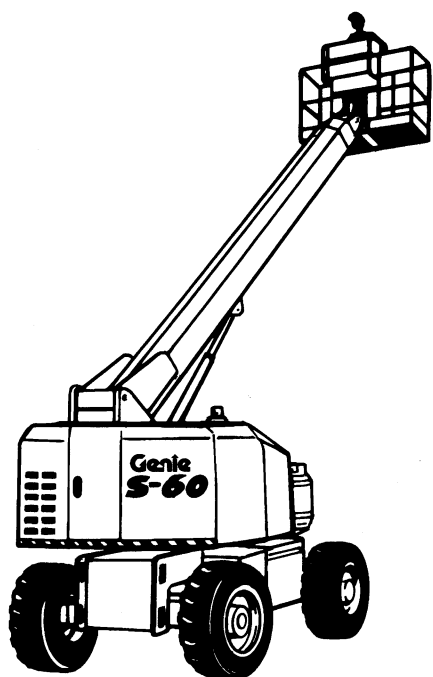
**Genie Industries**



# Genie® S-60

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# Operator's Manual



First Edition  
Part No. 28182



# Genie® S-60

## Important

Read, understand and obey these safety rules and operating instructions before operating this machine. Only trained and authorized personnel shall be permitted to operate this machine. If you have any questions, call Genie Industries.

## Genie U.S.A. and Canada

Telephone (425) 881-1800  
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Fax (425) 883-3475

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## Genie Industries

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# Safety Rules



## **Danger**

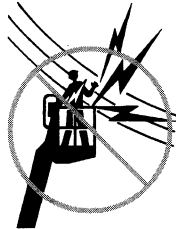
Failure to obey the instructions and safety rules in this manual will result in death or serious injury.

## **Do Not Operate Unless:**

- You are properly trained to safely operate the machine.
- You read, understand and obey:
  - manufacturer's instructions and safety rules—safety and operator's manuals and machine decals
  - employer's safety rules
  - applicable governmental regulations
- You inspect the entire machine for possible damage and test all machine functions for proper operation.

SAFETY RULES

**Electrocution Hazards**



This machine is **not** electrically insulated and will **not** provide protection from contact with or proximity to electrically charged power lines.

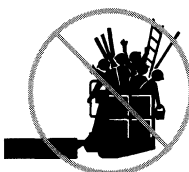
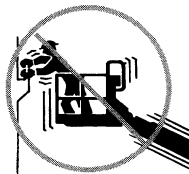
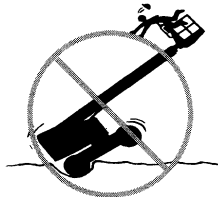
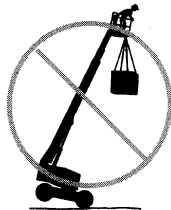
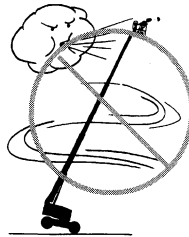
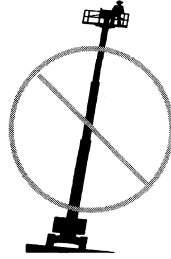
Be aware of machine working height and maintain safe distances from electrical power lines and apparatus in accordance with applicable governmental regulations and this manual (see *Specifications*, page 24).

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

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

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

Do not use the machine as a ground for welding.



**Tip-over Hazards**

Occupants and equipment shall not exceed the maximum platform capacity:

6 foot platform: 660 lbs (300kg)  
8 foot platform: 550 lbs (250kg)

Maximum occupants: 2.

Do not raise the platform or drive the machine with boom extended or raised, unless on a firm level surface.

Do not raise the platform in strong or gusty winds.

Do not raise the platform or drive with the boom extended or raised on or near uneven terrain, unstable or slippery surfaces or other hazardous conditions.

Do not push off or pull toward any object outside of the platform. Maximum allowable side force is 150 lbs (667N).

Use extreme care and slow speeds driving the machine in stowed position across uneven terrain, debris, unstable or slippery surfaces and near holes and drop-offs.

Do not place or attach overhanging loads to any part of this machine.

Do not alter or disable machine components that in any way affect safety and stability.

**SAFETY RULES**

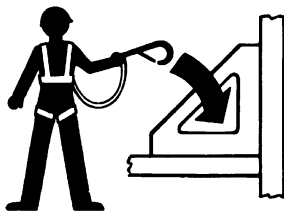
Do not replace items critical to stability with items of different weight or specification.

Do not place ladders or scaffolds in platform or against any part of this machine.

Do not use machine on a moving surface or vehicle.

Make sure all tires are in good condition and air-filled tires are properly inflated.

**Fall Hazards**



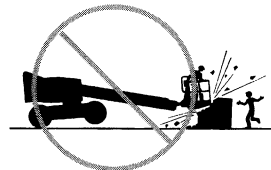
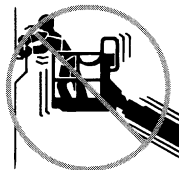
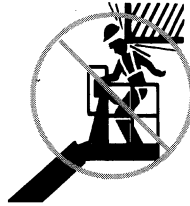
Occupants must wear a safety belt or harness with lanyard attached to anchor provided.

Do not sit, stand or climb on the platform guard rails. Maintain a firm footing on the platform floor at all times.

Keep the platform floor clear of debris.

Lower the platform entry mid-rail or close the gate before operating.

Do not climb down from the platform when raised.



**Collision Hazards**

Be aware of limited sight distance and blind spots when driving.



Be aware of machine tail swing when rotating the turntable.

Check work area for overhead obstructions or other possible hazards.

Be aware of crushing hazard when grasping the platform guard rail.

Observe and use color-coded direction arrows on the platform controls and drive chassis for drive and steer functions.

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

Limit travel speed according to condition of ground surface, congestion, slope, location of personnel, and any other factors which may cause collision.

## SAFETY RULES

**Explosion And Fire Hazards**

When using liquid petroleum gas (LPG), gasoline, or diesel fuel, operate machine in a well ventilated area to avoid carbon monoxide poisoning.

Do not start machine if you smell or detect liquid petroleum gas (LPG), gasoline, diesel fuel or other explosive substances.

Do not refuel machine with engine running.

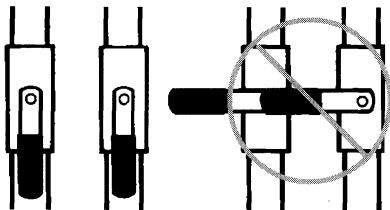
Refuel machine and charge batteries only in an open, well-ventilated area away from sparks, flames and lighted tobacco.

**Component Damage Hazards**

Do not use any battery or charger greater than 12V to jump start the engine.

Do not use machine as a ground for welding.

Be sure hydraulic shutoff valves (located by hydraulic tank) are open before starting engine.



During operation

**Damaged Machine Hazards**

Do not use a damaged or malfunctioning machine.

Conduct a thorough pre-operation inspection of the machine and test all functions before each work shift.

Be sure all maintenance has been performed as specified in this manual and the *Genie S-60 Service Manual*.

Be sure all decals are in place and legible.

Be sure safety and operator's manuals are legible and in the storage box located on platform.

**Decal Legend**

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

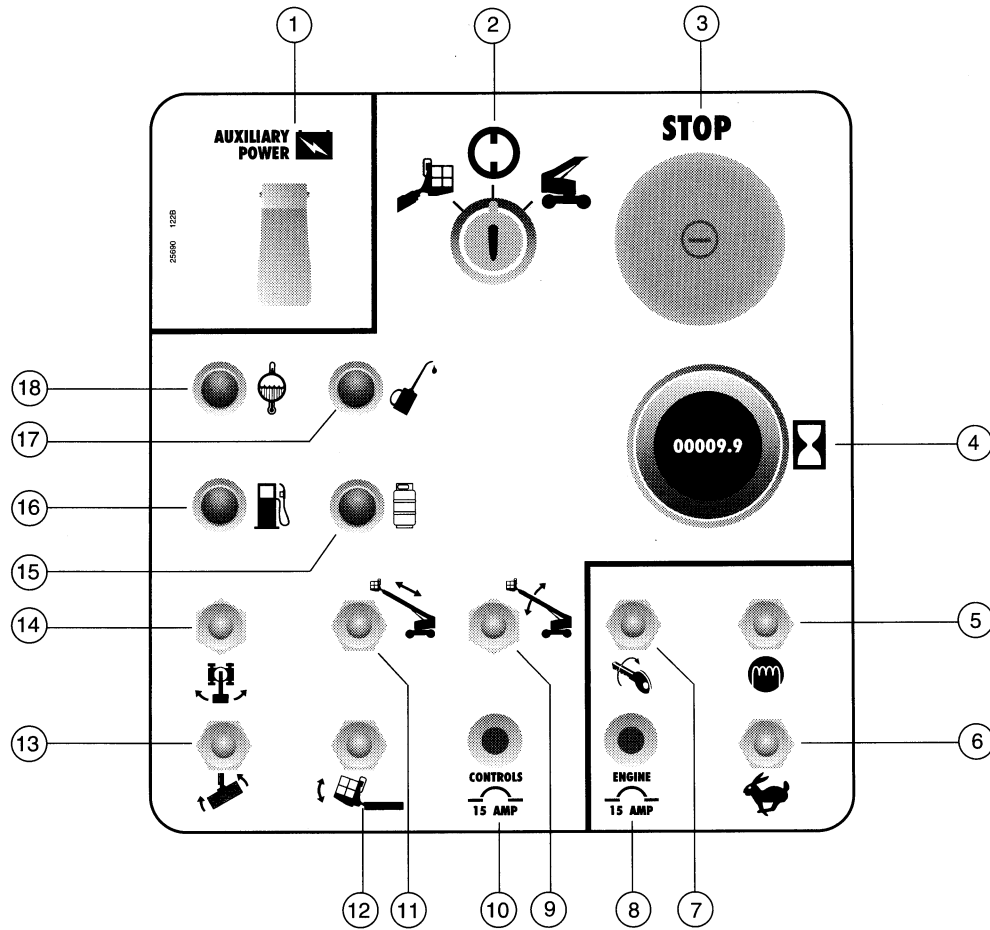
**▲ DANGER** Red—used to indicate the presence of a hazard that **will** cause death or serious injury.

**▲ WARNING** Orange—used to indicate the presence of a hazard that **may** cause death or serious injury.

**▲ CAUTION** Yellow—used to indicate the presence of a hazard that **will** or **may** cause serious personal injury or damage to the machine.

**▲ NOTICE** Green—used to indicate operation or maintenance information.

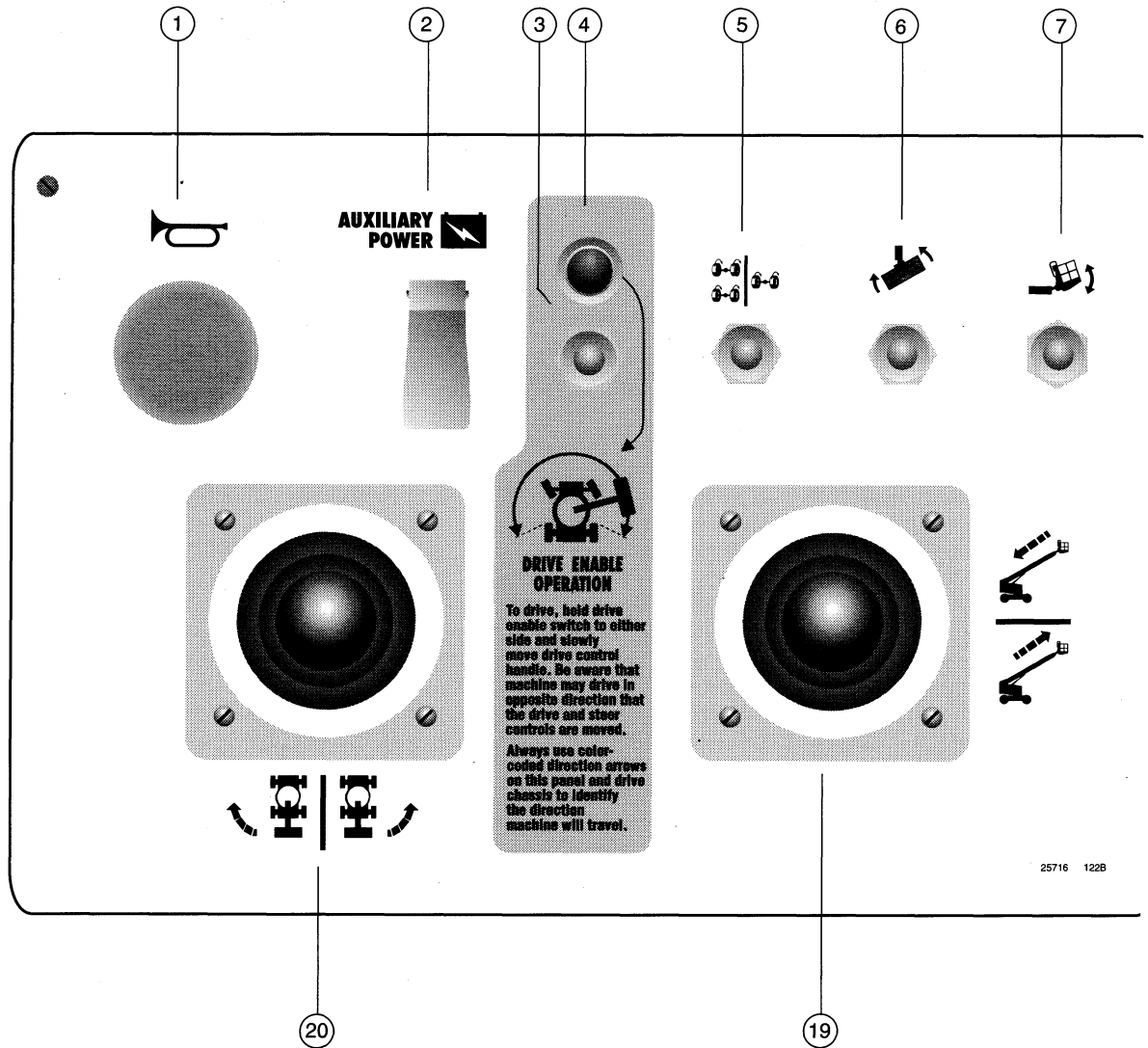
# Controls



## Ground Controls

- |  |  |
|--|--|
| 1 Auxiliary power switch with cover                    | 11 Boom extend/retract switch  |
| 2 Key switch for platform/off/ground selection         | 12 Manual platform level switch                                      |
| 3 Emergency Stop button                                | 13 Platform rotate switch  |
| 4 Hour meter (engine running only)                     | 14 Turntable rotate switch   |
| 5 Not used   | 15 Fuel selection indicator light, LPG<br>- gasoline/LPG models      |
| 6 Engine idle (rpm) control switch                     | 16 Fuel selection indicator light, gasoline<br>- gasoline/LPG models |
| 7 Engine start switch                                  | 17 Low engine oil pressure indicator light                           |
| 8 15A circuit breaker for engine circuits protection   | 18 Engine coolant overheat indicator light                           |
| 9 Boom up/down switch                                  |  |
| 10 15A circuit breaker for control circuits protection |  |

CONTROLS

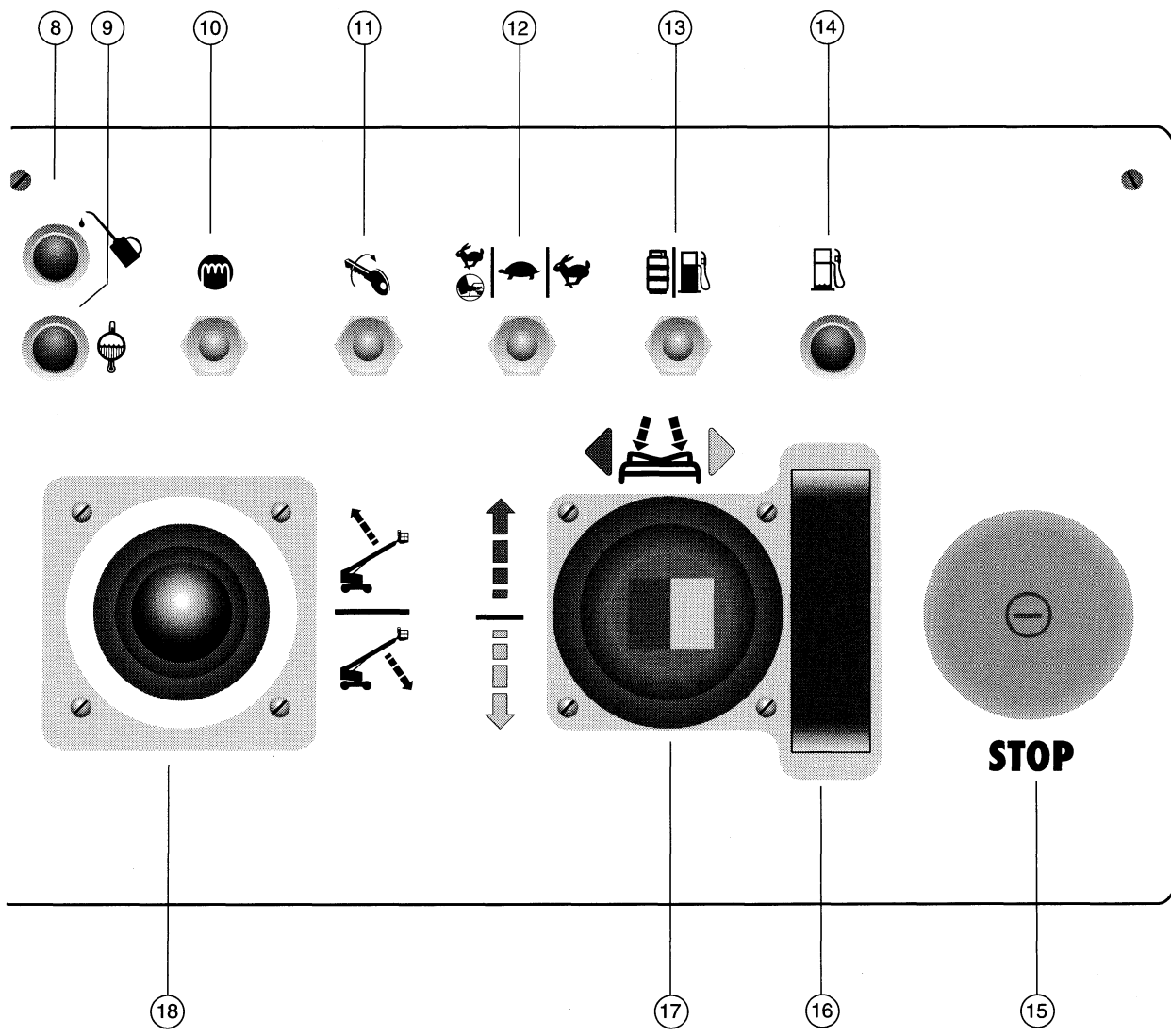


**Platform Controls**

- |                                     |   |
|-------------------------------------|---|
| 1 Service horn button               | 6 Platform rotate switch                  |
| 2 Auxiliary power switch with cover | 7 Manual platform level switch            |
| 3 Drive enable switch               | 8 Low engine oil pressure indicator light |
| 4 Drive enable indicator light      | 9 Engine coolant overheat indicator light |
| 5 Drive select switch               | 10 not used                               |
| - Two wheels: high range operation  | 11 Engine start switch                    |
| - Four wheels: low range operation  |   |



CONTROLS



- 12 Engine idle (rpm) control switch
  - Rabbit & Foot Switch: foot switch activated high idle
  - Turtle: low idle
  - Rabbit: high idle
- 13 LPG/gasoline switch
  - gasoline/LPG models
- 14 Low fuel warning light - gasoline only
- 15 Emergency Stop button

- 16 Wrist rest
- 17 Drive proportional control handle with steering thumb rocker switch
- 18 Boom up/down proportional control handle
- 19 Boom extend/retract proportional control handle
- 20 Turntable rotate proportional control handle

---

# Pre-operation Inspection & Function Tests



## Observe And Obey:

- Conduct a thorough pre-operation inspection and function test before each work shift.
- Immediately tag and remove from service a damaged or malfunctioning machine.
- Repair any machine damage or malfunctions before operating machine.

## Pre-operation Inspection

---

Be sure that all decals are legible and in place.

Be sure that operator's and safety manuals are legible and in the storage box located on the platform.

Check the engine oil, coolant and fuel levels.

Check for damage and improperly installed or missing parts:

- Electrical components, wiring and electrical cables
- Hydraulic hoses, fittings, cylinders and manifolds
- Fuel and hydraulic tanks
- Drive and turntable motors and torque hubs
- Boom extension cables and wear pads
- Dents or damage to boom
- Tires and wheels
- Engine and related components
- Limit switches, alarms, horns and beacons
- Nuts, bolts and other fasteners
- Platform entry mid-rail/gate
- Cracks in welds or structural components
- Compartment covers are in place and latched

Perform quarterly (or every 150 hours) and annual machine inspections. Keep records for three years. See *Genie S-60 Service Manual* for details.

PRE-OPERATION INSPECTION & FUNCTION TESTS

**Function Tests**

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

**At The Ground Controls**

- 2 Turn the key switch to ground control.
  - 3 Pull out the red Emergency Stop button to the ON position.
- ⊙ Result: Beacons should flash.
- 4 Start the engine (see *Starting The Engine*, page 13).

**Test Emergency Stop**

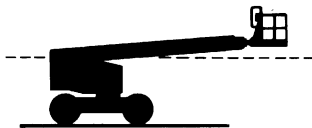
- 5 Push in the red Emergency Stop button to the OFF position.
- ⊙ Result: Engine should turn off and all functions should not operate.
- 6 Pull out the red Emergency Stop button to the ON position and restart the engine.

**Test The Machine Functions**

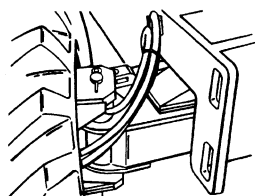
- 7 Activate each boom function toggle switch.
- ⊙ Result: All boom functions should operate through a full cycle. Descent alarm should sound while boom is lowering.

**Test Oscillate Lock-out (when equipped)**

- 8 Raise the boom to just above horizontal.



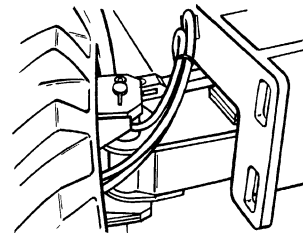
- ⊙ Result: The oscillation lock-out wedges should fully extend.



- 9 Lower boom to just below horizontal.



- ⊙ Result: The oscillation lock-out wedges should fully retract.



- 10 Extend the boom 3 ft (1m).

- ⊙ Result: The oscillation lock-out wedges should fully extend.

- 11 Fully retract the boom.

- ⊙ Result: The oscillation lock-out wedges should fully retract.

- 12 Rotate the turntable so that the boom moves to one side of the chassis.

- ⊙ Result: The oscillation lock-out wedges should fully extend when the boom moves past either of the non-steering wheels (figure 1).

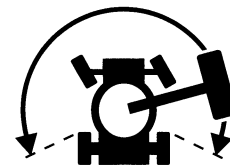


Figure 1

- The oscillation lock-out wedges should fully retract when the boom is between the non-steering wheels (figure 2).

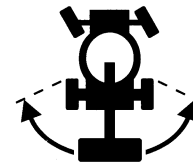
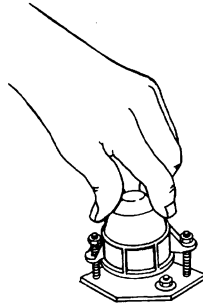


Figure 2

PRE-OPERATION INSPECTION & FUNCTION TESTS

**Test The Tilt Sensor**

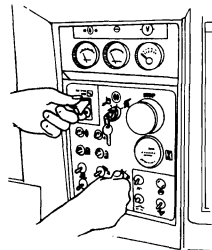
- 13 Pull out the platform red Emergency Stop button to the ON position.
- 14 Turn the key switch to platform control.
- 15 Open the engine side cover and press down on one side of the tilt sensor.



- ⊙ Result: The alarm, located in the platform, should sound.

**Test Auxiliary Controls**

- 16 Turn the key switch to ground control and shut the engine off.
- 17 Pull out the red Emergency Stop button to the ON position.
- ⊙ Result: Beacons should flash.
- 18 Lift the red auxiliary power switch cover.
- 19 Simultaneously hold auxiliary power switch ON and activate each boom function toggle switch.



Note: To conserve battery power, test each function through a partial cycle.

- ⊙ Result: All boom functions should operate.

Note: Oscillating axle equipped machines only:  
 From the stowed position, auxiliary power can not raise the boom above the drive limit switch. Auxiliary power can raise the boom if it is already raised above the drive limit switch.

**At The Platform Controls**

**Test Emergency Stop**

- 20 Turn the key switch to platform control and restart the engine.
- 21 Push in the platform red Emergency Stop button to the OFF position.
- ⊙ Result: The engine should turn off and all functions should **not** operate.
- 22 Pull out the red Emergency Stop button and restart the engine.

**Test The Service Horn**

- 23 Push in the horn button.
- ⊙ Result: The service horn should sound.

**Test The Foot Switch**

- 24 Do **not** press down on the foot switch; operate each machine function.
- ⊙ Result: Machine functions should **not** operate.

**Test The Boom And Platform Functions**

- 25 Press down the foot switch.
- 26 Activate each boom function control handle and platform function toggle switch.
- ⊙ Result: All boom/platform functions should operate through a full cycle.

PRE-OPERATION INSPECTION & FUNCTION TESTS

**Test The Steering**

- 27 Press down the foot switch.
- 28 Depress the thumb rocker switch on top of the drive control handle in the direction identified by the blue triangle on the panel.
  - ⊙ Result: The steer wheels should turn in the direction that the blue triangles point on the chassis.
- 29 Depress the thumb rocker switch in the direction identified by the yellow triangle on the panel.
  - ⊙ Result: Steer wheels should turn in the direction that the yellow triangles point on the chassis.

**Test Drive And Braking**

- 30 Press down the foot switch.
- 31 Slowly move the drive control handle off center to increase speed.

Note: Use the color-coded direction arrows on the platform controls and the drive chassis to control the direction of travel.

- ⊙ Result: The travel alarm should sound when the drive control handle is moved off center.
- 32 Gradually return the handle to center to decrease speed.
  - ⊙ Result: The machine should come to a complete stop when the drive control handle is returned to the center position.

**Test The Drive Enable System**

- 33 Press down the foot switch. Then fully lower and retract the boom.

- 34 Rotate the turntable until the boom moves past one of the non-steering wheels (figure 1).

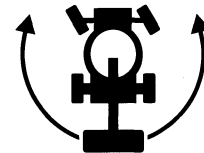


figure 1

- ⊙ Result: The drive enable indicator light should come on and remain on while the boom is anywhere in the range shown in figure 2.

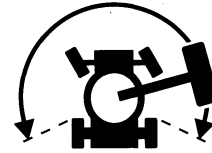
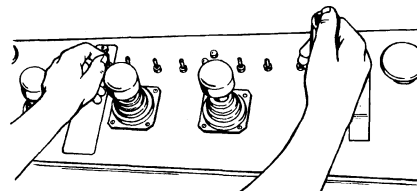


figure 2

- 35 Move the drive control handle off center.

- ⊙ Result: The drive function should **not** operate.

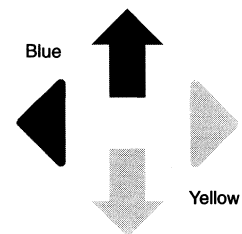
- 36 Move and hold the drive enable toggle switch to either side and slowly move the drive control handle off center.



- ⊙ Result: The drive function should operate.

Note: When the drive enable system is in use, the machine may drive in the opposite direction that the drive and steer control handle is moved.

Use the color-coded direction arrows on the platform controls and the drive chassis to control the direction of travel.

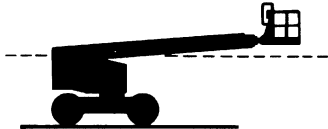


## PRE-OPERATION INSPECTION &amp; FUNCTION TESTS

**Test Limited Drive Speed**

37 Press down the foot switch.

38 Raise the boom to just above horizontal.



39 Slowly move the drive control handle to the full drive position.

- ⊙ Result: The maximum achievable drive speed with the boom raised should not exceed 1 foot per second (0.3 meters per second).

40 Lower the boom to just below horizontal.



41 Extend the boom 3 feet (1m).

42 Slowly move the drive control handle to the full drive position.

- ⊙ Result: The maximum achievable drive speed with the boom extended should not exceed 1 foot per second (0.3 meters per second).

If the drive speed with the boom raised or extended exceeds 1 foot per second (0.3 meters per second), immediately tag and remove the machine from service

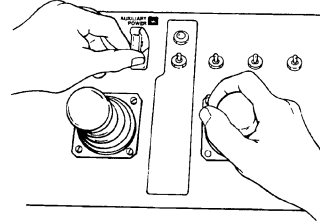
**Test Auxiliary Controls**

43 Shut off the engine.

44 Pull out the red Emergency Stop button to the ON position.

45 Press down the foot switch.

46 Lift the red auxiliary power switch cover.



47 Simultaneously hold auxiliary power switch on and activate each boom function control handle or toggle switch.

Note: To conserve battery power, test each function through a partial cycle.

- ⊙ Result: All boom and steer functions should operate. Drive functions should **not** operate with auxiliary power.

48 Repair any malfunctions before operating the machine.

# Operating Instructions



## Before Each Use:

- ☑ Read, understand and obey all safety rules (see *Safety Rules*, page 1).
- ☑ Conduct a thorough pre-operation inspection of the machine (see *Pre-operation Inspection*, page 8).
- ☑ Test all machine functions for proper operation (see *Function Tests*, page 9).
- ☑ Repair any machine damage or malfunctions before operating the machine.

## Starting The Engine

- 1 At ground controls, turn key switch to desired position.
- 2 Be sure both ground and platform control red Emergency Stop buttons are pulled out to the ON position.
- 3 Gasoline/LPG models: Select fuel by moving switch at platform controls to desired position.
- 4 Move start toggle switch to left or right. If engine fails to start or dies, the restart delay will disable start switch for 3 seconds.

If engine fails to start after 15 seconds of cranking, determine cause and repair any malfunction. Wait 60 seconds before trying to start again.

All models: In extreme cold conditions, 20°F (-6°C) and below, warm engine for 5 minutes to prevent hydraulic system damage.

## Engine Idle Select (rpm)

Select engine rpm mode using symbols on control panel.

- Rabbit and foot switch symbol: foot switch activated high idle
- Turtle symbol: low idle
- Rabbit symbol: high idle

## Emergency Stop

Push in either ground or platform red Emergency Stop button to the OFF position to stop all functions and turn engine off.

Repair any function that operates when Emergency Stop button is pushed in.

Selecting and operating ground controls will override platform Emergency Stop button.

## Auxiliary Controls

Use auxiliary power only if primary power source (engine) fails.

- 1 Turn key switch to ground or platform control.
- 2 Pull out red Emergency Stop button to the ON position.
- 3 Press down foot switch when operating auxiliary controls from platform.
- 4 Simultaneously hold auxiliary power switch on and activate desired function.

The drive function will not operate with auxiliary power.

## Operation From Platform

- 1 Turn key switch to platform control.
- 2 Start engine. Do not press down foot switch when starting engine.

## OPERATING INSTRUCTIONS

Avoid discharging the battery. If engine fails to start after 15 seconds of cranking, determine cause and repair any malfunctions.

### To Position Platform

- 1 Press down foot switch.
- 2 Slowly move appropriate function control handle or toggle switch according to markings on control panel.

### To Steer

Steer wheels are not self-centering.

- 1 Press down foot switch.
- 2 Turn steering wheels with thumb rocker switch located on top of drive control handle.

Use color-coded direction arrows on platform controls and drive chassis to identify direction wheels will turn.

### To Drive

- 1 Press down foot switch.
- 2 Increase Speed: Slowly move drive control handle off center.

Decrease Speed: Slowly move drive control handle toward center.

Stop: Return drive control handle to center or release foot switch.

Use color-coded direction arrows on platform controls and drive chassis to identify direction machine will travel.

Machine travel speed is restricted when boom is raised or extended.

### Drive Enable

Light ON indicates that boom has moved just past either non-steering wheel and drive function has been interrupted.

To drive, hold drive enable switch to either side and slowly move drive control handle.

Be aware that machine may move in opposite direction that drive and steer controls are moved.

Always use color-coded direction arrows on platform controls and drive chassis to identify direction machine will travel.

### Drive Range Select

Two-wheel symbol: high range operation for maximum drive speed.

Four-wheel symbol: low range operation for rough terrain and inclines.

## Oscillating Axle (when equipped)

Oscillating axle will lock out automatically when the boom is raised, extended or turntable is rotated.

No manual engagement is required.

## Stopping The Engine

Push in red Emergency Stop button and turn key switch to OFF position.

## After Each Use

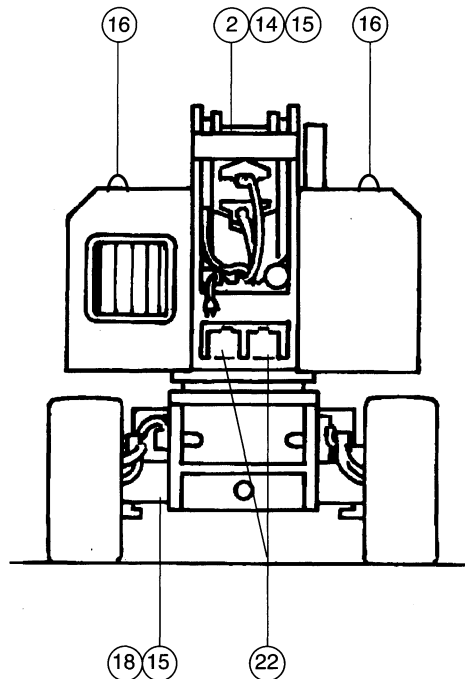
- 1 Select a safe parking location—firm level surface, clear of obstruction and traffic.
- 2 Retract and lower boom to stowed position.
- 3 Rotate turntable so that the boom is between the non-steering wheels.
- 4 Turn key switch to OFF position and remove key to secure from unauthorized use.
- 5 Chock wheels.



# Maintenance Inspection

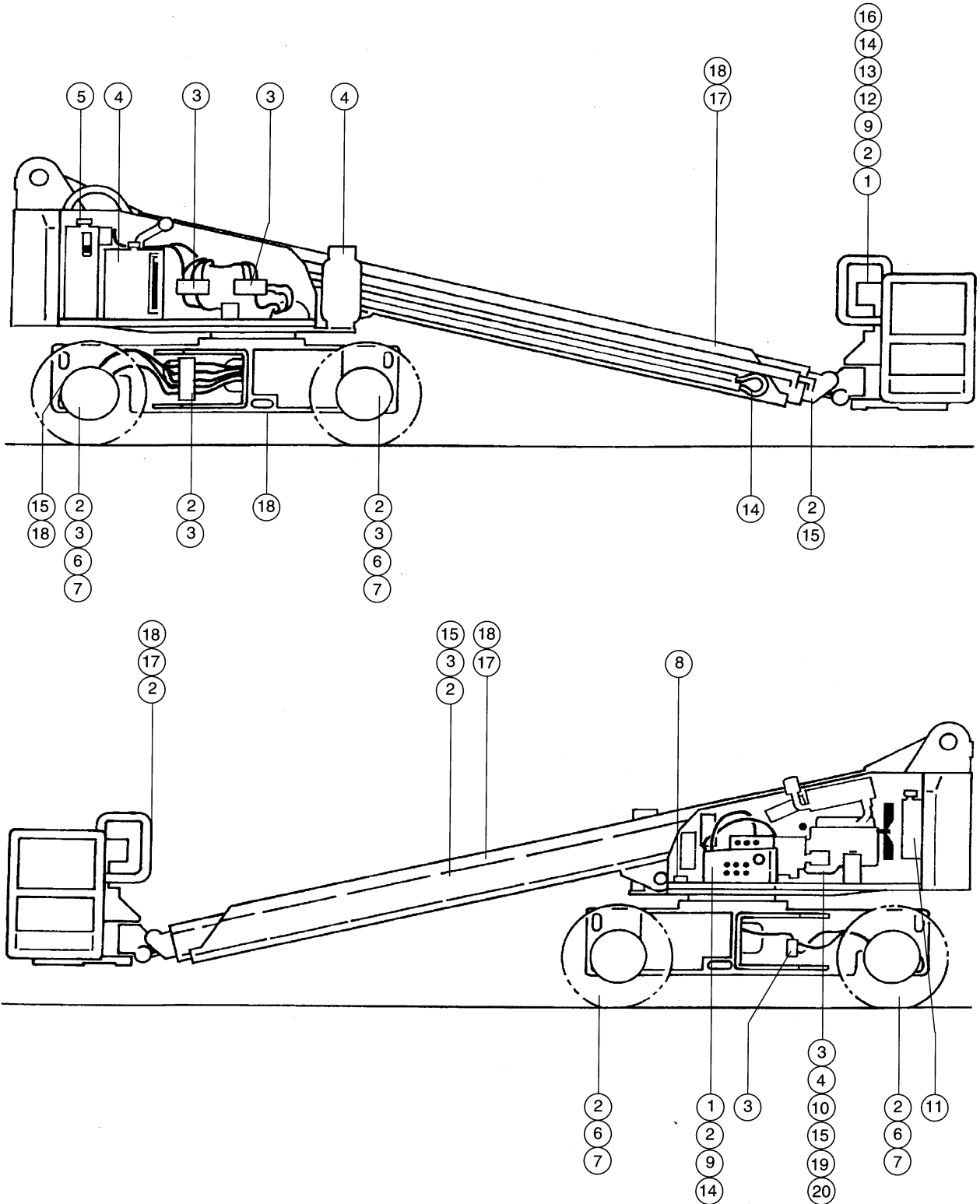


- ☑ The Maintenance Inspection shall be completed daily by a person trained and qualified on the maintenance of this machine.
- ☑ Immediately tag and remove from service a damaged or malfunctioning machine.
- ☑ Repair any machine damage or malfunctions before operating machine.



This illustration and the illustrations on the following page correspond to the Daily Check List on page 17.

MAINTENANCE INSPECTION



MAINTENANCE INSPECTION

### Daily Check List

Make copies of this checklist to use for each inspection.

Index No.		Index No.	
<input type="checkbox"/>	Inspect decals and placards for damage and legibility (see <i>Decals</i> , page 18).	<input type="checkbox"/>	15 Check that all structural and other critical components are present and all associated fasteners and pins are in place and properly tightened.
<input type="checkbox"/>	1 Check platform and ground control operation.	<input type="checkbox"/>	16 Check descent alarms, travel alarms and flashing beacons operation.
<input type="checkbox"/>	2 Inspect for damage and loose or missing parts.	<input type="checkbox"/>	17 Check for dents or damage to platform and boom.
<input type="checkbox"/>	3 Inspect hydraulic components for leaks and damage.	<input type="checkbox"/>	18 Inspect all welds and structural surfaces for visible cracks.
<input type="checkbox"/>	4 Check fuel level(s) and inspect for fuel leaks.		
<input type="checkbox"/>	5 Check hydraulic oil level.		
<input type="checkbox"/>	6 Check air-filled tire pressure —60 psi (4.14bar)		
<input type="checkbox"/>	7 Check wheel lug nuts, torque to 125 ft-lbs (169.5Nm).		
<input type="checkbox"/>	8 Check tilt sensor and alarm operation.		
<input type="checkbox"/>	9 Check auxiliary power operation.		
<input type="checkbox"/>	10 Check engine oil level and inspect for leaks.		
<input type="checkbox"/>	11 Check engine coolant level and inspect for leaks.		
<input type="checkbox"/>	12 Check drive brake operation.		
<input type="checkbox"/>	13 Check drive limit switch operation.		
<input type="checkbox"/>	14 Check electrical cables and wiring for frays, abrasions or other physical damage.		
			<b>Every 100 Hours</b>
		<input type="checkbox"/>	19 Change engine oil and oil filter (gasoline/LPG models).
		<input type="checkbox"/>	20 Change engine air filter (gasoline/LPG models).
			Notes: Perform quarterly (or every 150 hours) and annual machine inspections. Keep records for three years. See <i>Genie S-60 Service Manual</i> for details.
			Inspected By: _____
			Date: _____
			Serial No. _____

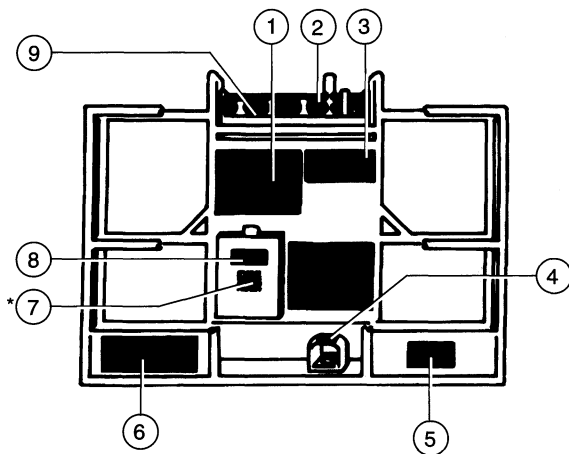
# Decals

Index No.	Part No.	Quantity	Description	Index No.	Part No.	Quantity	Description
1	28166	2	Danger - General Safety Rules	18	28171	4	<b>Gasoline/LPG Models</b>
2	29492	1	Notice - Operating Instructions, Platform Controls			2	<b>Diesel Models</b>
3	27569	2	Notice - Pre-operation Inspection & Function Tests	19	28179	2	Warning - Do Not Alter Limit Switch
4	28165	1	Notice - Foot Switch Operation	20	28172	1	Warning - Pinch Point At Rotation Gear
5	28163	2	Notice - Maximum Allowable Side Force	21	28160	2	<b>Gasoline/LPG Models</b>
6	28169	2	<b>6 Foot Platform</b>				Notice - Liquid Petroleum Gas
			Notice - Maximum Load 660 lbs	22	28240	12	Warning - Shear Point, Inspection Holes
	29572	2	<b>8 Foot Platform</b>				Notice - Maximum Load 550 lbs
7	28176	1	Notice - If Manuals Are Not Here . . .	23	28241	2	Warning - Improper Adjustments
8	28236	1	Warning - Failure To Read Manuals . . .	24	28177	2	Warning - Crushing Hazard, Platform Rotate
9	25716	1	Platform Control Panel	25	28168	4	Notice - Tire Pressure
10	28178	2	Warning - Shear Point, Turntable Lock	26	28161	5	Warning - Crushing Hazard
11	27207	2	Triangle, Yellow	27	28235	2	<b>115V Power To Platform</b>
12	27205	1	Arrow, Yellow		28174	2	<b>220V Power To Platform</b>
13	27206	2	Triangle, Blue	28	28181	1	Warning - No Step Or Ride
14	27204	1	Arrow, Blue	29	28167	1	Notice - Operating Instructions, Ground Controls
15	27564	4	Danger - Electrocution Hazard	30	28164	1	Notice - Hazardous Materials
16	28175	4	Caution - Compartment Access	31	28157	1	Notice - Use Dexron
17	28158	2	<b>Gasoline/LPG Models</b>				Notice - Unleaded Gasoline
	28159	2	<b>Diesel Models</b>				Notice - Diesel Fuel

DECALS

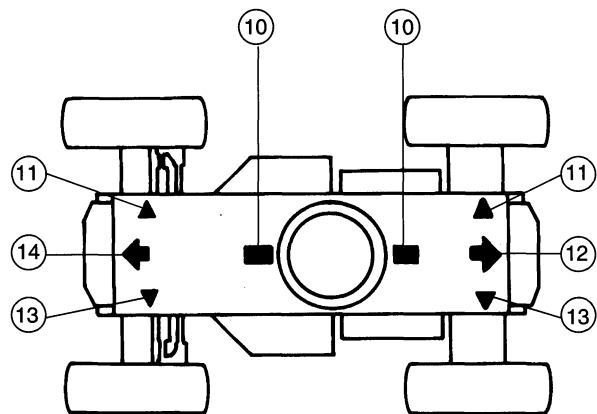
Index No.	Part No.	Quantity	Description	Index No.	Part No.	Quantity	Description
32	25994	2	Caution - Component Damage Hazard	37	29782	1	<b>Deutz Diesel Models</b> Notice - Engine Specifications
33	27565	1	Serial Number Plate	38	28162	1	<b>Gasoline/LPG Models</b> Warning - Moving Engine Parts Hazard
34	28170	1	Warning - Battery Safety Rules	39	28238	1	<b>Gasoline/LPG Models</b> Notice - Engine Specifications
35	25690	1	Ground Control Panel	40	28173	1	Danger - Keep Out Of Mast Storage Area
36	28162	1	<b>Deutz Diesel Models,</b> Warning - Moving Engine Parts Hazard				

**Platform**



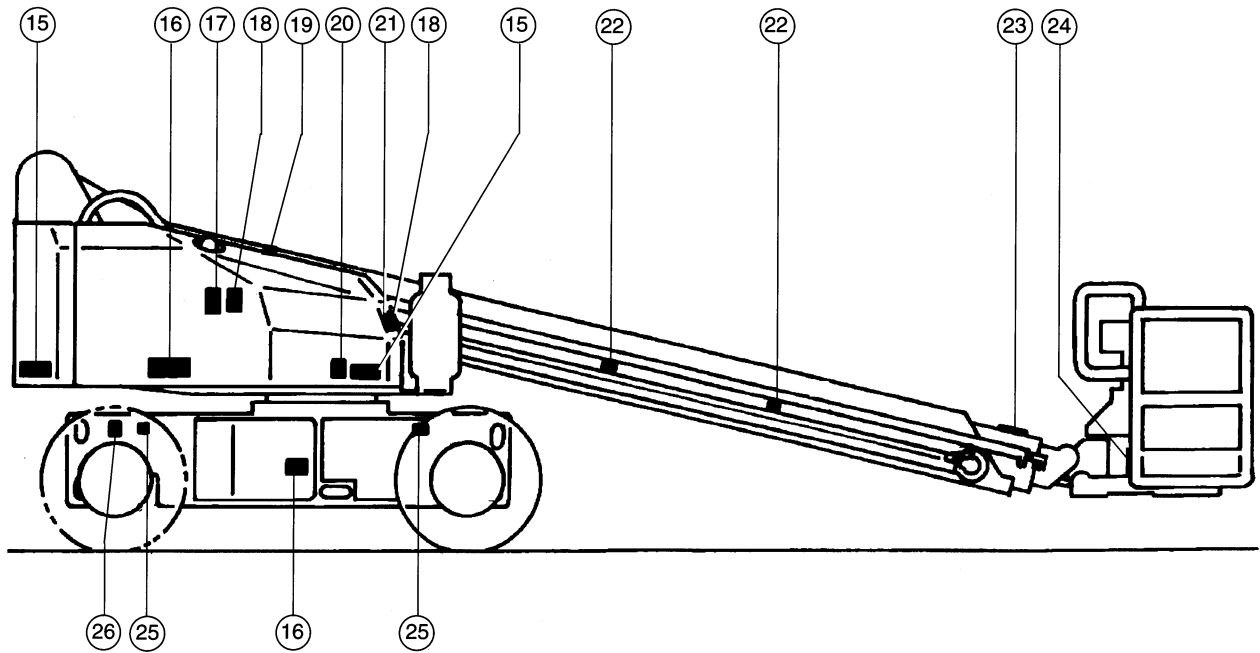
\* Decal concealed from view

**Chassis - Top**

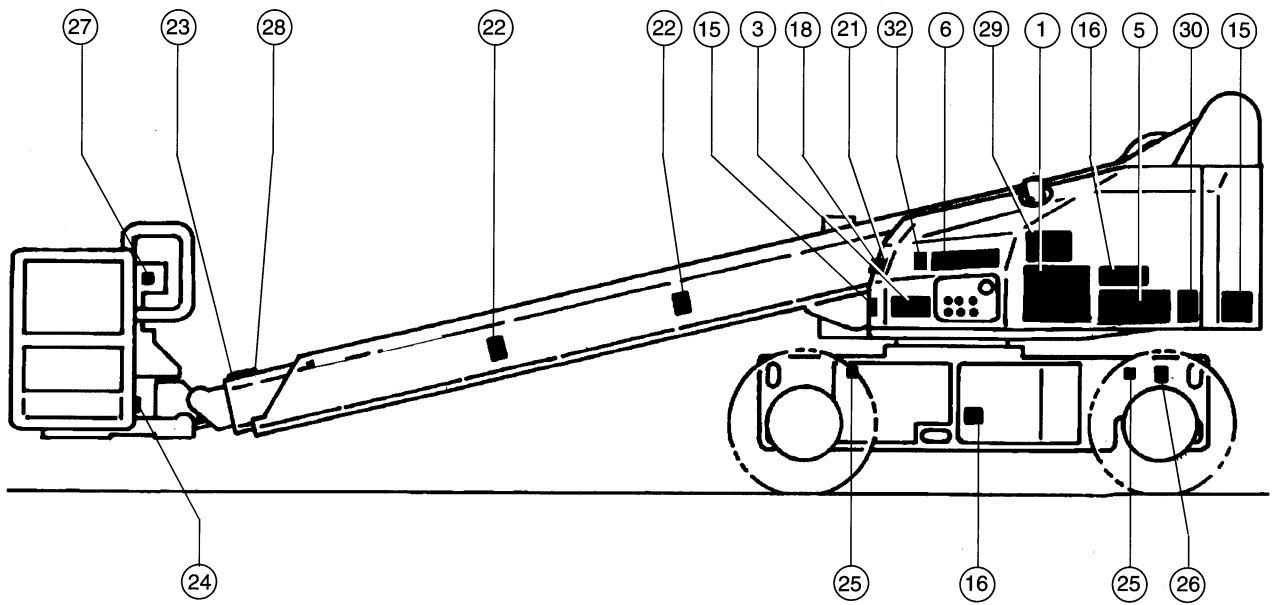


DECALS

**Right Side**

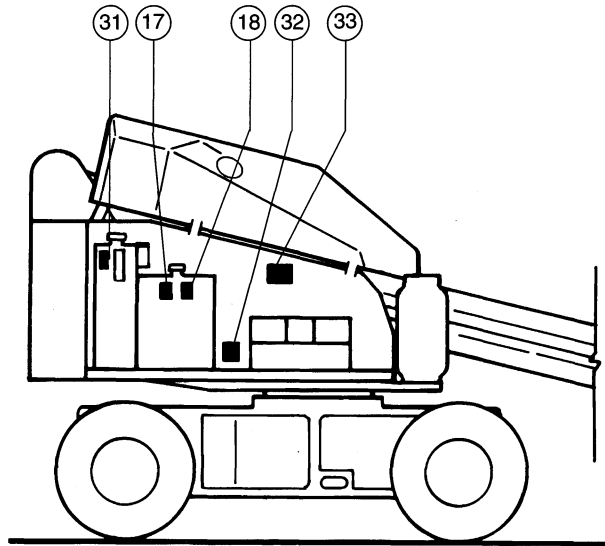


**Left Side**

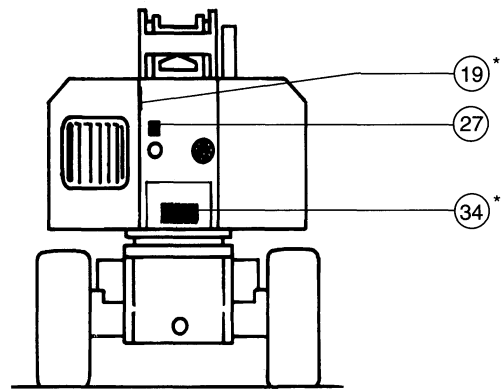


DECALS

**Turntable - Left Side**

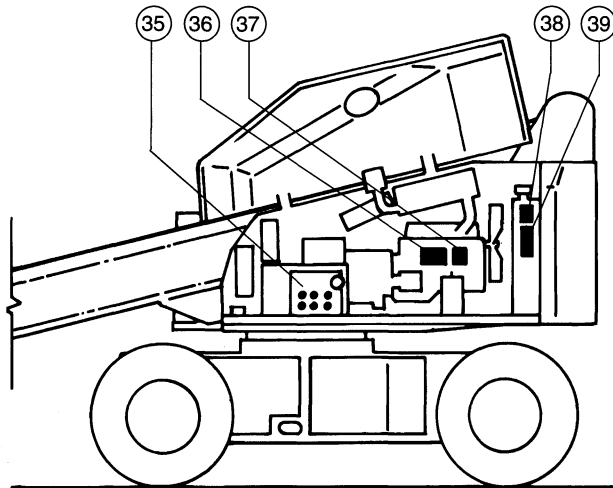


**Turntable - Steering Axle End**

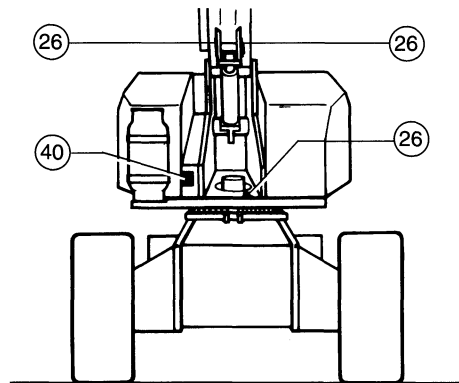


\* Decal concealed from view

**Turntable - Right Side**



**Turntable - Non-steering Axle End**



# Transport



## Observe And Obey:

- Transport vehicle must be parked on a level surface.
- Transport vehicle must be secured to prevent rolling while machine is being loaded.
- Be sure vehicle capacity and loading surfaces are sufficient to support machine weight (see *Specifications*, page 24).

## Securing To Truck Or Trailer For Transit

Always use the turntable rotation lock each time the machine is transported.

Always chock machine wheels in preparation for transport.

Use tie points on chassis for anchoring down to transport surface.

Use lower platform mount between boom end and platform to secure boom from side-to-side movement. Do not use excessive down force when securing boom section.

Use chains or straps of ample load capacity.

Turn key switch to the off position and remove key before transporting.

Inspect entire machine for loose or unsecured items.

## Free-wheel Configuration For Winching

Chock wheels to prevent machine from rolling.

Release rear brakes by turning over torque hub disconnect caps (detail 1, page 23).

4WD Model: Open pump free-wheel valve by turning counterclockwise two turns (detail 2, page 23).

Be sure winch line is properly secured to chassis tie points and path is clear of all obstruction.

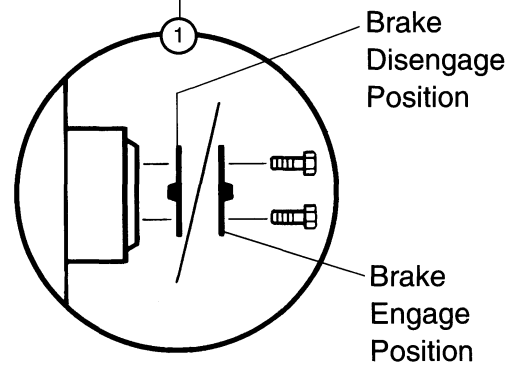
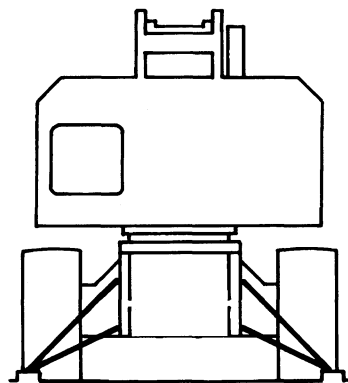
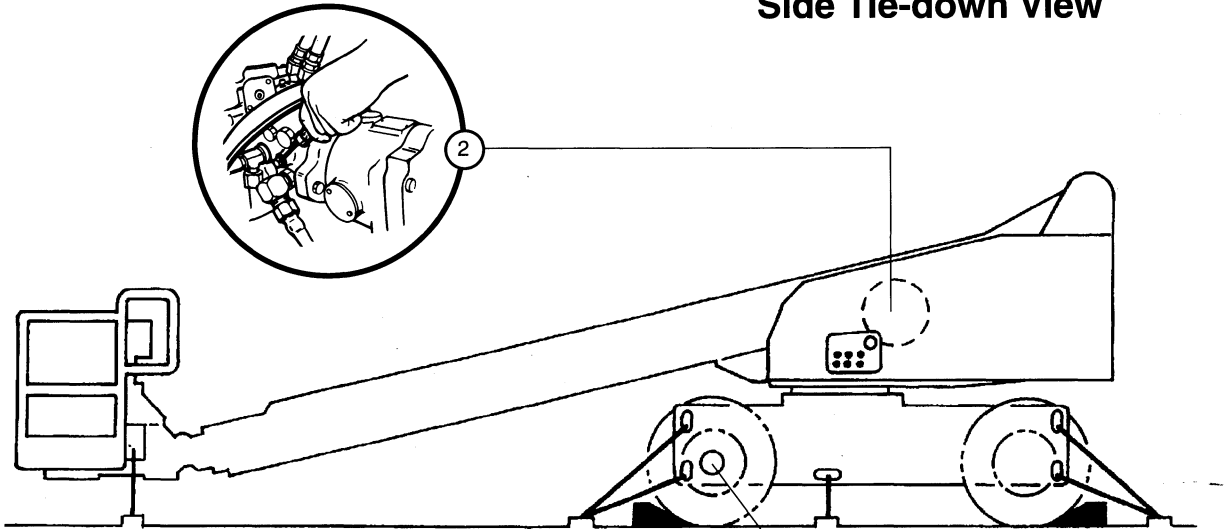
Reverse procedures described for details 1 and 2 to re-engage brakes.

Note: Towing of the Genie S-60 is not recommended. If machine must be towed, do not exceed 2 mph (3.2km/h).



TRANSPORT

**Side Tie-down View**



**End Tie-down View**

# Specifications

Model	2WD	4WD			
Platform dimensions, 6 foot (length x width)			30 x 72 in 76 x 182cm	30 x 72 in 76 x 182cm	
Height, working maximum	66 ft 20.1m	66 ft 20.1m			
Platform dimensions, 8 foot (length x width)			36 x 96 in 91 x 244cm	36 x 96 in 91 x 244cm	
Height, platform maximum	60 ft 18.3m	60 ft 18.3m			
Platform leveling			self-leveling	self-leveling	
Height, stowed maximum	8 ft 4 in 2.5m	8 ft 4 in 2.5m			
Platform rotation			160°	160°	
Horizontal reach maximum	51 ft 9 in 15.8m	51 ft 9 in 15.8m			
AC outlet in platform			standard	standard	
Width	7 ft 6 in 2.3m	7 ft 6 in 2.3m			
Hydraulic pressure, maximum (boom functions)			2800 psi 193 bar	2800 psi 193 bar	
Length, stowed	26 ft 8 in 8.1m	26 ft 8 in 8.1m			
Tires			15 x 19.5 12-ply	15 x 19.5 12-ply	
Lift capacity 6 foot platform	660 lbs 300kg	660 lbs 300kg			
Gradability, stowed			20%	35%	
Lift capacity 8 foot platform	550 lbs 250kg	550 lbs 250kg			
Ground clearance			12 in 30.5cm	12 in 30.5cm	
Wheelbase	8 ft 2.4m	8 ft 2.4m			
Hydraulic tank capacity			50 gallons 189 liters	50 gallons 189 liters	
Turning radius (outside)	20 ft 4½ in 6.2m	20 ft 4½ in 6.2m			
Fuel tank capacity			50 gallons 189 liters	50 gallons 189 liters	
Turning radius (inside)	11 2½ ft 3.4m	11 2½ ft 3.4m			
Weight			25700 lbs 11660kg	25700 lbs 11660kg	
Turntable rotation (degrees)			continuous		
Turntable tailswing	36 in 91cm	36 in 91cm			
Power source (choice)	Ford 63 Hp gasoline/LPG LSG-423 Deutz 56 Hp diesel F4L 1011				
Travel speed, stowed gasoline/LPG models	0 to 4.5 mph 0 to 7.2km/h	0 to 4.5 mph 0 to 7.2km/h			
Travel speed, stowed Deutz Diesel models	0 to 3.9 mph 0 to 6.3km/h	0 to 3.9 mph 0 to 6.3km/h			
Travel speed, raised all models	0 to 0.6 mph 0 to 1.0km/h	0 to 0.6 mph 0 to 1.0km/h			
Controls	12V DC proportional				

**Continuous improvement of our products is a Genie policy. Product specifications are subject to change without notice or obligation.**



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