Genie®
A TEREX BRAND

Operator's Manual Supplement

Lift Guard™ Contact Alarm

GS™-30
GS™-32
GS™-46
GS™-47

First Edition
Second Printing
Part No. 1288739GT

Introduction

Lift Guard Contact Alarm System

The Lift Guard Contact Alarm system is designed to alert the operator, occupants and ground personnel to a potential hazard when an obstruction makes contact with the secondary guarding system. Machine movement will be interrupted, an audible alarm sounds and the beacon lights flash.

After the contact alarm is activated, the operator can acknowledge the hazard and continue operating the machine. The operator must release the function enable switch and return the joystick to the center position. Functions will resume operation at reduced speeds allowing the operator to continue to raise or drive the machine. The audible alarm and beacons will deactivate when the red Emergency Stop button is pushed into the off position.



Danger

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

Note: These installation instructions only apply to the Genie models listed below:

GS-1530, GS-1532, GS-1930, GS-1932, GS-2032, GS-2632, GS-3232, GS-2046, GS-2646, GS-3246, GS-4047

Introduction

⚠ Contact Alarm Safety

Read, understand and obey all warnings and instructions provided with the contact alarm.

Do not exceed the rated platform capacity. The weight of the contact alarm assembly will reduce the rated platform capacity and must be subtracted from the total platform load.

The standard contact alarm configuration weighs 20 lbs/9 kg. Each additional contact alarm assembly added to the platform weighs 3 lbs/1.4 kg.

Note: The standard configuration consist of two contact alarm assemblies attached to the platform.

Be sure the contact alarm is securely installed.

When the contact alarm assembly is attached, this manual should be considered a permanent part of your machine and should remain with the machine at all times.

The contact alarm assembly should never be mounted above the decal plate of the extension deck or above the platform entry.

Symbol and Hazard Pictorials Definitions



Standard contact Alarm weight.
20 lbs/9 kg.

Each additional contact alarm assembly.
3 lbs/1.4 kg



Read the supplement manual, part number 1288739GT.

Pre-operation Inspection

- ❑ Be sure that the operator's, safety manual, responsibilities manual and any necessary supplements are complete, legible and in the storage container located in the platform.
- ❑ Be sure that all decals are legible and in place.

Check the Contact Alarm for damage, improperly installed or missing parts and unauthorized modifications.

- ❑ Nuts, bolts and other fasteners
- ❑ Wiring, cables and Contact Alarm components
- ❑ Cracks in structural components
- ❑ Dents or damage to the Contact Alarm

Introduction

Function Test

Note: Perform this procedure from the platform controls in an area free of obstructions.

1 Activate platform up. Move and hold the contact alarm in any direction.

⊙ Platform up function stops, the beacons flash and the alarm sounds.

2 While holding the contact alarm, release the joystick. Activate platform up.

⊙ Platform up function resumes at a reduced speed. The beacons flash and the alarm sounds.

3 Release the joystick and the contact alarm. Activate platform up.

⊙ Normal platform function speed resumes, the beacons and alarm turn off.

4 Activate the drive function. Move and hold the contact alarm in any direction.

⊙ Drive function stops, the beacons flash and the alarm sounds.

5 While holding the contact alarm, release the joystick. Activate drive.

⊙ Drive function resumes at a reduced speed. The beacons flash and the alarm sounds.

6 Release the joystick and contact alarm. Activate drive.

⊙ Normal drive function resumes, the beacons and alarm turn off.

Operating Instructions

Operating Instructions

Contact alarm activated, beacon lights flash and an audible alarm sounds. Lift and drive functions will not operate from the platform controls.

Note: The potential hazard must be acknowledged by the operator to continue operating the machine. After the potential hazard has been acknowledged, machine functions will resume operation at reduced speeds.

Platform Controls Operation

1 Return the joystick to the center position and release the function enable switch to acknowledge the potential hazard.

2 Continue machine functions to reach the working location or to move the machine away from the potential hazard.

Note: To restore machine functions after the Contact Alarm has been activated, the machine must be driven or lowered until the actuator arm is deactivated. Pushing in the red Emergency Stop button to the off position will not restore machine functions, this action will only turn off the Contact Alarm lights and alarm.

Installation Instructions

Observe and Obey:

- ☑ This procedure shall be completed by a person authorized to install the Contact Alarm.
- ☑ Immediately tag and remove from service a damaged or malfunctioning machine.
- ☑ Repair any machine damage or malfunction before operating the machine.

Before Starting Installation:

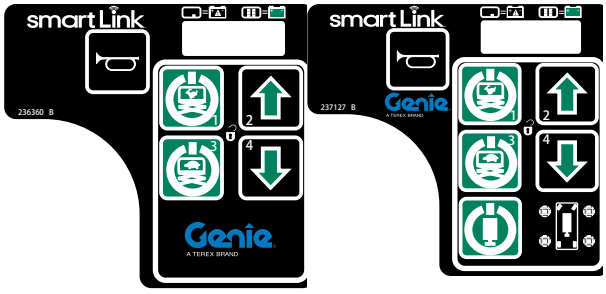
- ☑ Read, understand and obey the safety rules and operating instructions in the appropriate operator's manual.
- ☑ Be sure that all necessary tools and parts are available and ready for use.
- ☑ Read this procedure completely and adhere to the instructions. Attempting shortcuts may produce hazardous conditions.

Attention:

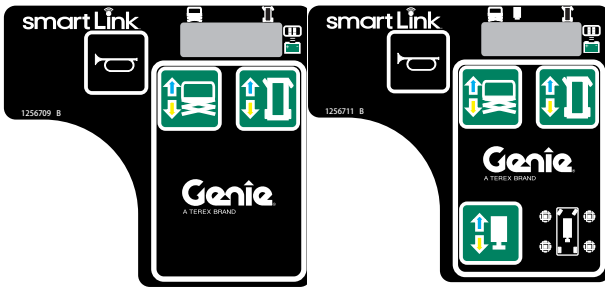
The Lift Guard™ Contact Alarm can only be installed on machines with the "Proportional Lift" control system.

It is not compatible with "2 Speed Lift" control systems.

Refer to the illustrations to determine which control system is on the machine.



2 Speed Lift



Proportional Lift

Installation Instructions

Tools Required:

3/8 inch wrench

7/16 inch wrench

3/8 inch socket

7/16 inch socket

Ratchet

Cable tie gun or wire cutters

Center punch

Deburring tool

17/64 inch drill bit

Drill motor

Locking C-Clamp

Torx T10 screwdriver

Cat5 Ethernet Cable

PC or Laptop with an Ethernet Port and Internet Browser

Contents of Kit 1288736GT

GS-1530 / GS-1532 (14.5 inch / 37 cm)

Description	Genie part number	Qty.
Cable tie, 7.375 inch / 19 cm	6578GT	40
Button cable tie, 14.75 inch / 37,5 cm	56361GT	8
Cable tie mount, 6.5 inch / 16,5 cm	110149GT	2
Flange nut, 1/4-20, G, ZAG	824027GT	4
Screw, HHF, 1/4-20 x .75, 8, ZAG	824078GT	4
Assembly, lift guard	1287673GT	2
Harness, GS30 platform	1288570GT	1
Chassis to platform cable	1288571GT	1
Cable, 20 inch link	1288572GT	1
Harness, E-STOP splice	1288573GT	1
Cable, 45 inch link	1288574GT	1
Cable guide forming	1290504GT	1
Cable guide forming	1291461GT	1
Manual, Supplement	1288739GT	1

Contents of Kit 1293676GT

GS-1530 / GS-1532 (36 inch / 91 cm)

Description	Genie part number	Qty.
Cable tie, 7.375 inch / 19 cm	6578GT	40
Button cable tie, 14.75 inch / 37,5 cm	56361GT	8
Cable tie mount, 6.5 inch / 16,5 cm	110149GT	2
Flange nut, 1/4-20, G, ZAG	824027GT	4
Screw, HHF, 1/4-20 x .75, 8, ZAG	824078GT	4
Harness, GS30 platform	1288570GT	1
Chassis to platform cable	1288571GT	1
Cable, 20 inch link	1288572GT	1
Harness, E-STOP splice	1288573GT	1
Cable, 45 inch link	1288574GT	1
Cable guide forming	1290504GT	1
Cable guide forming	1291461GT	1
Assembly, contact alarm	1292500GT	2
Manual, Supplement	1288739GT	1

Installation Instructions

Contents of Kit 1288737GT

GS-1930 / GS-1932 (14.5 inch / 37 cm)

Description	Genie part number	Qty.
Cable tie, 7.375 inch / 19 cm	6578GT	40
Button cable tie, 14.75 inch / 37,5 cm	56361GT	8
Cable tie mount, 6.5 inch / 16,5 cm	110149GT	2
Flange nut, 1/4-20, G, ZAG	824027GT	4
Screw, HHF, 1/4-20 x .75, 8, ZAG	824078GT	4
Assembly, lift guard	1287673GT	2
Harness, GS30 platform	1288570GT	1
Cable, 20 inch link	1288572GT	1
Harness, E-STOP splice	1288573GT	1
Cable, 45 inch link	1288574GT	1
Chassis to platform cable	1288726GT	1
Cable guide forming	1290504GT	1
Cable guide forming	1291461GT	1
Manual, Supplement	1288739GT	1

Contents of Kit 1288738GT

GS-2032 (14.5 inch / 37 cm)

Description	Genie part number	Qty.
Cable tie, 7.375 inch / 19 cm	6578GT	40
Button cable tie, 14.75 inch / 37,5 cm	56361GT	8
Cable tie mount, 6.5 inch / 16,5 cm	110149GT	2
Flange nut, 1/4-20, G, ZAG	824027GT	4
Screw, HHF, 1/4-20 x .75, 8, ZAG	824078GT	4
Assembly, lift guard	1287673GT	2
Cable, 20 inch link	1288572GT	1
Harness, E-STOP splice	1288573GT	1
Cable, 45 inch link	1288574GT	1
Chassis to platform cable	1288727GT	1
Harness, GS32 platform	1288740GT	1
Cable guide forming	1290505GT	1
Cable guide forming	1291462GT	1
Manual, Supplement	1288739GT	1

Contents of Kit 1293677GT

GS-1930 / GS-1932 (36 inch / 91 cm)

Description	Genie part number	Qty.
Cable tie, 7.375 inch / 19 cm	6578GT	40
Button cable tie, 14.75 inch / 37,5 cm	56361GT	8
Cable tie mount, 6.5 inch / 16,5 cm	110149GT	2
Flange nut, 1/4-20, G, ZAG	824027GT	4
Screw, HHF, 1/4-20 x .75, 8, ZAG	824078GT	4
Harness, GS30 platform	1288570GT	1
Cable, 20 inch link	1288572GT	1
Harness, E-STOP splice	1288573GT	1
Cable, 45 inch link	1288574GT	1
Chassis to platform cable	1288726GT	1
Cable guide forming	1290504GT	1
Cable guide forming	1291461GT	1
Assembly, contact alarm	1292500GT	2
Manual, Supplement	1288739GT	1

Contents of Kit 1293678GT

GS-2032 (36 inch / 91 cm)

Description	Genie part number	Qty.
Cable tie, 7.375 inch / 19 cm	6578GT	40
Button cable tie, 14.75 inch / 37,5 cm	56361GT	8
Cable tie mount, 6.5 inch / 16,5 cm	110149GT	2
Flange nut, 1/4-20, G, ZAG	824027GT	4
Screw, HHF, 1/4-20 x .75, 8, ZAG	824078GT	4
Cable, 20 inch link	1288572GT	1
Harness, E-STOP splice	1288573GT	1
Cable, 45 inch link	1288574GT	1
Chassis to platform cable	1288727GT	1
Harness, GS32 platform	1288740GT	1
Cable guide forming	1290505GT	1
Cable guide forming	1291462GT	1
Assembly, contact alarm	1292500GT	2
Manual, Supplement	1288739GT	1

Installation Instructions

Contents of Kit 1289293GT

GS-2632 (14.5 inch / 37 cm)

Description	Genie part number	Qty.
Cable tie, 7.375 inch / 19 cm	6578GT	40
Button cable tie, 14.75 inch / 37,5 cm	56361GT	8
Cable tie mount, 6.5 inch / 16,5 cm	110149GT	2
Flange nut, 1/4-20, G, ZAG	824027GT	4
Screw, HHF, 1/4-20 x .75, 8, ZAG	824078GT	4
Assembly, lift guard	1287673GT	2
Cable, 20 inch link	1288572GT	1
Harness, E-STOP splice	1288573GT	1
Cable, 45 inch link	1288574GT	1
Chassis to platform cable	1288728GT	1
Harness, GS32 platform	1288740GT	1
Cable guide forming	1290505GT	1
Cable guide forming	1291462GT	1
Manual, Supplement	1288739GT	1

Contents of Kit 1289294GT

GS-3232 (14.5 inch / 37 cm)

Description	Genie part number	Qty.
Cable tie, 7.375 inch / 19 cm	6578GT	40
Button cable tie, 14.75 inch / 37,5 cm	56361GT	8
Cable tie mount, 6.5 inch / 16,5 cm	110149GT	2
Flange nut, 1/4-20, G, ZAG	824027GT	4
Screw, HHF, 1/4-20 x .75, 8, ZAG	824078GT	4
Assembly, lift guard	1287673GT	2
Cable, 20 inch link	1288572GT	1
Harness, E-STOP splice	1288573GT	1
Cable, 45 inch link	1288574GT	1
Chassis to platform cable	1288729GT	1
Harness, GS32 platform	1288740GT	1
Cable guide forming	1290505GT	1
Cable guide forming	1291462GT	1
Manual, Supplement	1288739GT	1

Contents of Kit 1293679GT

GS-2632 (36 inch / 91 cm)

Description	Genie part number	Qty.
Cable tie, 7.375 inch / 19 cm	6578GT	40
Button cable tie, 14.75 inch / 37,5 cm	56361GT	8
Cable tie mount, 6.5 inch / 16,5 cm	110149GT	2
Flange nut, 1/4-20, G, ZAG	824027GT	4
Screw, HHF, 1/4-20 x .75, 8, ZAG	824078GT	4
Cable, 20 inch link	1288572GT	1
Harness, E-STOP splice	1288573GT	1
Cable, 45 inch link	1288574GT	1
Chassis to platform cable	1288728GT	1
Harness, GS32 platform	1288740GT	1
Cable guide forming	1290505GT	1
Cable guide forming	1291462GT	1
Assembly, contact alarm	1292500GT	2
Manual, Supplement	1288739GT	1

Contents of Kit 1293680GT

GS-3232 (36 inch / 91 cm)

Description	Genie part number	Qty.
Cable tie, 7.375 inch / 19 cm	6578GT	40
Button cable tie, 14.75 inch / 37,5 cm	56361GT	8
Cable tie mount, 6.5 inch / 16,5 cm	110149GT	2
Flange nut, 1/4-20, G, ZAG	824027GT	4
Screw, HHF, 1/4-20 x .75, 8, ZAG	824078GT	4
Cable, 20 inch link	1288572GT	1
Harness, E-STOP splice	1288573GT	1
Cable, 45 inch link	1288574GT	1
Chassis to platform cable	1288729GT	1
Harness, GS32 platform	1288740GT	1
Assembly, contact alarm	1292500GT	2
Cable guide forming	1290505GT	1
Cable guide forming	1291462GT	1
Manual, Supplement	1288739GT	1

Installation Instructions

Contents of Kit 1289420GT

GS-2046 (14.5 inch / 37 cm)

Description	Genie part number	Qty.
Cable tie, 7.375 inch / 19 cm	6578GT	40
Button cable tie, 14.75 inch / 37,5 cm	56361GT	8
Cable tie mount, 6.5 inch / 16,5 cm	110149GT	2
Flange nut, 1/4-20, G, ZAG	824027GT	6
Screw, HHF, 1/4-20 x .75, 8, ZAG	824078GT	6
Assembly, lift guard	1287673GT	2
Cable, 20 inch link	1288572GT	1
Harness, E-STOP splice	1288573GT	1
Cable, 45 inch link	1288574GT	1
Chassis to platform cable	1288727GT	1
Harness, GS46 platform	1288741GT	1
Cable guide forming	1290506GT	1
Cable guide forming	1290507GT	1
Manual, Supplement	1288739GT	1

Contents of Kit 1289421GT

GS-2646 (14.5 inch / 37 cm)

Description		Qty.
Cable tie, 7.375 inch / 19 cm	6578GT	40
Button cable tie, 14.75 inch / 37,5 cm	56361GT	8
Cable tie mount, 6.5 inch / 16,5 cm	110149GT	2
Flange nut, 1/4-20, G, ZAG	824027GT	6
Screw, HHF, 1/4-20 x .75, 8, ZAG	824078GT	6
Assembly, lift guard	1287673GT	2
Cable, 20 inch link	1288572GT	1
Harness, E-STOP splice	1288573GT	1
Cable, 45 inch link	1288574GT	1
Chassis to platform cable	1288728GT	1
Harness, GS46 platform	1288741GT	1
Cable guide forming	1290506GT	1
Cable guide forming	1290507GT	1
Manual, Supplement	1288739GT	1

Contents of Kit 1293681GT

GS-2046 (36 inch / 37 cm)

Description	Genie part number	Qty.
Cable tie, 7.375 inch / 19 cm	6578GT	40
Button cable tie, 14.75 inch / 37,5 cm	56361GT	8
Cable tie mount, 6.5 inch / 16,5 cm	110149GT	2
Flange nut, 1/4-20, G, ZAG	824027GT	4
Screw, HHF, 1/4-20 x .75, 8, ZAG	824078GT	4
Cable, 20 inch link	1288572GT	1
Harness, E-STOP splice	1288573GT	1
Cable, 45 inch link	1288574GT	1
Chassis to platform cable	1288727GT	1
Harness, GS46 platform	1288741GT	1
Cable guide forming	1290506GT	1
Cable guide forming	1290507GT	1
Assembly, contact alarm	1292500GT	2
Manual, Supplement	1288739GT	1

Contents of Kit 1293682GT

GS-2646 (36 inch / 91 cm)

Description	Genie part number	Qty.
Cable tie, 7.375 inch / 19 cm	6578GT	40
Button cable tie, 14.75 inch / 37,5 cm	56361GT	8
Cable tie mount, 6.5 inch / 16,5 cm	110149GT	2
Flange nut, 1/4-20, G, ZAG	824027GT	6
Screw, HHF, 1/4-20 x .75, 8, ZAG	824078GT	6
Cable, 20 inch link	1288572GT	1
Harness, E-STOP splice	1288573GT	1
Cable, 45 inch link	1288574GT	1
Chassis to platform cable	1288728GT	1
Harness, GS46 platform	1288741GT	1
Cable guide forming	1290506GT	1
Cable guide forming	1290507GT	1
Assembly, contact alarm	1292500GT	2
Manual, Supplement	1288739GT	1

Installation Instructions

Contents of Kit 1289422GT

GS-3246 (14.5 inch / 37 cm)

Description	Genie part number	Qty.
Cable tie, 7.375 inch / 19 cm	6578GT	40
Button cable tie, 14.75 inch / 37,5 cm	56361GT	8
Cable tie mount, 6.5 inch / 16,5 cm	110149GT	2
Flange nut, 1/4-20, G, ZAG	824027GT	6
Screw, HHF, 1/4-20 x .75, 8, ZAG	824078GT	6
Assembly, lift guard	1287673GT	2
Cable, 20 inch link	1288572GT	1
Harness, E-STOP splice	1288573GT	1
Cable, 45 inch link	1288574GT	1
Chassis to platform cable	1288729GT	1
Harness, GS46 platform	1288741GT	1
Cable guide forming	1290506GT	1
Cable guide forming	1290507GT	1
Manual, Supplement	1288739GT	1

Contents of Kit 1289295GT

GS-4047 (14.5 inch / 37 cm)

Description	Genie part number	Qty.
Cable tie, 7.375 inch / 19 cm	6578GT	40
Button cable tie, 14.75 inch / 37,5 cm	56361GT	8
Cable tie mount, 6.5 inch / 16,5 cm	110149GT	2
Flange nut, 1/4-20, G, ZAG	824027GT	6
Screw, HHF, 1/4-20 x .75, 8, ZAG	824078GT	6
Assembly, lift guard	1287673GT	2
Cable, 20 inch link	1288572GT	1
Harness, E-STOP splice	1288573GT	1
Cable, 45 inch link	1288574GT	1
Chassis to platform cable	1288730GT	1
Harness, GS46 platform	1288741GT	1
Cable guide forming	1290506GT	1
Cable guide forming	1290507GT	1
Manual, Supplement	1288739GT	1

Contents of Kit 1293683GT

GS-3246 (36 inch / 91 cm)

Description	Genie part number	Qty.
Cable tie, 7.375 inch / 19 cm	6578GT	40
Button cable tie, 14.75 inch / 37,5 cm	56361GT	8
Cable tie mount, 6.5 inch / 16,5 cm	110149GT	2
Flange nut, 1/4-20, G, ZAG	824027GT	6
Screw, HHF, 1/4-20 x .75, 8, ZAG	824078GT	6
Cable, 20 inch link	1288572GT	1
Harness, E-STOP splice	1288573GT	1
Cable, 45 inch link	1288574GT	1
Chassis to platform cable	1288729GT	1
Harness, GS46 platform	1288741GT	1
Cable guide forming	1290506GT	1
Cable guide forming	1290507GT	1
Assembly, contact alarm	1292500GT	2
Manual, Supplement	1288739GT	1

Contents of Kit 1293684GT

GS-4047 (36 inch / 91 cm)

Description	Genie part number	Qty.
Cable tie, 7.375 inch / 19 cm	6578GT	40
Button cable tie, 14.75 inch / 37,5 cm	56361GT	8
Cable tie mount, 6.5 inch / 16,5 cm	110149GT	2
Flange nut, 1/4-20, G, ZAG	824027GT	6
Screw, HHF, 1/4-20 x .75, 8, ZAG	824078GT	6
Cable, 20 inch link	1288572GT	1
Harness, E-STOP splice	1288573GT	1
Cable, 45 inch link	1288574GT	1
Chassis to platform cable	1288730GT	1
Harness, GS46 platform	1288741GT	1
Cable guide forming	1290506GT	1
Cable guide forming	1290507GT	1
Assembly, contact alarm	1292500GT	2
Manual, Supplement	1288739GT	1

Installation Instructions

Note: Perform this procedure on a firm, level surface.

1 Turn the key switch to ground control and pull out the red Emergency Stop button to the on position at both ground and platform controls.

2 Raise the platform 7 to 8 feet / 2,1 to 2,4 m.

3 Lift the safety arm, move it to the center of the scissor arm and rotate down to a vertical position.

4 Lower the platform onto the safety arm.

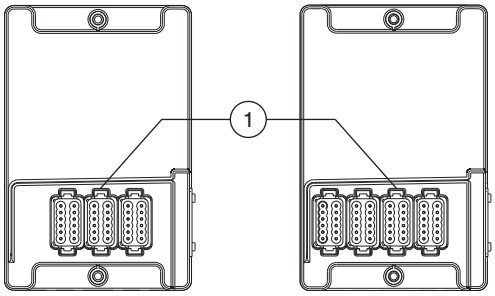
⚠WARNING Crushing hazard. Keep hands clear of the safety arm when lowering the platform.

5 Turn the key switch to the off position and push in the red Emergency Stop button to the off position at the ground controls.

6 Open the ground control compartment.

7 Cut and discard any cable ties securing the harnesses from the ground controls.

8 Disconnect the gray J1 connector from the back of the ground controls.



models without outriggers — models with outriggers

1 J1 connector

9 Disconnect the opposite end of the harness from the 6 pin connector. Remove the harness from the machine.

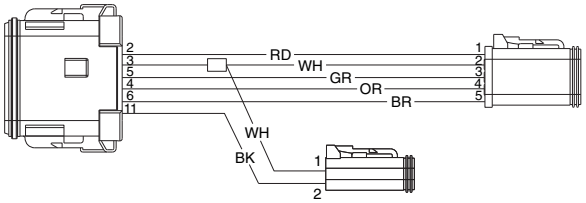
10 Remove the receptacle locks from both connectors and set aside.

11 Remove the white wire from the harness assembly and discard.

12 Remove the white plug from connector J1 pin 11 and discard.

13 Connect the black wire of the ESTOP splice harness to connector J1 pin 11.

Genie part number 1288573GT.



14 Connect the white wire of the harness to J1 pin 3 and pin 2 of the 6 pin connector.

15 Install the receptacle locks set aside in step 10.

16 Secure the harness inside the wire loom.

17 Install the harness back into the machine. Secure the harnesses using cable ties.

Genie part number 6578GT.

18 Following the existing cables and harnesses route the 2 pin connector of the chassis to platform cable down through the top of the drive chassis and into the ground controls compartment.

Model	Genie part number
GS-1530 / GS-1532	1288571GT
GS-1930 / GS-1932	1288726GT
GS-2032 / GS-2046	1288727GT
GS-2632 / GS-2646	1288728GT
GS-3232 / GS-3246	1288729GT
GS-4047	1288730GT

Installation Instructions

19 Connect the cable to the ESTOP splice harness.

20 Route the cable through the link stack to the platform with the existing cables. Secure the cable using cable ties.

Note: Only route and secure the cable as far up as the top link. Route the cable so it hangs on the outside of the link stack.

Genie part number 6578GT.

21 Raise the platform and rotate the safety arm to the stowed position.

22 Fully lower the platform to the stowed position.

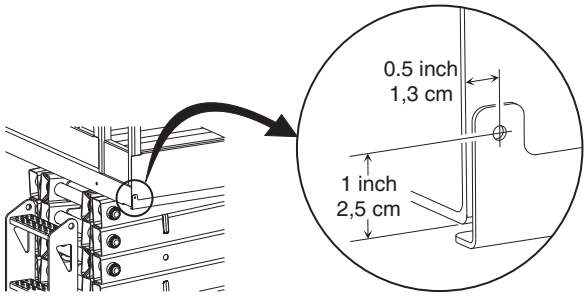
Note: Do not allow the cable to get damaged while lowering the platform.

23 On the ground control side of the machine, clamp the cable guide forming to the bottom edge of the platform.

Note: Refer to the illustrations on page 15 for installing the cable guide forming's.

Genie part numbers 1290504GT or 1290507GT or 1291462GT.

24 Using a center punch, mark the location to be drilled at the non-steer end of the machine. Drill a 17/64 inch / 6,7 mm hole in the side of the platform. Deburr the hole.



25 Secure the cable guide to the platform using the provided retaining fasteners. Do not tighten at this time.

Genie part numbers 824078GT, 824027GT.

26 Mark and drill the location for the cable guide at the steer end of the machine.

27 Secure the cable guide to the platform using the provided retaining fasteners. Do not tighten at this time.

Note: GS-46 and GS-47 models, repeat the drilling procedure for the center hole of the cable guide. Do not install the retaining fasteners at this time.

28 Repeat the drilling procedure for the battery side of the machine.

Genie part numbers 1290505GT or 1290506GT or 1291461GT.

29 Remove the retaining fasteners securing both cable guides at the non-steer end of the machine and set aside. Let the cable guides hang down.

30 Route the 6 pin and the two 2 pin connectors of the contact alarm harness down through the slot in the platform that the platform controls harness is routed through.

31 Secure the coil cord to the hole located under the AC power outlet using a cable tie.

Genie part number 6578GT.

32 Route the longer part of the harness assembly to the battery side of the machine.

33 Route the harness under the platform towards the non-steer of the machine. Secure the harness to the cable guide using button cable ties. Do not tighten the cable ties at this.

Genie part number 56361GT.

Installation Instructions

34 Secure the cable guide to the platform with the retaining fasteners set aside.

Torque = 136 in-lbs / 15,5 Nm.

35 Gently pull the harness towards the non-steer end of the machine. Tighten the cable ties.

36 Route the loose end of the harness assembly towards the non-steer end of the machine. Secure the harness to the cable guide using button cable ties. Do not tighten the cable ties at this.

Genie part number 56361GT.

37 Secure the cable guide to the platform with the retaining fasteners set aside.

Torque = 136 in-lbs / 15,5 Nm.

38 Gently pull the harness towards the non-steer end of the machine. Tighten the cable ties.

39 Mount the lift guard assemblies to the platform railings. Refer to the illustrations on page 16 for mounting locations.

Genie part numbers 1287673GT or 1292500GT.

40 Connect the lift guard assembly to the coil cord at the steer end of the machine with the 20 inch link cable.

Genie part number 1288572GT.

41 Secure the cable to the platform railing using cable ties.



42 Connect the lift guard assembly to the harness in the cable guide at the non-steer end of the machine with the 45 inch link cable.

Genie part number 1288574GT.

43 Secure the cable to the platform railing.

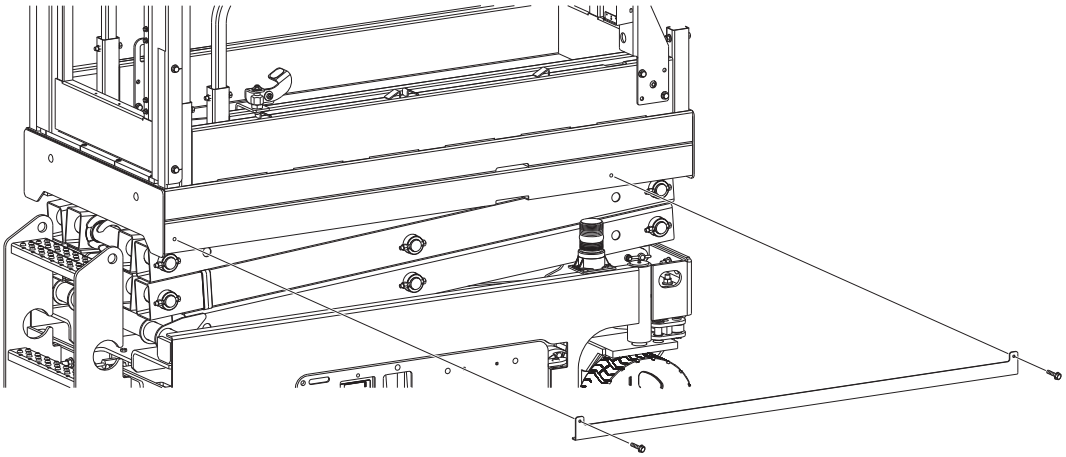
Models with a chain gate: Secure the cable to the upright post of the platform railing.

Models with a swing gate: Secure the cable to the upright post of the platform railing using cable tie mounts.

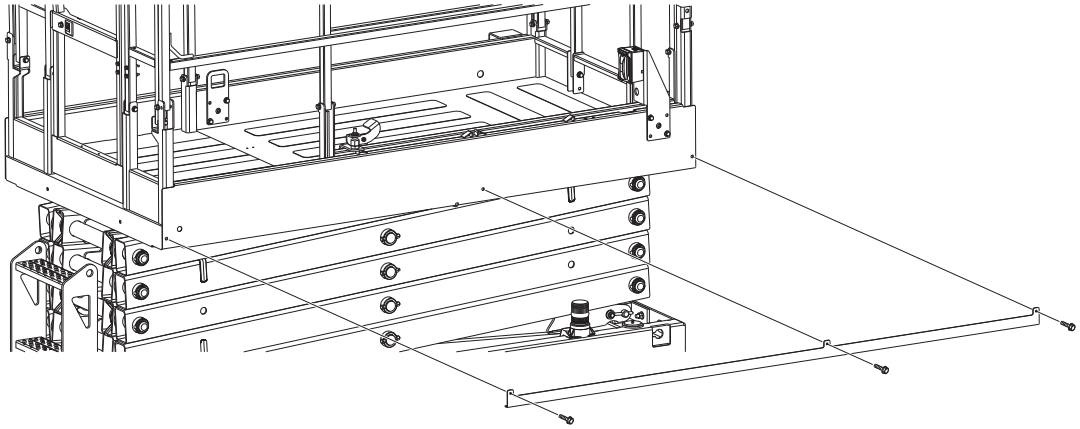
Genie part number 110149GT.

44 Update the control system software (if required). Refer to the Software Update section.

Installation Instructions

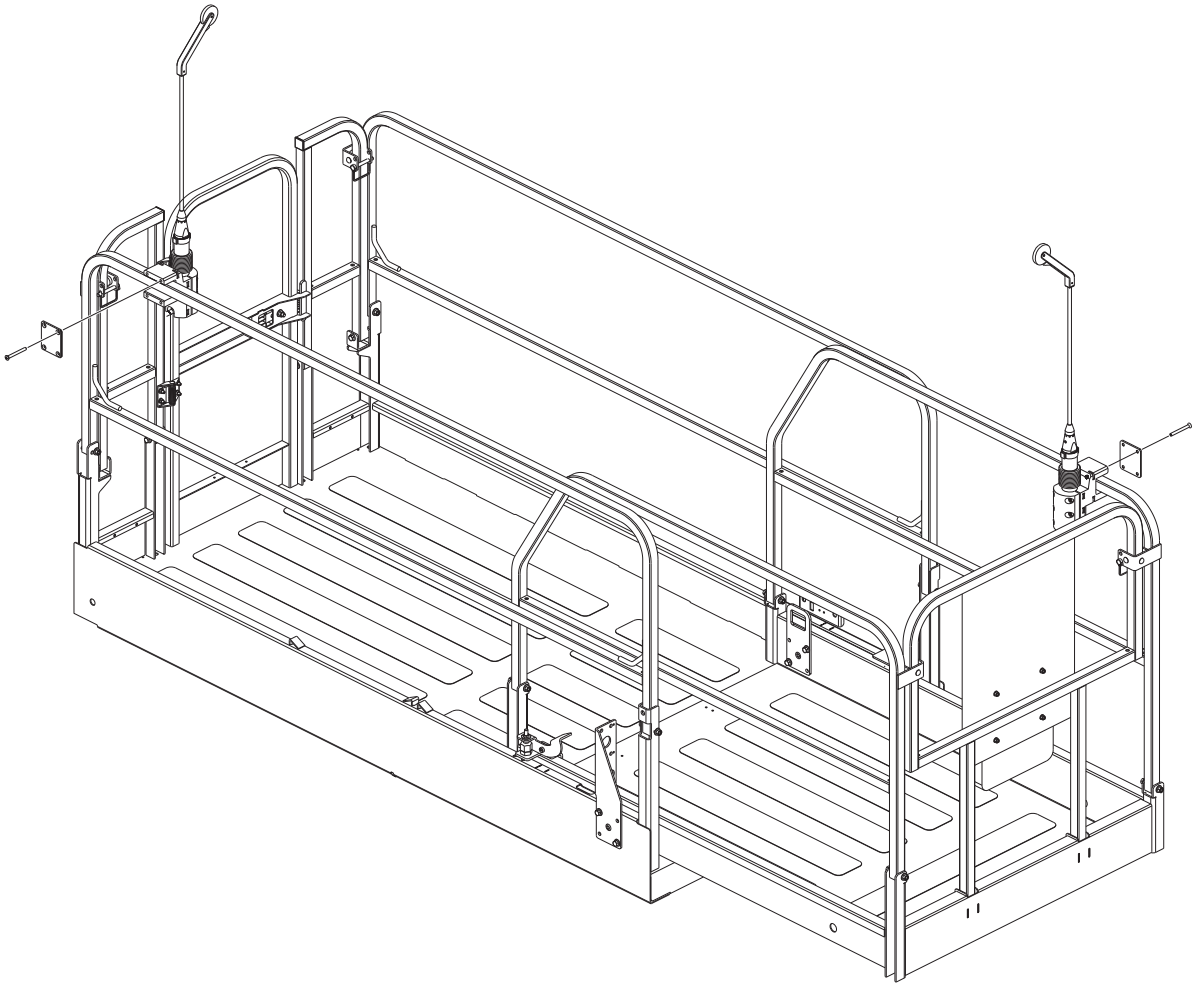


GS-30 and GS-32 models



GS-46 and GS-47 models

Installation Instructions



Software Update

Machines with a control system software revision of "P" or higher do not require a software upgrade.

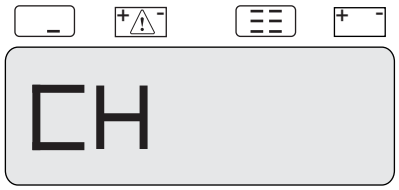
Machines with revision of "N" or lower, and is equipped with proportional lift control, will require a software upgrade.

Software Version

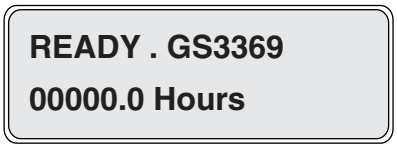
Note: Before proceeding verify the version of software installed on your machine. The software revision is displayed at the GCON LCD.

1 Turn the key switch to ground controls or platform controls and pull out the red Emergency Stop button to the on position at both ground and platform controls.

⊙ Result: The PCON LCD will show "CH".

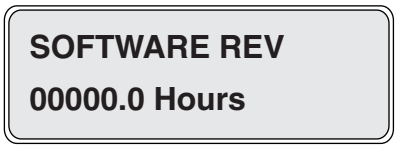


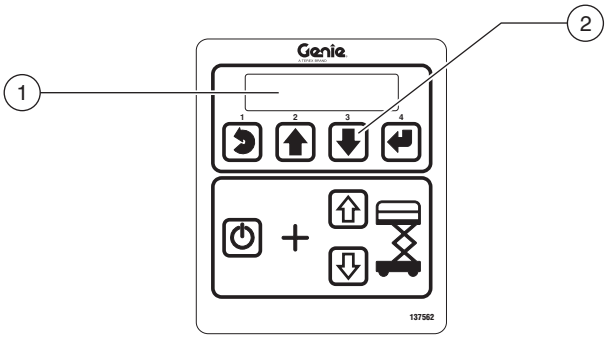
⊙ Result: The GCON LCD will show the machine model and hour meter information. After 3 seconds, the machine model will not show on the display.



2 Press the ground control scroll down button.

⊙ Result: The GCON LCD will show the software revision and hour meter information. After 5 seconds, the ground controls LCD will return to machine model and hour meter information.





1 GCON LCD
2 scroll down button

3 Push in the red Emergency Stop button to the off position at both the ground and platform controls and turn the key switch to the off position.

⊙ Result: Revision "P" or higher, test the contact alarm. Refer to Function Test.

⊙ Result: Revision "N" or lower, update the machine software. Refer to Firmware Site Download.

Software Update

Firmware Site Download

Note: Access to the internet is required to perform this procedure.

1 Click on the Hyperlink below or open an internet browser and copy and paste or type the link into the address bar and press enter.

http://firmware.genielift.com

2 Select **Machine Model.** Select **Search.**



3 Under **Application Firmware**, select the **Firmware File** for **PROP LIFT** and save it to your desktop.

4 Locate and open the file saved on your desktop.

5 Right click on the **.zip** file and select **extract all**.

Note: Verify the **Show extracted files when complete** box is checked.

6 Select and open instructions **216767** under **Application Firmware**.

7 Refer to Machine Application Mode procedure to complete the software upgrade.

8 Download the **Instructions** and follow the procedures to update the machine software.

Note: After the control system software has been updated, the contact alarm option must be activated at the ground controls to function properly. Refer to Activating or Deactivating the Contact Alarm.

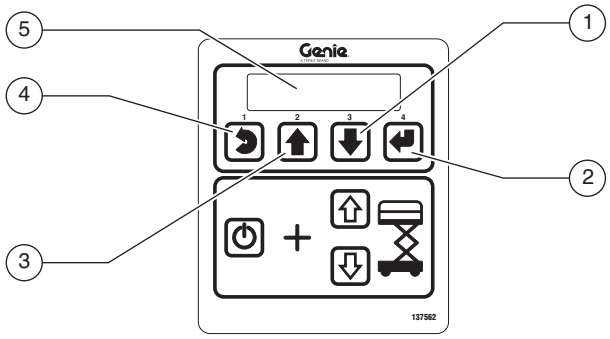
Activating or Deactivating the Contact Alarm

Note: The contact alarm must be activated in the options menu for the machine to function properly when it has been installed on the machine.

Note: The contact alarm must be deactivated in the options menu for the machine to function properly when it has been removed from the machine.

1 Turn the key switch to the ground controls position and pull out the red Emergency Stop button to the on position at the platform controls.

2 Press and hold the ground control scroll up and scroll down buttons.

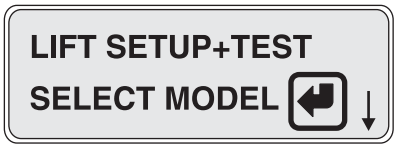


1 scroll down button
2 enter button
3 scroll up button
4 escape button
5 LCD display

Software Update

3 Pull out the red Emergency Stop button to the on position at the ground controls.

⊙ Result: The ground controls LCD display will show the following:



4 Use the ground control menu buttons to select machine Options. Follow the menu structure indicated on the ground control LCD display to activate the contact alarm.

5 If the contact alarm has been activated, this Operator's Manual Supplement must be inserted into the manual box located on the machine.

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