Genie
A TEREX BRAND

Installation Instructions

Lift Connect™ Access Manager

Refer to Models Included section for model and serial number information

Introduction

Observe and Obey:

☑ This procedure shall be completed by a person trained and qualified on the repair of this machine.

☑ 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.

Note: These installation instructions only apply to the Genie models and serial number ranges listed within this document.

If you have any further questions regarding these instructions or need assistance, please contact Genie Product Support at one of the following telephone numbers:

United States:	+ 800 536 1800
Canada:	+ 425 881 1800
Europe:	
UK regions	+ 311 65799800
Nordic regions	+ 311 65799801
Middle East / South Africa	+ 311 65799802
French regions	+ 311 65799803
German regions	+ 311 65799804
BNL regions	+ 311 65799805
IT / SE regions	+ 311 65799806
Spanish regions	+ 311 65799807
Australia	+ 61 7 3456 4444
Brazil	+ 0 800 031 0100
South America - other locations	+ 56 9 6431 2110
All other locations	+ 1 425 881 1800

Introduction

Models Included

Model	From serial number
GS-69 DC/BE	from GS69F-18307
	from GS69M-101
GS-69 RT	from GS6914-6019 to GS69F-16542
	from GS69F-16543
	from GS69M-101
GS-84	from GS8415-42308 to GS84F-45671
	from GS84F-45672
	from GS84D-494
GS-90	from GS9015-50207 to GS90F-54948
	from GS90F-54949
	from GS90D-3787

Tools Required:

Cable tie gun or wire cutters

Drill motor

Deburring tool

Small flathead screwdriver

Wire crimper

Wire stripper

1 inch / 25 mm drill bit

9/32 inch / 7 mm drill bit

11/32 inch wrench

Introduction

Components of Kit 1312860GT

Description	Genie part number	Qty.
Installation instructions	1312861GT	1
Access manager users guide	1312446GT	1
Forming, Keypad, RT, Cover	1302078GT	1
Forming, Keypad, RT, Mount	1302079GT	1
Access management keypad	1296895GT	1
Access management harness, 64 inch	1296896GT	1
Flat washer, #8, SAE, ZAG	1257390GT	2
Screw, PHPM, 8-32 x 1, ZAG	1258189GT	2
Nylock nut, 8-32, 8, ZAG	1271081GT	2
Screw, HHC, 1/4-20 x .875, 8, ZAG	1262432GT	2
Nut, TL FLG, 1/4-20, G, ZAG	824027GT	2
Cable tie, 4" BLK, Heat Resistant	21121GT	8

Procedure

Note: Perform this procedure on a firm, level surface with the machine in the stowed position.

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

Note: Machines not pre-drilled for access manager, continue with step 2. Machines that are pre-drilled for access manager, continue to step 7.

2   **GS-69RT, GS-84, GS-90:** Locate and disconnect the black negative battery cable from the engine battery.

⚠ WARNING   Electrocution/burn hazard. Contact with electrically charged circuits could result in death or serious injury. Remove all rings, watches and other jewelry.

3   **GS-69DC, GS-69BE:** Disconnect the battery pack from the machine.

⚠ WARNING   Electrocution/burn hazard. Contact with electrically charged circuits could result in death or serious injury. Remove all rings, watches and other jewelry.

4   Working at the hydraulic tank side, mark the locations on the top of the hydraulic tank box to drill the required holes.

Note: Refer to the *Drilling Diagram* that is appropriate for your machine.

5   Using a 9/32 in / 7 mm drill bit, drill and deburr the holes required to mount the keypad mounting assembly.

6   Using a 1 in / 25 mm drill bit, drill and deburr the remaining holes required to route and secure the harness.

7   Route the keypad harness through the holes on the keypad mount and secure the harness.

Genie part numbers 1302079GT, 1296895GT
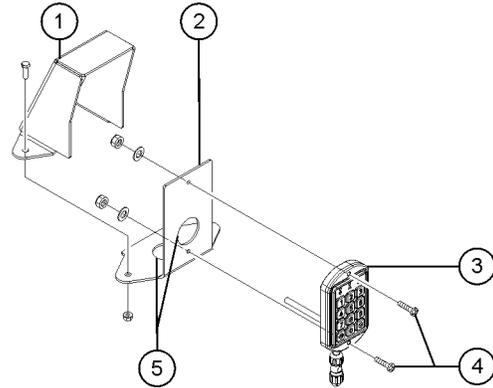
1   keypad cover
2   keypad mount
3   keypad
4   retaining fasteners
5   harness routing holes

8   Install and secure the keypad onto the keypad mount using the provided retaining fasteners.

Genie part numbers 1258189GT, 1257390GT, 1271081GT

9   Install the keypad cover onto the keypad mount.

Genie part number 1302078GT

Procedure

GS-69 Machines:

10   Open the ground controls compartment.

11   Install the keypad mount assembly onto the top of the hydraulic tank box using the holes drilled as reference and secure using the provided retaining fasteners.

Genie part number 1262432GT, 824027GT
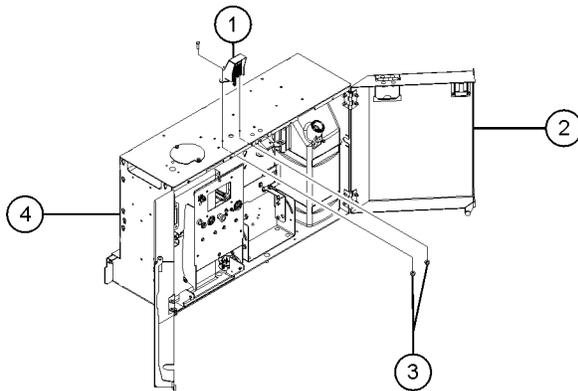
1   keypad assembly
2   hydraulic tank box door
3   retaining fasteners
4   hydraulic tank box

12   Connect the 5 pin access manager keypad harness connector to the 5 pin connector of access manager harness.

Genie part number 1296896GT

13   Align white dots on the connector and push the plug together to connect the access manager harness to the keypad.

14   Tighten the connector to hand tight.

15   Locate and disconnect the telematics module from the 12 pin gateway harness.

Note: The telematics device is mounted underneath the drive chassis and its plug is routed down into the chassis.
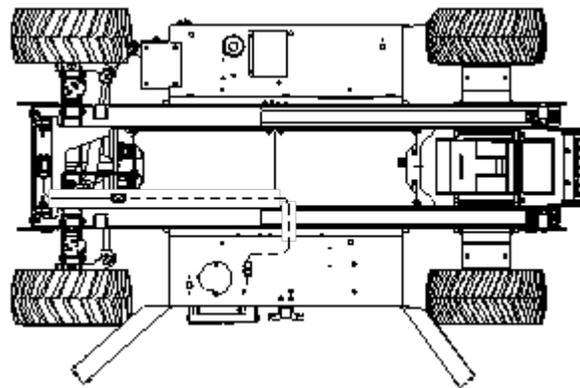
Procedure

16 Connect the 12 pin connector of the access manager harness to the 12 pin gateway harness.

   Genie part number 1296896GT

Note: Harness connectors are keyed for proper installation.

NOTICE | Component damage hazard. Improper connections will result in damage to the telematics module and it is not covered under warranty.
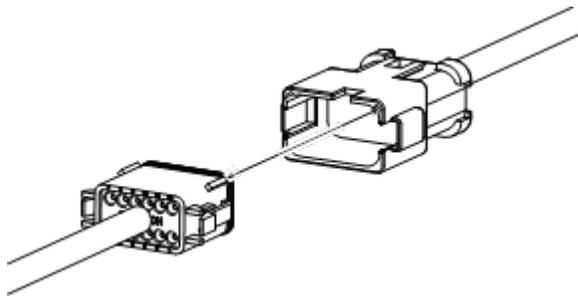
example of keyed harness connector

17 Connect the telematics module to the 12 pin connector of the access manager harness.

Note: Secure the cable using the provided cable ties.

18 **GS-69DC, GS-69BE:** Connect the battery pack to the machine.

For GS-69RT Machine:

19 Open the ground control box and locate relay CR102.
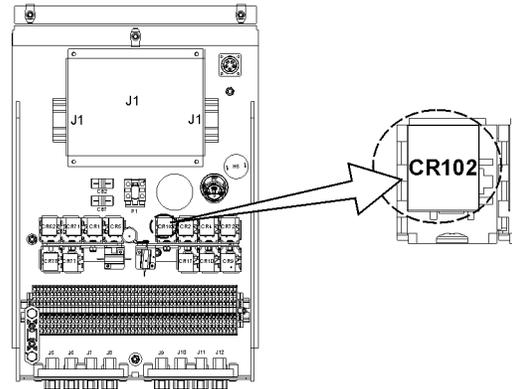
20 Remove the wire from relay socket CR102, terminal 87A and install it into CR102, terminal 87.

21 Remove the brown wire from relay socket CR102, terminal 85 and tie it back with the harness.

Note: Secure the cable using the provided cable ties.

Procedure

22   Connect the 12V supply wire into the relay socket CR102, terminal 85.

Note: From SN GS69F-16543, verify the wire connection between the relay socket CR102, terminal 86 and telematics connector socket C102, terminal 7 at ground control box.
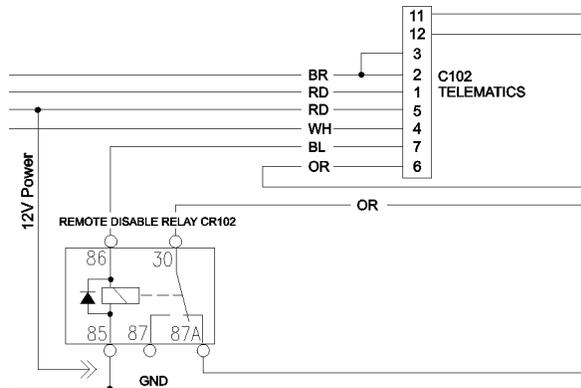
23   Connect the black negative battery cable to the engine battery.

⚠ WARNING   Electrocution/burn hazard. Contact with electrically charged circuits could result in death or serious injury. Remove all rings, watches and other jewelry.

GS-84, GS-90 Machine:

24   Open the ground controls compartment.

25   Install the keypad mount assembly onto the top of the hydraulic tank box using the holes drilled as reference and secure using the provided retaining fasteners.

Genie part number 1262432GT, 824027GT
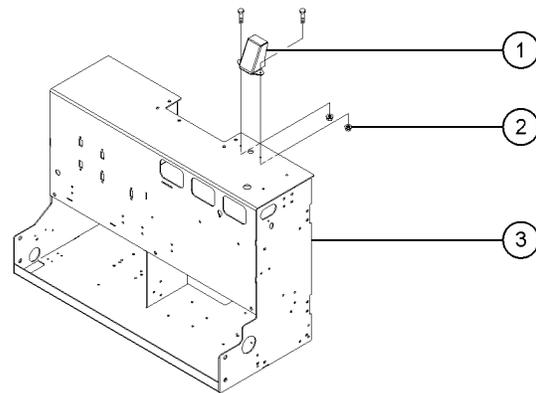
1   keypad assembly

2   retaining fasteners

3   hydraulic tank box

26   Connect the 5 pin access manager keypad harness connector to the 5 pin connector of access manager harness provided in the kit.

Genie part number 1296896GT

Procedure

27 Align white dots on the connector and push the plug together to connect the access manager harness to the keypad.

28 Tighten the connector to hand tight.

29 Locate and disconnect the telematics module from the 12 pin gateway harness.
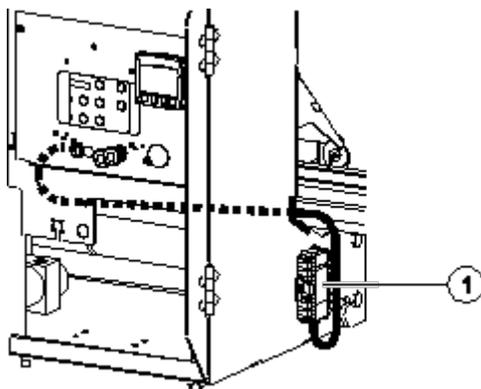
1 telematics module and harness

30 Route the cable behind the traction manifold towards the battery side. Follow the function manifold harness.

Genie part number 21121GT

Note: Secure the cable using the provided cable ties.

31 Connect the 12 pin connector of the access manager harness to the gateway harness connector.

Note: Harness connectors are keyed for proper installation.

NOTICE Component damage hazard. Improper connections will result in damage to the telematics module and it is not covered under warranty.
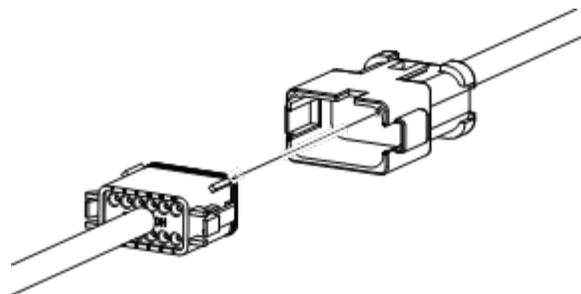
example of keyed harness connector

32 Connect the telematics module to the 12 pin connector of the access manager harness.

Note: Secure the cable using the provided cable ties.

Procedure

33 Open the ground control box and locate relay K102.

34 Remove the wire from relay socket K102, terminal 87A and install it into K102, terminal 87.

35 Remove the ground connection wire from relay socket K102, terminal 85 and tie it with the harness.

Note: Secure the cable using the provided cable ties.

36 Connect the 12V supply wire into the relay socket K102, terminal 85.

Note: From SN GS84F-45672, verify the wire connection between the relay socket K102, terminal 86 and telematics connector socket C102, terminal 7 at ground control box.

37 Connect the black negative battery cable to the engine battery.

⚠ WARNING Electrocution/burn hazard. Contact with electrically charged circuits could result in death or serious injury. Remove all rings, watches and other jewelry.

38 Place the Access Manager user guide in the manual storage box located on the machine.

Genie part number 1312446GT
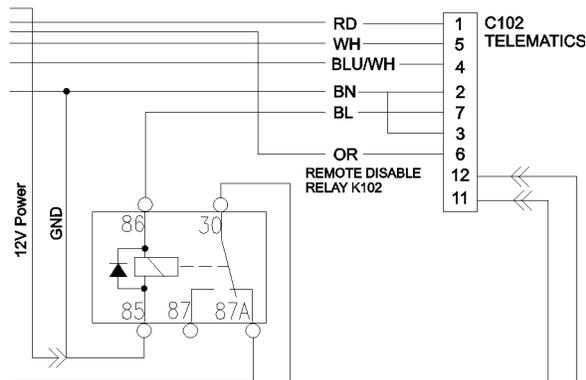
Drilling Diagram

Software Version

Note: Not all machines will require a software update.

1   Verify the software revision on your machine.

2   Turn the key switch to ground control and pull out the red Emergency Stop button to the on position.

3   Read and record the software version displayed on the LCD screen.

Software Version _____

Note: Refer to the following chart to determine if the machine software requires updating.

Model	Software Version
GS-69 DC/BE	3.2.1
GS-69 RT, GS-84, GS-90	
Software update not required	

Note: Models with a software version listed is the minimum requirement to support Access Manager and does not require an immediate software update.

⚠ Genie recommends updating the machine software to receive the latest updates and features available. Refer to the Genie Firmware website.

Note: Models with a lower revision level must update the system software. Refer to *Firmware Site Download*.

Firmware Site Download

1   Access the firmware website address below:

https://www.genielift.com/en/support/firmware

2   From the drop-down menu, select the model that is appropriate for your machine.

3   Update the software using the appropriate instructions for your machine.

Access Manager Activation

1   Navigate to the Options menu on the machine and verify Lift Connect is selected.

2   To complete activation of your Access Manager keypad please contact the Lift Connect team.

mailto: mailto:AWP.LiftConnectSubscriptions@terex.com

Drilling Diagram

GS-69RT, GS-69 DC/BE Models

Ø1.0 in
25,4 mm

4.50 in
114,3 mm

2X
Ø.28 in
7,1 mm

2.50 in
63,5 mm

2.50 in
63,5 mm

18.5 in
469,9 mm

Top view

Drilling Diagram

GS-84/90 Models

Ø1.0 in
25,4 mm

3.0 in
76,2 mm

Ø.28 in
7,1 mm

2.50 in
63,5 mm

2.50 in
63,5 mm

10.81 in
274,6 mm

Top view