



Installation Instructions

Panel Cradle

*Assembly, Installation & Operation
CE Models*

Boom Products

Part No. 82518

Rev G

June 2009

Instructions

REV G

Modification Approval

These instructions constitute authorization to modify a Genie Boom listed below by attaching hardware to the platform rails for the purpose of lifting solid panels, provided the criteria herein is strictly adhered to.

Approved models

Foam-filled tires required

S-40
S-45
S-60
S-60HC
S-60 TRAX
S-65
S-65 TRAX
S-80 models before serial number S8008-8000
S-85 models before serial number S8508-8000
Z-45/25 RT
Z-60/34
Z-45/22 models after serial number Z45-00001

Not approved on Z-45/22 models before serial number 4593-3613.

Not approved on S-80 and S-85 models after serial number S8008-7999 and S8508-7999.

⚠WARNING Do not install a panel cradle assembly on any Genie boom product other than the designated models.

Important

Read, understand and obey the safety rules and all instructions before using a panel cradle assembly. This manual is a part of your panel cradle assembly kit and should remain with the panel cradle assembly at all times. If you have any questions, call Genie Industries.

Parts List

122755	U-bolt, $\frac{3}{8}$ -16 x 1.5 x 2.5 x 1.25	2
5397	Washer - Flat, 0.313 inch	8
7713	Nut - LP Nylock, $\frac{3}{8}$ -16	12
6638	Washer - Flat, 0.25 x 0.75 x 0.062	2
6889	Nut - LP Nylock, $\frac{1}{4}$ -20	1
8914	Screw - HHC, $\frac{1}{4}$ -20 x 0.625	1
56934	Rubber bumper	4
56424	Clamp	1
88377-1400	Padding, 3.5 OD x 1.25 ID x 14 in	2
77575P	Panel cradle base	2
77576P	Hook piece	2
73463-1175	Tube - Aluminum, 1.25 x 0.083	2
77664	Strap assembly	1
82487	Decal - Symbol, Read the Manual	2
82518	Installation Instructions	1

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INSTRUCTIONS

Observe and Obey:

- ☑ Do not exceed the rated platform capacity. Combined weight of cradles, panels, occupants, tools and any other equipment must not exceed rated capacity.
- ☑ The panel cradles weigh 15 lbs / 6.8 kg.
- ☑ Maximum capacity of the panel cradles is 250 lbs / 113 kg.
- ☑ The weight of panel cradles and load in panel cradles may limit maximum number of occupants in platform to one person.
- ☑ Do not operate unless you are adequately instructed and are aware of all hazards associated with lifting panels.
- ☑ Do not cause a horizontal force or side load to machine by raising or lowering a fixed or overhanging load.
- ☑ Maximum vertical height of panels: 4 ft / 1.2 m.
- ☑ Maximum wind speed: 15 mph / 6.7 m/sec.
- ☑ Maximum panel area: 32 sq. ft / 3 m².

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

Assemble the Panel Cradle:

- 1 Apply a provided warning decal (Genie part number 82487) to the front of each panel cradle.
- 2 Using Illustration 1 as a guide, install a provided rubber bumper (Genie part number 56934) in the panel cradle base. Install the rubber bumper in the location noted as "rubber bumper 1".
- 3 Secure the rubber bumper with the provided nylock nuts and flat washers (Genie part numbers 7713 and 5397). Do not overtighten.

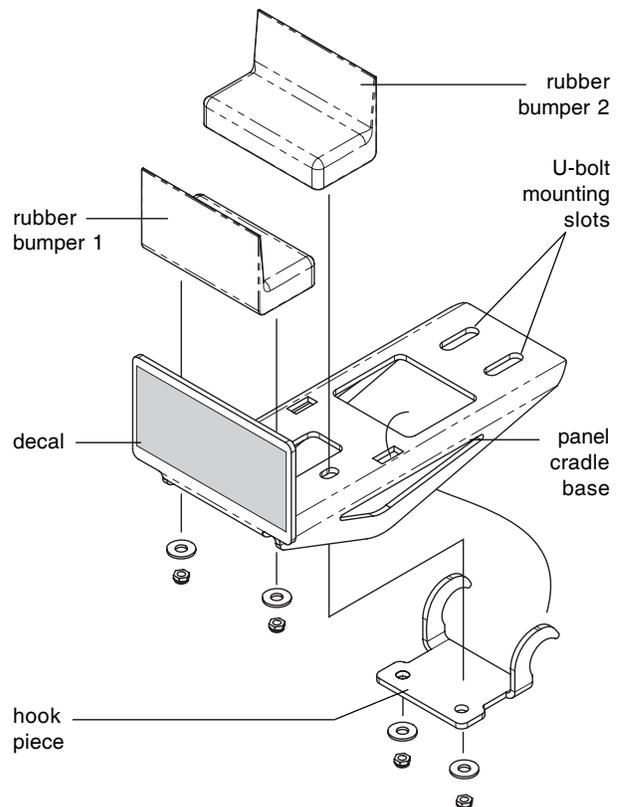


Illustration 1

INSTRUCTIONS

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Panel Cradle Installation:

- 4 Using Illustration 1 as a guide, insert the provided hook piece (Genie part number 77576) through the slots in the panel cradle base.
- 5 Hook the panel cradle to the bottom platform tube in the desired location.
- 6 Using Illustration 1 as a guide, install a provided rubber bumper through the panel cradle base and the hook piece in the location noted as "rubber bumper2".
- 7 Secure the rubber bumper with the provided nylock nuts and flat washers (Genie part numbers 7713 and 5397). Do not over-tighten.
- 8 Determine if the panel cradle is installed at a platform floor support tube.
- ⊙ **Result:** The panel cradle is installed at a platform support tube. Proceed to step 9.
- ⊗ **Result:** The panel cradle is not installed at a platform support tube. Place the provided aluminum tube (Genie part number 73463-1175) between the panel cradle and the platform floor. Proceed to step 9.
- 9 Insert the provided U-bolt (Genie part number 122755) through the floor, around the tube and into the panel cradle base.
- 10 Secure the U-bolt with the provided nylock nuts and flat washers (Genie part numbers 7713 and 5397).
- 11 Repeat steps 1 through 10 for the other panel cradle assembly.

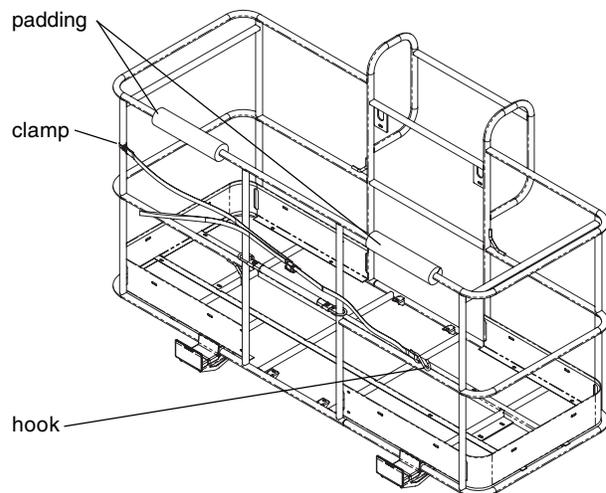
Install the Platform Padding:

- 12 Using Illustration 2 as a guide, install the 2 pieces of provided padding (Genie part number 88377-1400) on the platform rails. Position the padding to protect the panels from contact with the platform rails.

Install the Strap:

- 13 Open the clamp of the provided strap assembly (Genie part number 77664) and install it around a vertical platform rail tube. Refer to Illustration 2.
- 14 Insert a provided screw with a washer (Genie part numbers 8914 and 6638) through one side of the clamp.
- 15 Install the strap assembly end plate onto the screw.
- 16 Insert the screw through the other side of the clamp and secure with a provided washer and nut (Genie part numbers 6638 and 6889). Do not over-tighten.

Note: The strap assembly end plate should be able to slide on the platform rail.

**Illustration 2**

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INSTRUCTIONS

Operating Instructions:

- 1 Secure both panel cradles to the platform.
- 2 Place the load so that it rests in both panel cradles.
- 3 Center the load on the platform.
- 4 Secure the load to the platform using the strap.
Tighten the strap.