Installation Instructions

Panel Cradle
Assembly, Installation & Operation
North American Models

Boom Products

Part No. 82443
Rev F
August 2008
Instructions

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.

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

Parts List

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>122755</td>
<td>U-bolt, $\frac{3}{8}$ -16 x 1.5 x 2.5 x 1.25</td>
<td>2</td>
</tr>
<tr>
<td>5397</td>
<td>Washer - Flat, 0.313 inch</td>
<td>8</td>
</tr>
<tr>
<td>7713</td>
<td>Nut - LP Nylok, $\frac{3}{8}$ -16</td>
<td>12</td>
</tr>
<tr>
<td>6638</td>
<td>Washer - Flat, 0.25 x 0.75 x 0.062</td>
<td>2</td>
</tr>
<tr>
<td>6889</td>
<td>Nut - LP Nylok, $\frac{1}{4}$ -20</td>
<td>1</td>
</tr>
<tr>
<td>8914</td>
<td>Screw - HHC, $\frac{1}{4}$ -20 x 0.625</td>
<td>1</td>
</tr>
<tr>
<td>56934</td>
<td>Rubber bumper</td>
<td>4</td>
</tr>
<tr>
<td>56424</td>
<td>Clamp</td>
<td>1</td>
</tr>
<tr>
<td>88377-1400</td>
<td>Padding, 3.5 OD x 1.25 ID x 14 in</td>
<td>2</td>
</tr>
<tr>
<td>77575</td>
<td>Panel cradle base</td>
<td>2</td>
</tr>
<tr>
<td>77576</td>
<td>Hook piece</td>
<td>2</td>
</tr>
<tr>
<td>73463-1175</td>
<td>Tube - Aluminum, 1.25 x 0.083</td>
<td>2</td>
</tr>
<tr>
<td>77664</td>
<td>Strap assembly</td>
<td>1</td>
</tr>
<tr>
<td>82410</td>
<td>Decal - Warning, Panel Cradle</td>
<td>2</td>
</tr>
<tr>
<td>82443</td>
<td>Installation Instructions</td>
<td>1</td>
</tr>
</tbody>
</table>

Approved models
S-40        S-100
S-45        S-105
S-60        S-120
S-60HC      S-125
S-60 TRAX   All Z-45/25 models
S-65 TRAX   Z-60/34
S-65        Z-80/60
S-80        Z-135/70
S-85        Z-85

Z-45/22 models after serial number Z45-00001

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

WARNING: Do not install a pipe cradle assembly on any Genie boom product other than the designated models.
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 82410) 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

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 bumper 2".

7 Secure the rubber bumper with the provided nylock nuts and flat washers (Genie part numbers 7713 and 5397). Do not overtighten.

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
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.