

# Genie Industries

## Customer Memo

April 4, 2008

### **Subject: Welding Brackets on Guardrails on Genie Boom Platforms**

This letter will serve as authorization to 1<sup>st</sup> Call Studio Rentals to perform welded modifications on Genie Boom Platforms provided that the following criteria are adhered to:

- Welding must be performed by an AWS certified welder.
- Weld per AWS D1.1 standards.
- Always perform a pre-operation inspection, per the operator's manual. Inspect the platform structure and welds.

#### **Platform welding instructions:**

Mig Welding is preferred.

#### **Materials needed:**

- 0.035" hard wire
- 23 - 25 volts
- 500 IPM
- 6% argon shield wire

If different weld process is chosen it must be equivalent to the Mig specs above.

#### **Welding instructions:**

1. Clean area of paint, grease, dirt, rust, and other contaminants. Completely remove all paint down to bare metal on areas to be welded.
2. Weld brackets only onto straight sections; avoid welding in areas of the railing tubing that have been formed into curves
3. De-slag and paint once cool.

The users of the equipment must acknowledge that the weight of the added brackets must be taken into account when determining the weight of payload in the platform. The weight of the brackets reduces by that amount the maximum payload that can be carried. Payload calculations must follow the procedures shown in Genie Manual 97636, *Hollywood Supplement/Set Lighting Manual*.

ANSI A92.5 for Boom-Supported Elevating Work Platforms requires that the guardrail withstand a concentrated load of 300 pounds applied at any point in an outward or downward direction. It is important to note that the primary means of fall protection on aerial work platforms is provided by the guardrail system. Genie Industries strongly recommends compliance with OSHA and ANSI standards and requires that the schedules for frequent and annual inspections found in the Service Manuals for all Genie products are strictly followed. Maintenance Inspection Report forms are provided in all Genie Service Manuals and should be retained in accordance with ANSI record retention requirements

If you have any questions regarding these instructions please contact the Product Management Group for Booms at Genie Industries.

Sincerely,  
Genie Industries