



1171

Electric Installation Kit for AAG



Installation, Operation and Maintenance Instructions

Please read all instructions before attempting installation or operation of these units

SAVE THESE INSTRUCTIONS FOR FUTURE USE

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Table of Contents

<u>Section</u>	<u>Page No.</u>
Introduction	1
Cautions and Warnings	2
Assembly and Setup	3-5
Maintenance	6

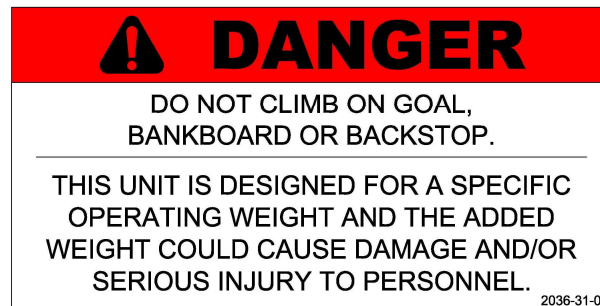
Introduction

Thank you for your purchase of a PSS or Gared 1171 Electric Kit Installation. To ensure that our equipment will provide years of use to you, we are including this installation, operation, and maintenance guide. This guide will provide information on the proper assembly and installation method for your AAG Electric Kit installation.

It is recommended that an individual who has been properly trained perform assembly and set up of the Electric Kit. No one under the age of 18 should attempt assembly or set up of the unit, unless properly supervised.

To prevent normal wear and tear from shortening the life of the unit, preventative maintenance inspections and repairs should be performed at least once per year. If the units are subject to high or unusual usage, inspections should be scheduled to occur more frequently. If items are found to be nonconforming, replacements can be ordered from Gared Sports or one of our authorized dealers. When contacting Gared Sports, please have information regarding the dealer/installer who sold the unit, the name of the project, and any applicable warranty information.

Read and understand the following warnings to prevent possible personal injury and potential damage to the equipment during assembly, setup, and operation.



Before proceeding with assembly, **read all instructions and assembly procedures**. Make sure all parts have been received and are not damaged.

Tools Required:

- 7/16 wrench and socket
- 1/2 wrench and socket
- 9/16 wrench and socket
- Ratchet corresponding to sockets

IMPORTANT NOTE:

Important notes are to be in RED BOLD type.

Regular Note:

Regular notes are to be in Blue type.

INSTALLATION INSTRUCTIONS

1.) Start prepping the unit for installation of the electric motor. The limit on this motor works in the manner of one is fixed while the other limit can be set, see figure 1. Power the motor to make sure it is at the factory limit, which is activated by the set switch on the bottom of the limit stack. The other limit activates when it is at its full down position. This may need to be set in the field when installing the motor. To set the limit, loosen the screw when the motor is in the down position. Then turn it until it activates the limit switch and retighten the limits together. Once this is done, run the unit up and down to check for any issues. The red wire in the four wire plug is the down wire and the black wire is the up wire.



Figure 1

1.) When installing the electric kit the spring in the slide lock must be removed. If this spring is not removed it will cause damage to the system when operated. Remove the #1/4-20 x 1-3/4" hex bolt with the nylon nut. Slide off the slide lock and remove the spring. Re-attach the slide lock without the spring. See Figure 2 below.

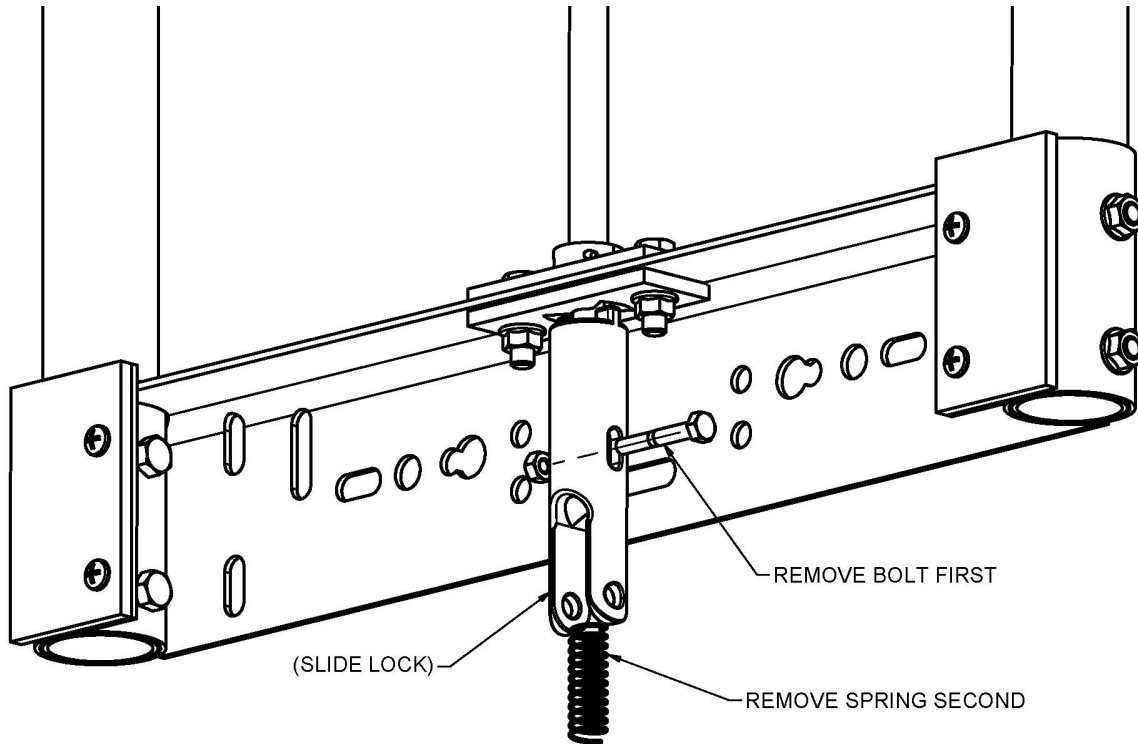
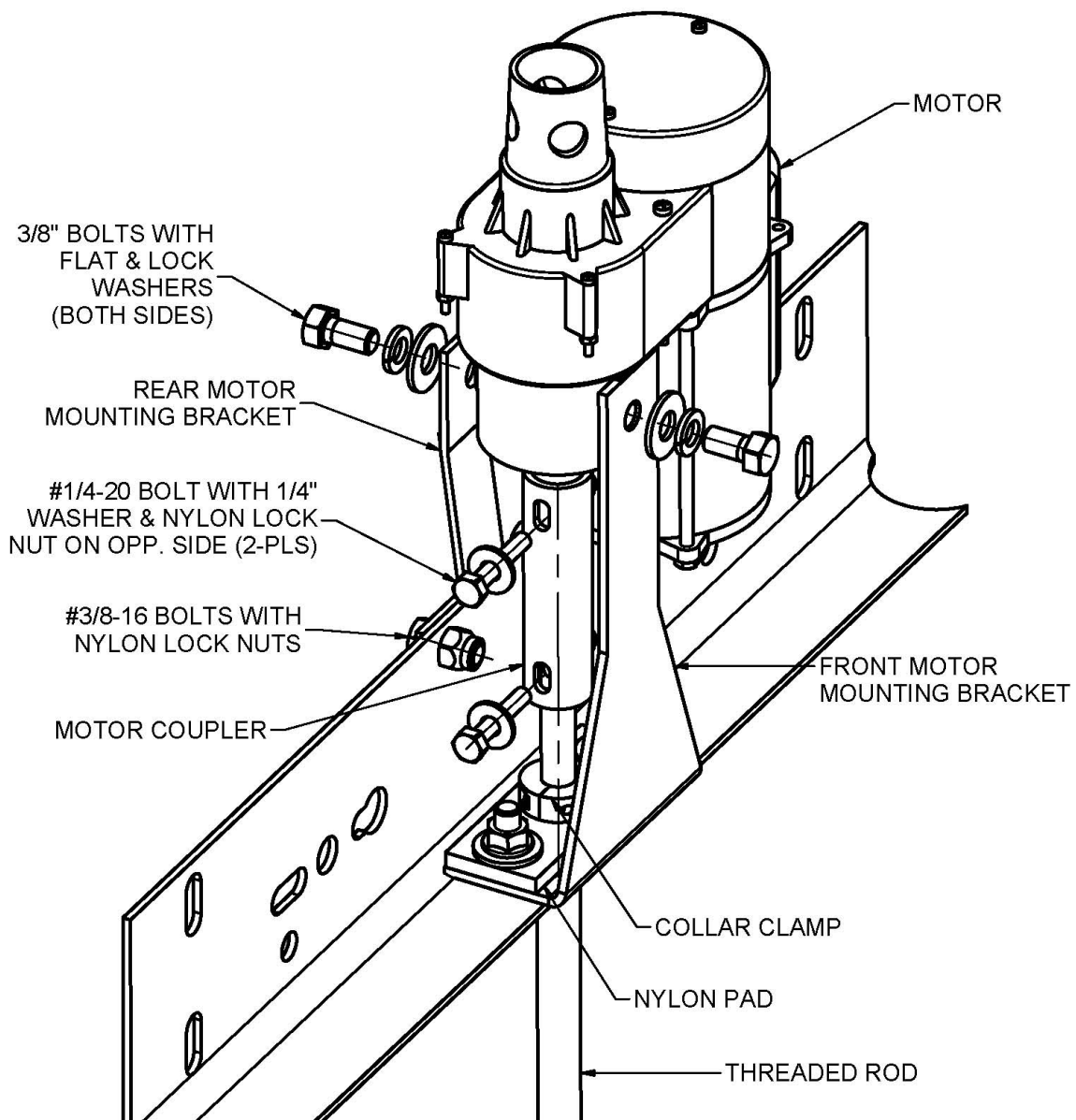


Figure 2

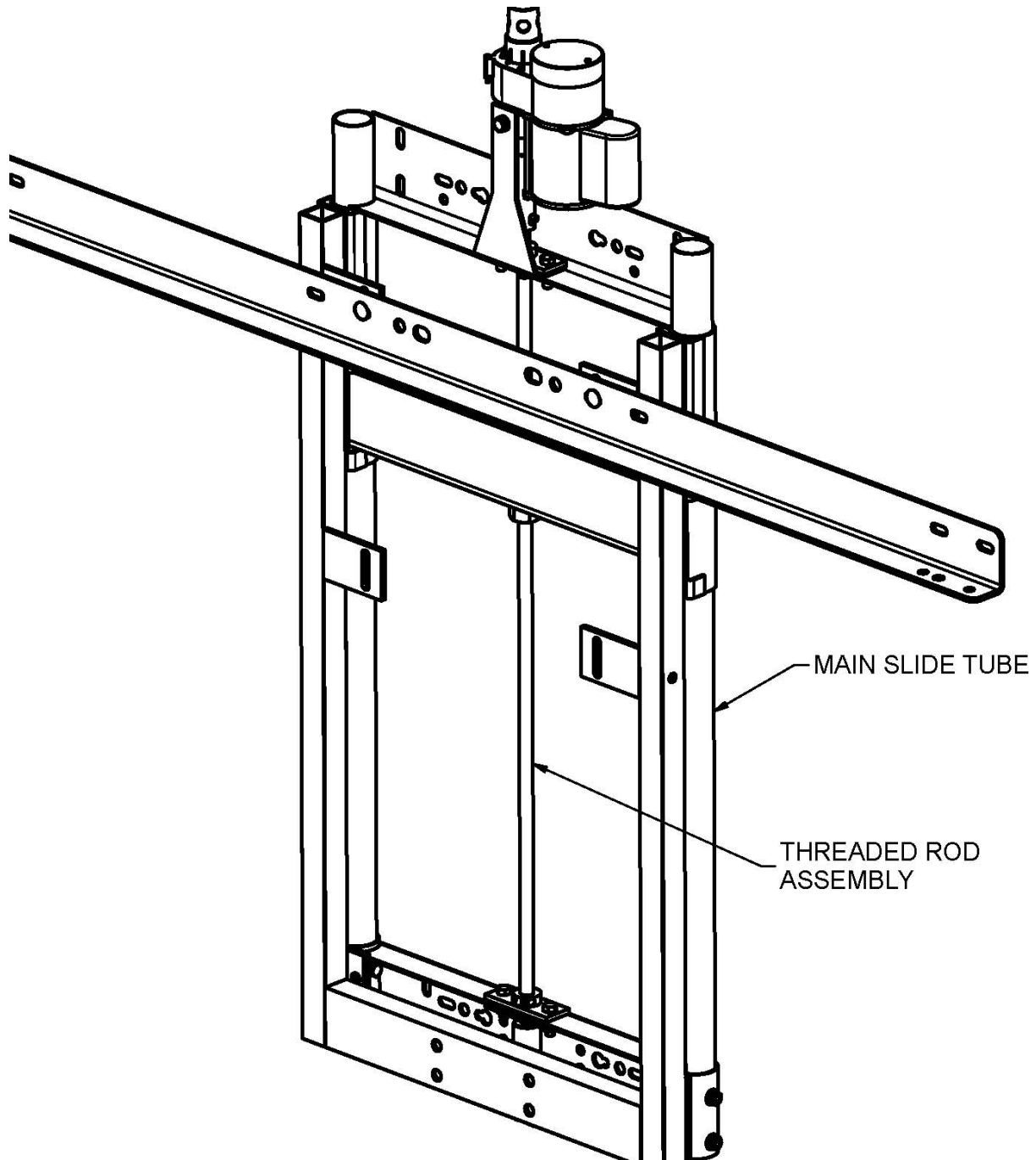
3.) There are two motor brackets. The front bracket is shaped like an L and the rear bracket is T shaped with three holes and two small bends. There is also a motor coupling tube that attaches the drive shaft from the motor to the top of the long threaded rod of the AAG.

4.) Remove the two-piece 1/2 inch inside diameter clamp collar. Remove the bolts that hold the nylon pad and then remove the pad. Slide the front motor bracket into place over the top of the threaded rod and then reposition the nylon pad over the mounting flange of the bracket. Replace and tighten the bolts. Replace the collar clamp. Attach the rear motor mounting bracket with 3/8" bolts and nylon lock nuts as shown in Figure 3. Leave bolts loose. Slide on the coupler over the main rod of the AAG. Slide the motor drive rod into the top of the coupler while placing the motor in position as shown. Attach the motor with a 3/8" bolt, flat and lock washer on each side as shown. Tighten the collar clamp while pushing it against the nylon pad. Align the coupler over the holes in the rod and the motor shaft. Insert two #1/4-20 bolts with washers through the two holes. Tighten with nylon nuts. Check alignment of motor and tighten the rear mounting bracket and all bolts that have been removed and placed. See illustration below.



Maintenance

The main slide tube must be lubricated at all times. White lithium grease is acceptable. The other point to check for wear and grease is the rod assembly. This will allow long life with the appropriate care and use of the unit.





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