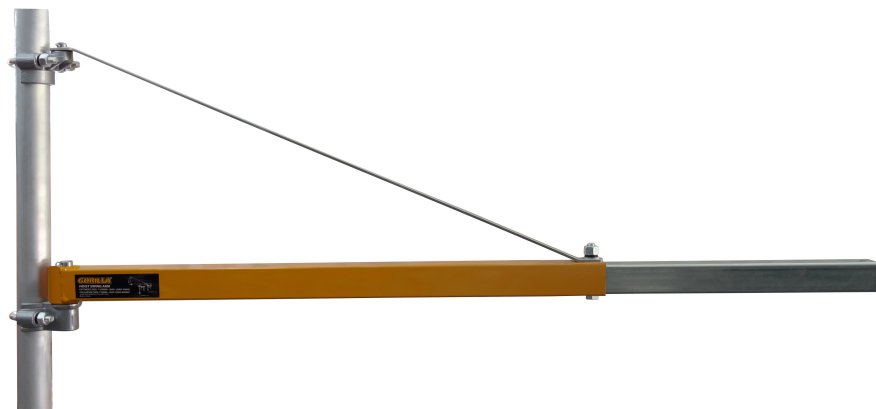




HOIST SWING ARM

INSTRUCTION MANUAL



LG-HA-1100

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SPECIFICATIONS

Welcome

Congratulations on your purchase of a Gorilla Hoist Swing Arm. Please read all the contents of this manual carefully, before attempting to install, operate or maintain your Hoist arm.

Specifications:

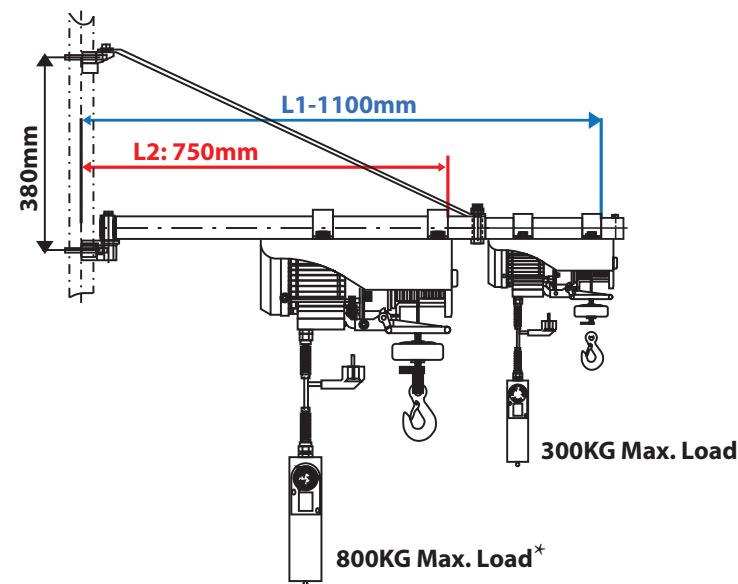
Model #: LG-HA-1100

Load Rating: 800kg Max*

*Loads over 600kg must be a static load.

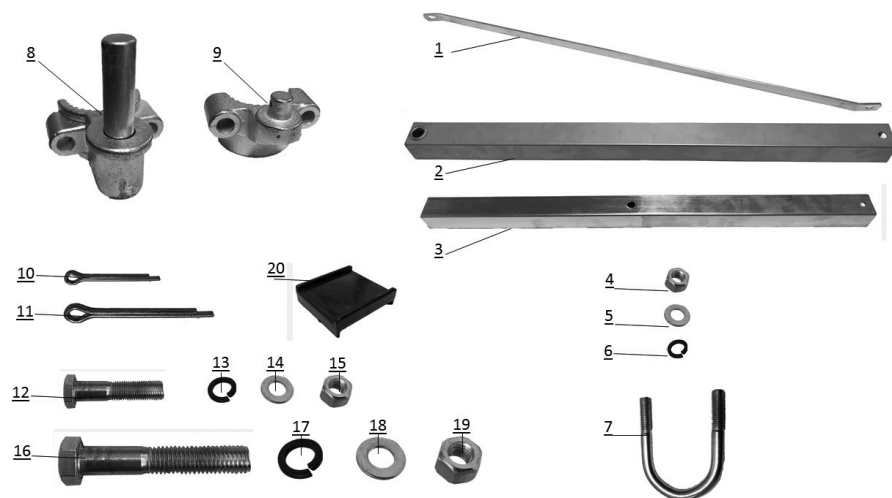
Suits: LG-EH-0100, LG-EH-0500 & LG-EH-0800 electric hoists

Net Weight: 6kg



*Loads over 600kg must be a static load.

PARTS LIST



Part:	Description	Qty:	Part:	Description	Qty:
1	Support Bar	1	11	Large Split Pin	1
2	Main Swing Arm	1	12	Hex Bolt M8	1
3	Swing Arm Extension	1	13	Flat Washer M8	1
4	Hex Nut M10	4	14	Spring Washer M8	1
5	Flat Washer M10	4	15	Hex Nut M8	1
6	Spring Washer M10	4	16	Hex Bolt M12	1
7	U-bolt	2	17	Spring Washer M12	1
8	Lower Hinge Pin	1	18	Flat Washer M12	1
9	Upper Hinge Pin	1	19	Hex Nut M12	1
10	Small Split Pin	1	20	Mounting Plate	2

INSTALLATION

Important Safety for Electric Hoists.

This electric hoist should only be operated by capable and trained persons.

All persons operating the electric hoist should read and follow the safety and operating instructions to avoid hazards.

1. Do not lift any load exceeding the rated capacity of the electric hoist.
2. Always confirm that the mains voltage corresponds to the voltage on the rating plate. Inappropriate supply voltage may result in working abnormally or personal injury.
3. Never pull the cord from its cable
4. Never stand, or walk under a suspended load.
5. Do not pull a load on an angle.
6. Electric hoist should never be subjected to shock loading.
7. Always stand clear of the load.
8. Always maintain a vertical orientation between the load and electric hoist when lifting.
9. Do not try to suspend a load with multiple hoists.
10. Do not raise too far, or lower too fast.
11. Always lower and relieve tension on the load before leaving unattended.
12. Check condition and operation of the electric hoist before each use.
13. Loads should be properly secured and balanced before a lift is made.
14. Do not use the electric hoist to lift any persons.

INSTALLATION

Installation:

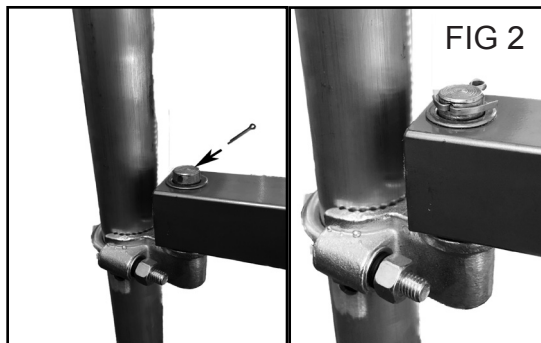
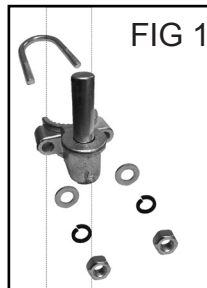
The hoist swing arm is to be used with Gorilla Electric hoists.

To mount the hoist swing arm, you need a round steel pipe with a diameter of 48mm and a thickness, no less than 3mm. Ensure the mounting points of the steel pipe can withstand twice the load rating of your electric hoist.

It is recommended to seek professional advice if unsure.

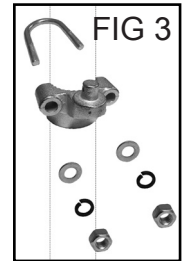
Mounting the electric hoist swing arm

1. Attached the lower hinge pin to the steel bar using a U-Bolt (7), M10 washers (5), M10 spring washers (6), and two M10 hex nuts (4) as shown in Fig.1
2. Place the main swing arm (2) over the lower hinge pin(8), push the large split pin (11) through the hole in the lower hinge pin and bend the split to secure the swing arm. Fig 2.

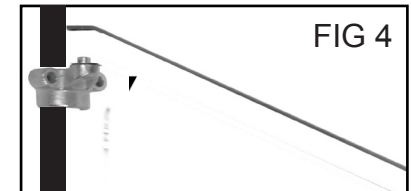


INSTALLATION

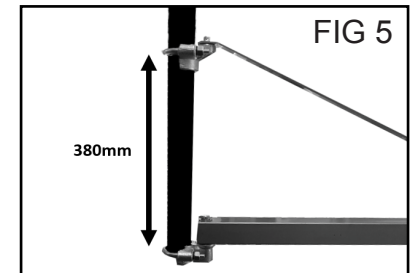
3. Attach the the upper hinge pin(9) to the steel pipe above the swing arm as per the first hinge pin. (Fig 3)



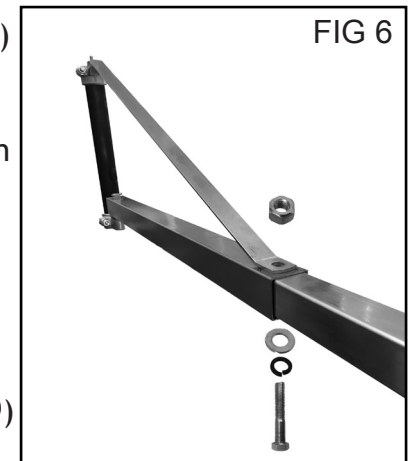
4. Place the support bar (1) over the top hinge pin. (Fig 4)



5. Adjust the height of the top hinge pin and the support arm so the measurement between each hinge pin is 380mm.(Fig 5) Tighten the nuts on both hinge pins once measurement is correct.



6. Insert the swing arm extension(3) into the main swing arm(2) and line up the middle hole on the arm extension(3) with the hole in the main swing arm.



7. Connect the support arm to the swing arm and extension by inserting the M12 hex bolt (16) with a M12 spring washer (17), M12 washer (18) and M12 nut (19) as shown in Fig 6.

INSTALLATION

8. Insert the M8 hex bolt (12) to the end of the extension arm to prevent the electric winch from sliding off the end of the swing arm Fig 7.

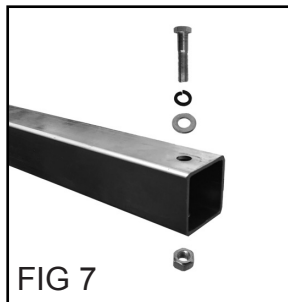


FIG 7

9. Mount your electric hoist as shown in the electric hoist manual. Fig 8. If mounting the electric winch to the extension arm, the mounting plates(20) must be used.

IMPORTANT: Gorilla LG-EH-0100 electric winch can only be installed on the silver extension arm. It will not fit on the yellow section of hoist arm.

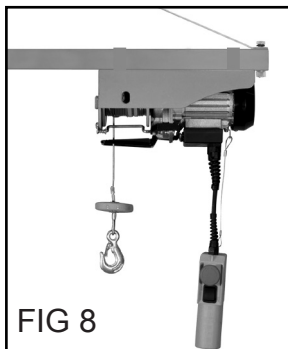


FIG 8

Note: Once assembly is complete, a two cycle - no load test must be completed by raising and lowering the electric hoist and swing the hoist arm 180° to the left and right.

Once this test is completed, load the electric hoist in increments until the maximum load rating has been reached.

The electric hoist and swing arm can be used for normal operation once these tests have been completed.

MAINTENANCE

Maintenance Checklist

PART	CHECK
Rating Label	Ensure the rating label is present, with all specifications, including load rating, clearly legible
Perform the following checks during periodic maintenance:	
Hinge Pins	Regularly check, clean and lubricate hinge pins
Bolts and Nuts	Check that all bolts and nuts are secure and in good working order
Functional Check	Using no load, Check electric hoist operation. Operation should be smooth and free.

INSPECTION LOG

Date of installation: _____

Date of Inspection	Comments	Signature

CUSTOMER SERVICE

If you have any questions regarding this product, please contact our Customer Service team using the details below.

Customer Service Contact:

Australia: 1300 362 393

Under Australian and New Zealand laws, we guarantee this product is of acceptable quality and is fit for purpose.

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