

# **ELECTRIC HOIST FRAME**

INCLUDES  
FITTINGS

HEAVY  
DUTY  
CONSTRUCTION

SUITS  
KP1201 &  
KP1202  
HOISTS

COMPLIES TO  
AS1418  
STANDARDS

**750MM**  
**825KG**  
(MAX)



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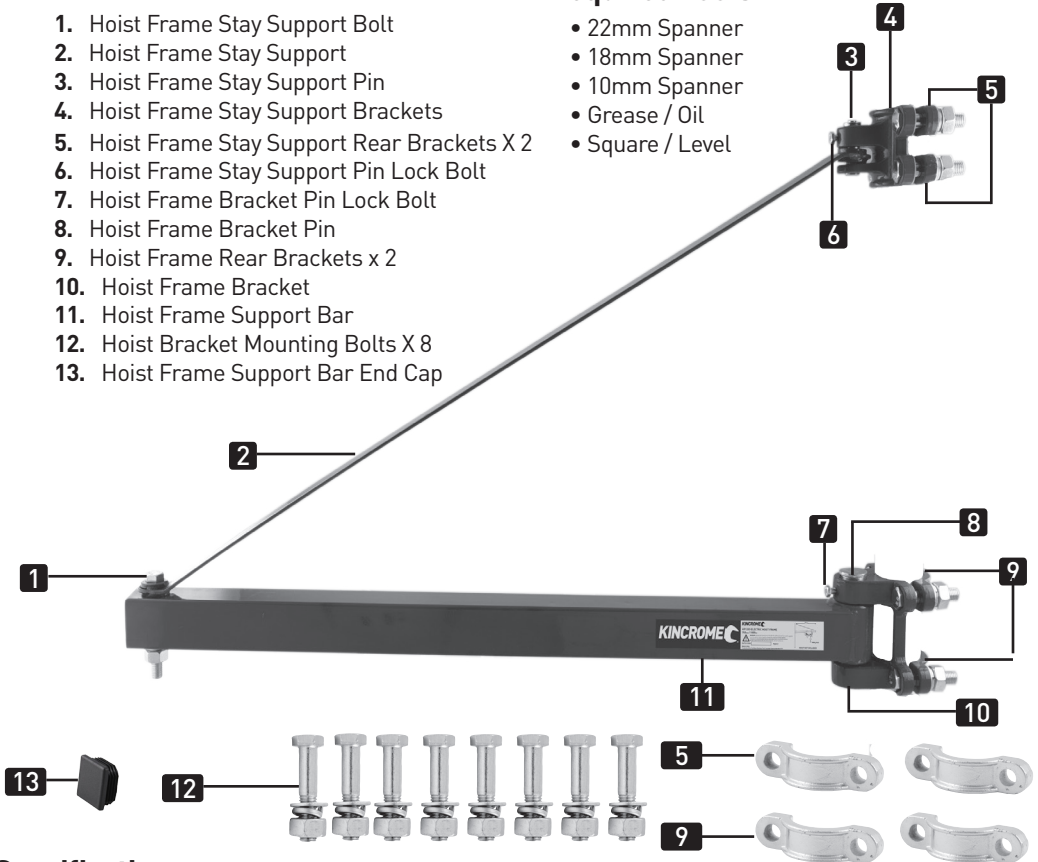
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## Know Your Product

1. Hoist Frame Stay Support Bolt
2. Hoist Frame Stay Support
3. Hoist Frame Stay Support Pin
4. Hoist Frame Stay Support Brackets
5. Hoist Frame Stay Support Rear Brackets X 2
6. Hoist Frame Stay Support Pin Lock Bolt
7. Hoist Frame Bracket Pin Lock Bolt
8. Hoist Frame Bracket Pin
9. Hoist Frame Rear Brackets x 2
10. Hoist Frame Bracket
11. Hoist Frame Support Bar
12. Hoist Bracket Mounting Bolts X 8
13. Hoist Frame Support Bar End Cap

## Required Tools

- 22mm Spanner
- 18mm Spanner
- 10mm Spanner
- Grease / Oil
- Square / Level



## Specifications

|                                      |                                                          |
|--------------------------------------|----------------------------------------------------------|
| Model No: .....                      | KP1204                                                   |
| Load Rating: .....                   | 825kg (Max)                                              |
| Frame Length: .....                  | 750mm                                                    |
| Construction: .....                  | Heavy Duty Steel                                         |
| Included Fittings: .....             | Suitable For 50mm (2") Round Tube Or Flat Steel Mounting |
| Suits: .....                         | KP1201 & KP1202 Electric Lifting Hoist                   |
| Product Standards (Complies To)..... | AS1418                                                   |
| Net Weight: .....                    | 8.8kg                                                    |

## General Safety Warnings



Save all warnings and instructions for future reference.

**WARNING!** Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

### 1) Electric Hoist/Hoist Frame Safety Instructions

- a. Do not attempt to lift loads that exceed the rated load.
- b. Use the machine only for the purpose for which it is designed. Never lift personnel using the electric hoist/hoist frame.
- c. Do not pull the power cable in order to pull out the plug. Protect the power cable from heat, oil and sharp edges.
- d. Never attempt to raise fixed or jammed loads.
- e. Pull out the plug when the electric hoist is not in use.
- f. Do not pull loads sideways or from one side. Do not allow the load to swing.
- g. Ensure that the hook moves in the same direction as shown on the control switch.
- h. Check the hoist frame at regular intervals for signs of damage.
- i. Repair work must only be carried out by a qualified structural engineer; otherwise the hoist frame may cause accidents.
- j. Do not switch the electric hoist ON and OFF quickly (linching mode).
- k. Always concentrate fully when operating the electric hoist.
- l. Do not stand or work under the raised load.

### 2) Service

- a. Have your product serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the product is maintained.

### 3) Symbols on Tool

The following symbols are shown on the tool:



Wear gloves.



Read all safety warnings and all instructions



Warning

## 4) Assembly and Familiarisation of your Electric Hoist Frame



**WARNING:** Ensure your structure can handle the additional load that could be applied once the electric hoist frame is loaded to double the maximum lifting capacity. If unsure, it is recommended that you seek advice from a structural engineer (at your cost) to ensure structural integrity can be maintained.

**Note:** Remove all of the Electric hoist frame components from the box and check that the hoist and its accessories are not damaged during transportation. Dispose of all the packaging and materials thoughtfully and as per your local council guidelines.

## 5) Mounting The Electric Hoist Frame (On 50mm (2") Diameter Structural Tube)

1. Find a suitable structure to mount the electric hoist frame onto that is structurally sound, and can withstand twice the load rating of your winch. Seek professional advice if unsure.
2. Ensure the electric hoist frame is located on a structure that will give you a minimum clearance height of 2100mm from the underside of the lifting hook in it's fully raised position (Fig1).
3. At the calculated height, place the hoist frame bracket (10) and hoist frame rear brackets (9) around the 50mm (2") pole & feed the hoist bracket mounting bolts (12), through the brackets (9 & 10) and secure with the flat washer, spring washer & nut.
- 3a. Check that the hoist frame bracket is the correct height off the ground (Fig 1), then tighten the four hoist bracket mounting bolts (12) securely with a 22mm spanner (Fig 2).

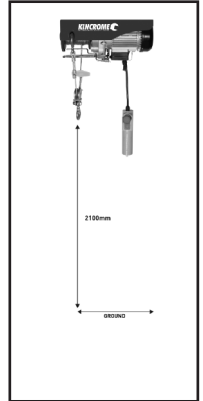


Fig 1



Fig 2

**Note:** Apply some general purpose grease/or oil onto the hoist frame bracket pin (8) and in the bracket pin holes of the hoist frame support bracket (10) (Grease / oil not included).

4. Place the hoist frame support bar (11) between the space of the hoist frame bracket (10) & insert the hoist frame bracket pin (8) (Fig 3).
5. Insert the hoist frame bracket pin lock bolt (7) and with a 10mm spanner, lightly tighten (Fig 4).



Fig 3

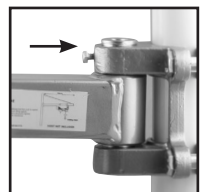


Fig 4

## Mounting The Electric Hoist Frame (Cont.)

### Hoist Frame Stay Support (2)

6. Place the hoist frame stay support bolt through the flat washer, then feed through the hoist frame stay support (2), through the hole in the end of the hoist frame support bar (11). Fit the spring washer and nut then tighten (Fig 5).  
Then get the hoist frame support bar end cap (13) and fit it on the face of the hoist frame support bar (11).
7. Place the hoist stay support bracket (4) and the 2 hoist stay support rear brackets (5) around the 50mm pole approximately 300mm-350mm above the hoist frame bracket.  
Feed through 4 mounting bracket bolts (12), through the holes in the stay support bracket (4) and hoist stay support rear brackets (5). Fit the flat washer, spring washer and nut. Tighten by hand (Fig 6).

**Note:** Apply some general purpose grease/or oil onto the hoist frame stay support bracket pin (3) and in the bracket pin hole of the hoist frame stay support bracket (4) (Grease / oil not included).

8. Place the end of the hoist frame stay support (2) in the space of the hoist stay support bracket (4), and insert the hoist frame stay support pin (3) (Fig 7).
9. Insert the hoist frame stay support pin lock bolt (6) and with a 10mm spanner & lightly tighten (Fig 8).
10. Adjust the hoist frame stay support bracket (4) and hoist frame rear brackets (5) up or down to make the hoist frame support bar (11) sit at a 90° angle to the mounting surface (Fig 9). Once it is at a 90° angle, securely fasten the 4 hoist bracket mounting bolts (12) with a 22mm spanner.

11. Mount your electric lifting hoist as advised in the instruction manual for the KP1201 & KP1202 hoists (Fig 10).

## 6) Mounting The Electric Hoist Frame (Onto a flat/beam surface)

1. Seek advice from a structural engineer (at your cost) when mounting the electric hoist frame onto a flat/beam surface. Mounting instructions will be different depending on the type of structure and / or materials the hoist frame is being mounted to.



Fig 5

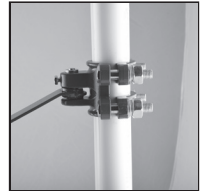


Fig 6

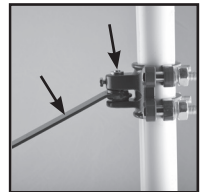


Fig 7



Fig 8

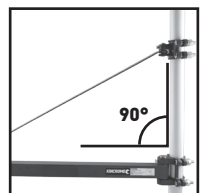


Fig 9



Fig 10

## 7) Spare Parts

- For a full list of available spare parts for this item visit the Kincrome website [kincrome.com.au](http://kincrome.com.au) for reference.
- Type in the part number and then click on the documentation tab for a copy of the parts diagram and listing.

## 8) Warranty

**12  
MONTH  
WARRANTY**

Warranty given by Kincrome Australia Pty Ltd of 3 Lakeview Drive, Caribbean Park, Scoresby, Victoria (Tel 1300 657 528). The applicable warranty period (12 months) commences on the date that the product is purchased. If this product has materials or workmanship defects (other than defects caused by abnormal or non warranted use) you can, at your cost, send the product to place of purchase, an authorised Kincrome service agent or one of Kincromes addresses for repair or replacement. Your rights under this warranty are in addition to any other rights you have under the Australian Consumer Law or other applicable laws. Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure. For further details please visit [www.kincrome.com.au](http://www.kincrome.com.au) or call us. Due to minor changes in design or manufacture, the product you purchase may sometimes differ from the one shown on the packaging.

**IMPORTANT!** If the Electric Hoist or Hoist Frame still fails to operate correctly after you have carried out the above operations, or in the event of anomalies other than those described above, contact Kincrome Customer Service on 1300 657 528 for assistance.

**Notes:**



[www.kincrome.com.au](http://www.kincrome.com.au)