

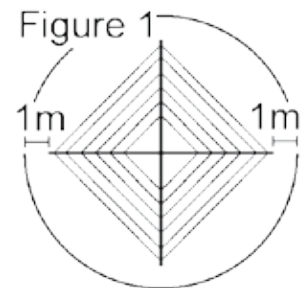
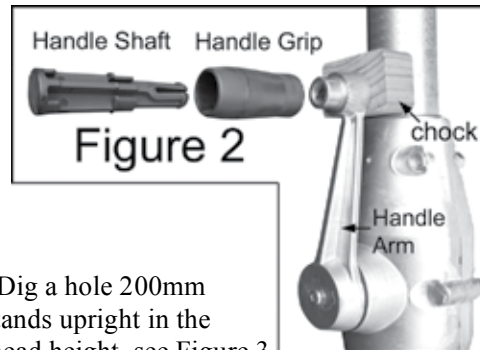
Installation Instructions for: Super, Deluxe, Elite & Special Hoists

Your Austral Rotary Clothes Hoist is designed to last a long time. It is important to follow these instructions so you will enjoy the benefits of a properly installed hoist. Incorrect installation could damage your hoist and/or void your guarantee. If at any time your Austral Hoist should not function correctly or if spare parts are required then call your State Distributor listed on the Guarantee page.

SITE SELECTION & DIGGING (Steps 1 - 3)

1. Select a site that gives 1m clearance to the end of each arm of the hoist (2m more than hoist's diameter), see Figure 1.

2. Place Handle Shaft through Handle Grip then tap into hole in Handle Arm whilst supporting behind the arm with a chock, see Figure 2. Turn the handle anti-clockwise to ensure the hoist is wound down as far as it goes. Fit Handle Cover to models with plastic handle casing.



3. Ensure it is safe to dig at the selected site. Dig a hole 200mm in diameter deep enough so that the column stands upright in the hole and the Reducer is level with the user's head height, see Figure 3. A depth of 450mm will result in the Cross being 1800mm high when hoist is wound down. After height is set, allow column to lean over and rest in the hole.

PARTS SUPPLIED

Qty	Description	Part Number
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All Hoists:

1	Rotary or Helical Column	R/COL or H/COL
4	Arms (2m, 2.5m or 3m)	2m: RH01A, 2.5m: R06A or 3m: R23A
1	Handle Grip, Black Plastic	FRC11
1	Handle Shaft, Black Plastic	FRC12
4	Round End Caps, Black Plastic	R19

Elite, Deluxe & Special: Hoists with Plastic Handle Casing:

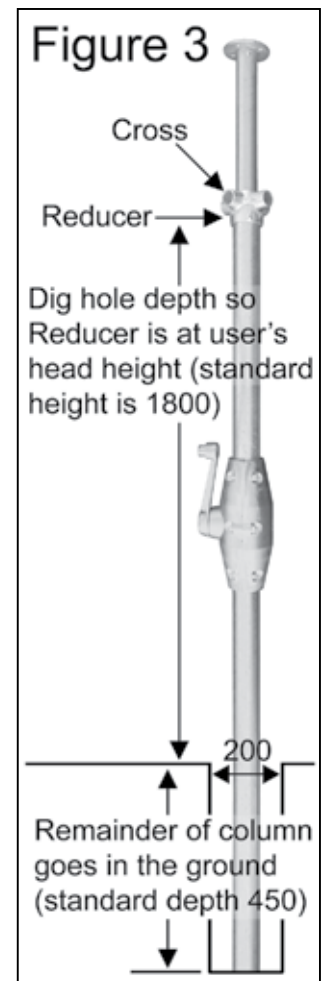
1	Handle Cover, Black Plastic	HE03
1	Steel Rod, 150mm x 8mm	FA24

Super, Deluxe & Elite: Hoists with Tubular Support Stays

4	Tubular Stays (1525mm or 1960mm)	4m models: RH03A, 5&6m models: R08A
4	Bolt, 35mm x 6mm	FA18
4	Bolt, 20mm x 6mm	RH04
8	Nylon Lock Nut, 6mm	FRC22
4	Washer, 6mm	R18

Special: Hoists with Wire Rod Support Stays

4	Wire Rod Stays	RH02A
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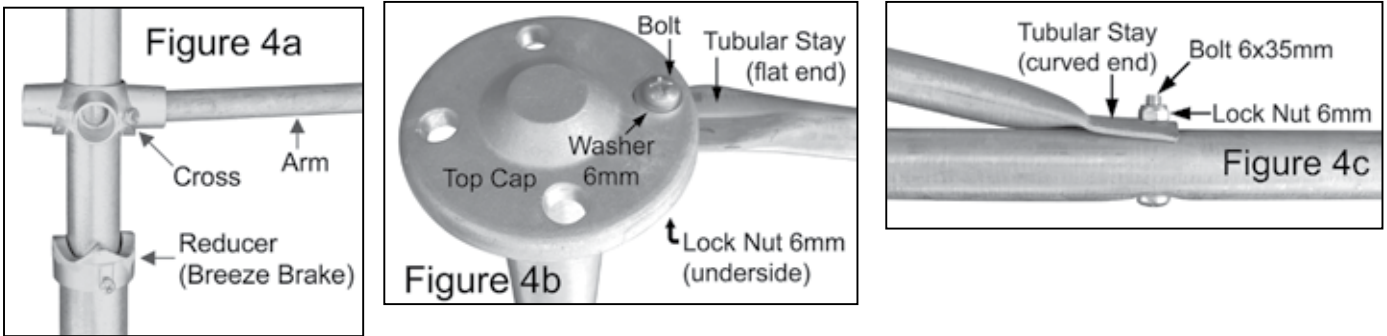


3a. Hoists with Plastic Handle Casing (Elite, Deluxe & Special): Remove the column from the hole and insert the Steel Rod through the pre-drilled holes in the bottom of the column. Place column back in the hole. Other models do not require Steel Rod, they have pressed ends to hold firm in the concrete.

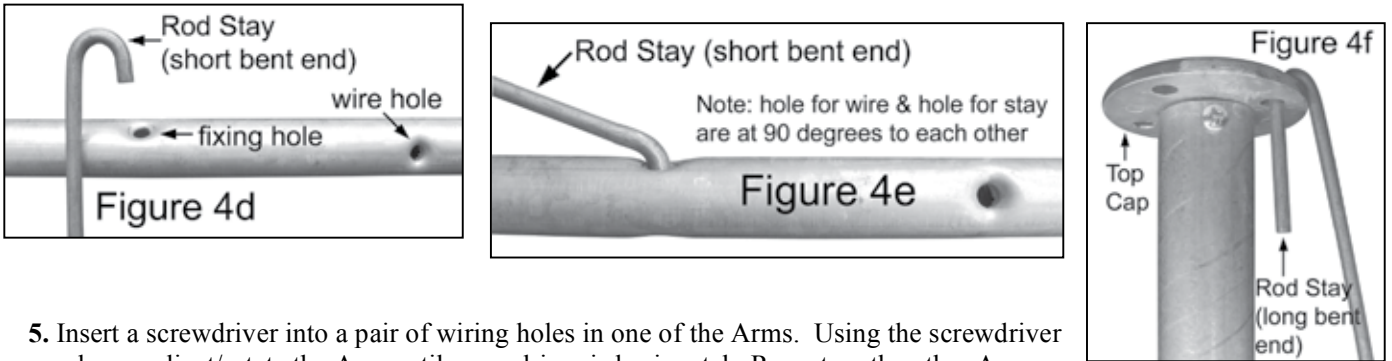
HEAD SECTION ASSEMBLY (Steps 4 – 5)

Note: If you would prefer to concrete the column in before assembling the head section then skip to “CONCRETING (Steps 11-12)”. After allowing the concrete to cure for 48 hours continue with Step 4 onwards.

4i. Tubular Stay models (Super, Deluxe & Elite): Note: Only finger-tighten bolts at first. Tighten firmly after all arms & stays are attached. Put an Arm into the Cross and allow to rest, see Figure 4a. Put a 20mm x 6mm Bolt through a 6mm Washer and fit through the top of the Top Cap. Secure the flat end of a Tubular Stay to the under side of the Top Cap with a 6mm Nylon Lock Nut, see Figure 4b. Locate the pair of punched holes in the Arm that are perpendicular to all the other punched holes. Using these holes, fix the curved end of the Tubular Stay to the Arm with a 35mm x 6mm Bolt and a 6mm Nut, see Figure 4c (Face bolts upwards). Repeat on other Arms. Tighten all nuts & bolts.



4ii. Wire Rod Stay models (Special): Locate the pair of punched holes on the Arm that are perpendicular to all the other punched holes. Using this pair of holes, hook the short bent end of the Wire Rod Stay through one of the holes, see Figure 4d & 4e. Hook the other end of the Wire Rod Stay, the long bent end, through a hole in the Top Cap, see Figure 4f. Swing the Arm out and fit into the Cross, see Figure 4a above.

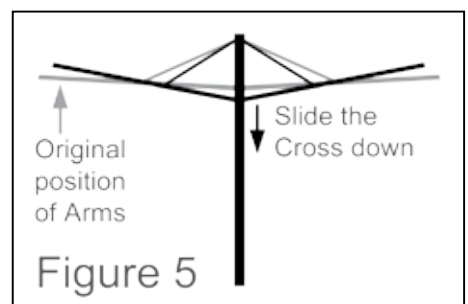


5. Insert a screwdriver into a pair of wiring holes in one of the Arms. Using the screwdriver as a lever, adjust/rotate the Arm until screwdriver is horizontal. Repeat on the other Arms.

WIRING (Steps 6 – 10)

To prevent tangling the wire, do not unwind the wire coil under the clothes hoist. Place the coil 5m or farther from the clothes hoist to pull wire off. Another person may be used to hold and feed the wire as another threads it.

6. From the fully wound down position, wind the hoist up a little, see Figure 4a above. Wind up 150mm for 4m diameter hoists, 100mm for 5m hoists & 75mm for 6m hoists. Loosen the Bolt in the Cross. With the Arms still in the Cross, slide the Cross down to meet the Reducer/Breeze Brake, see Figure 5. Later the Cross will be slid back into place, which further tensions the wires.



7. Note: Each line will have a separate piece of wire.

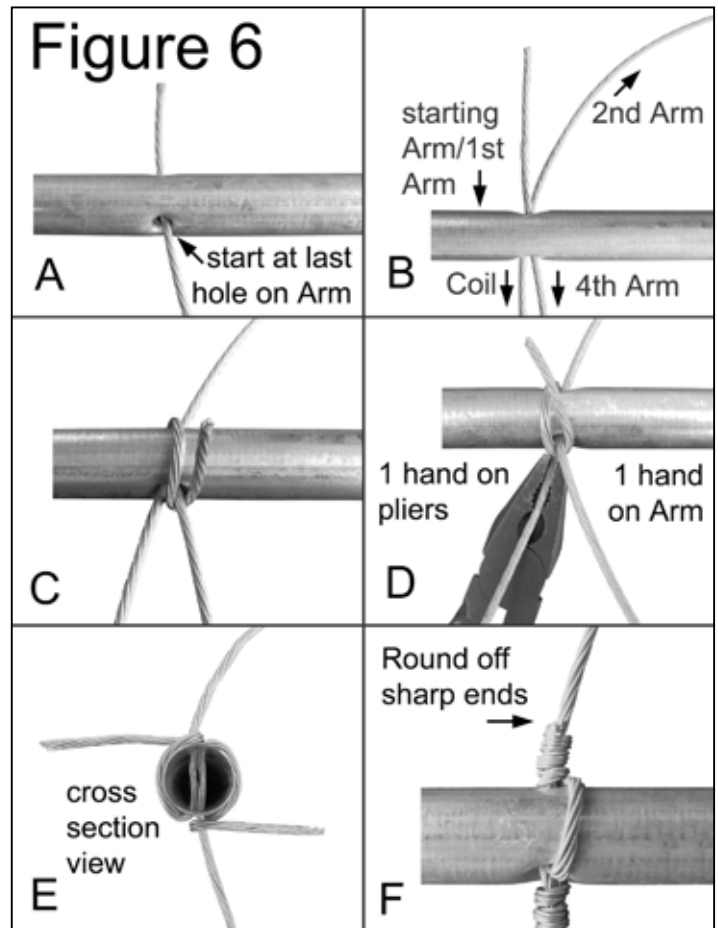
Thread the wire through the outer most hole on each arm, see Figure 6a. When you get back to the start, thread it through the first hole again, see Figure 6b. Bend the loose end over the arm and bend it back around itself, see Figure 6c. Walk around the line and straighten any kinks in the wire by hand. Cut the section of wire running between the coil and the Arm, allow a loose end of about 200mm. Using a pair of pliers or vice grips, pull the loose end *taut whilst pushing against the arm with your other hand, see Figure 6d. When tight, bend the loose end under the arm and bend it back around itself, see Figure 6e. Twist each of the loose ends around itself for 3 or 4 turns and then cut the wire so that the ends are pointing to the ground (ends pointing up will catch clothing). Use pliers to shape the loose ends back into its self and round off any sharp edges, see Figure 6f

*Tensioning should be progressively tighter as you move from the outer most line to the inner most line. The 3 outer lines should be tightened by simply pulling the wire firmly whilst pushing against the arm. The 3 to 4 inner lines should be tightened similarly but with the addition of twisting the pliers and levering them against the arm to gain extra tension. Do not make the outer lines too tight as they are the most effected when the Cross is moved back to its original location.

8. Check the distance between each arm is approximately 90 degrees by standing at the end of each arm and looking along it. Tap the arms sideways to correct their alignment where necessary.

9. Starting on the same arm, repeat step 7 and 8 for the remaining lines. However, thread and tension each wire in the opposite direction to the previous, ie clockwise, counter-clockwise, clockwise etc. This prevents the arms from being pulled too far to one side.

10. After all lines have been wired and tied off, the Cross can be moved back into place (doing so will add tension to the lines). Wind the column all the way back down whilst pulling down on the Top Cap. Ensure the Arms/Cross lineup with the holes in the Top Cap. Then re-tighten the bolt in the Cross. Fit the 4 Round End Caps.



CONCRETING (Steps 11 – 12)

11. Mix concrete in the ratio of 4 gravel, 2 sand and 1 cement or simply use premixed concrete packs. To hold the column erect, the concrete must be mixed fairly dry. The concrete should be wet enough that it sticks to itself when squeezed in the hand, it should not crumble.

12. Add concrete to the hole with the column resting in it. Fill until 50mm from finished ground level. Stand the column upright, check it is perpendicular using a level. Ram the concrete tight so it holds the column in place. If the concrete has dropped below 50mm below ground level top up with more concrete. Check perpendicular and ram tight again. Fill the last 50mm of the hole with soil, check for perpendicular and ram tight. Check perpendicular once more for final position.

*****DO NOT USE FOR 48 HOURS*****

MAINTENANCE & POINTERS TO ENSURE LONG LIFE OF YOUR HOIST

- Occasionally check all nuts and bolts for tightness.
- Leave head section wound up a couple of turns when hoist is not in use.
- Only wind hoist right down when pegging out or removing clothes.
- Reapply grease inside the handle gearbox every few years (ants bring in dirt to build nests when grease is absent).

Guarantee

10-Year Structural Guarantee

Austral Clothes Hoists Pty. Ltd. guarantee the tubular frame from breakage caused by rust and distortion on all colour coated metal products for a period of ten years, given fair wear and tear.

12 Month Product Guarantee

Austral Clothes Hoists Pty. Ltd. guarantee to replace any part that has failed to operate correctly due to faulty workmanship or defective materials free of charge for a period of twelve months from the date of purchase.

- * Evidence of unfair usage or incorrect adjustments will void this Guarantee.
- * Storm damage and other acts of nature which result in damage to the product is not considered to be warrantable.
- * Austral Clothes Hoists Pty. Ltd. will not be responsible for any costs in connection with freight or postage, or for any expenditure necessary to facilitate on site replacement of defective parts.

Please contact your local Distributor below for your nearest stockist of spare parts and accessories.

VICTORIA / TASMANIA	(03) 9706 7577
NSW / ACT	(02) 9958 1533
STH AUST. / N.T.	(08) 8337 4445
QUEENSLAND	(07) 5592 4546
WEST AUSTRALIA	(08) 9455 1985