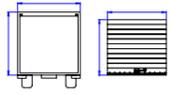
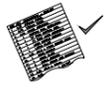


CHECK:

* Door is to ordered size.



* All parts are present as listed.



N.B. The door and related parts will fit together and into your unit in a straight forward, easy way. If the parts do not seem to fit correctly, DO NOT use force. Contact us straight away.

HEALTH AND SAFETY AT WORK ACT 1974

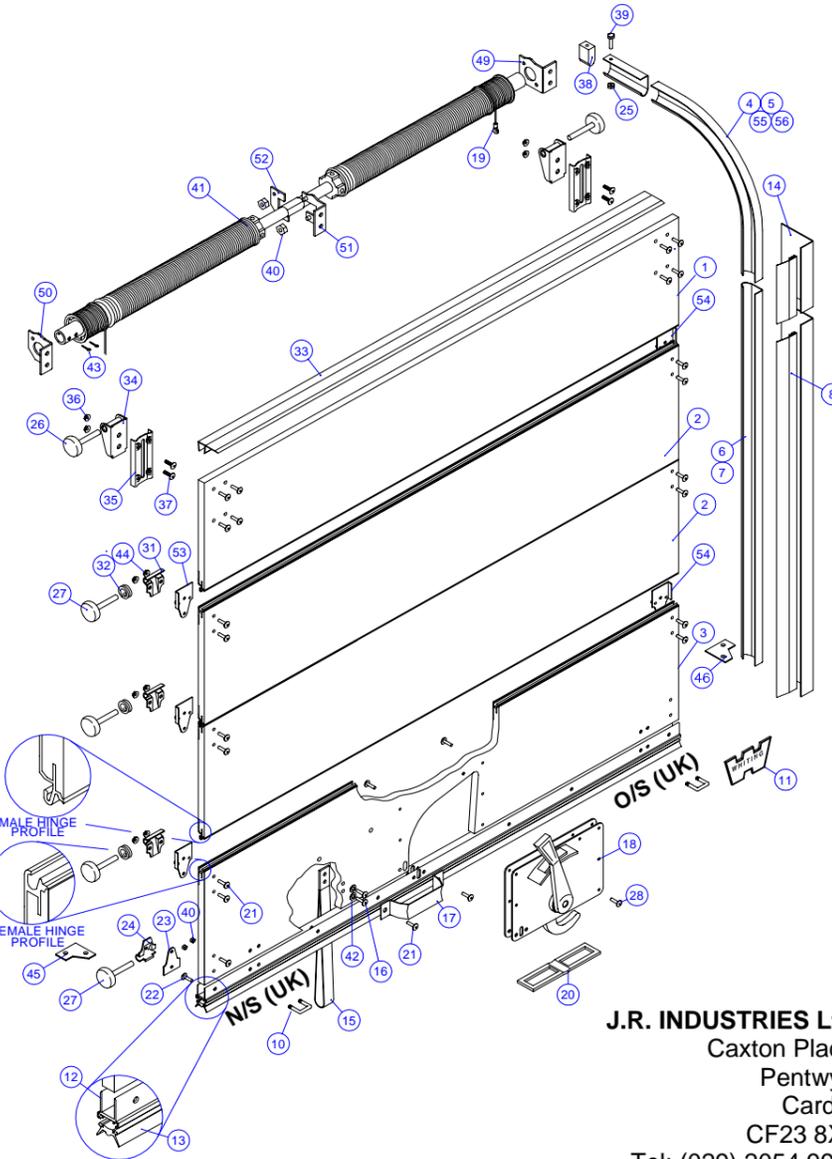
Users are reminded of their obligation to ensure that all persons involved in handling, installing, disposing of this product are made aware of these notes and that sufficient information is passed to your customer to comply with the Act. In particular, note that under no circumstances should the vehicle in which the shutter is fitted be driven or be in motion at all when the shutter is in the open position.



EXCEL FITTING INSTRUCTIONS

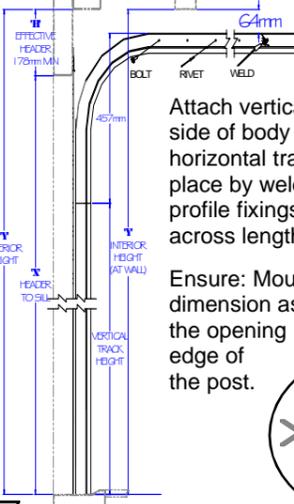
IF IN DOUBT OR DELIVERED ITEMS NOT DETAILED, REFER TO:

- 1 TOP, INTERMEDIATE & BOTTOM PANELS VARY ACCORDING TO DOOR NUMBER
- 2 AVAILABLE PLAIN OR COMPLETE WITH HARDWARE
- 3 HORIZONTAL TRACK 254mm(10") RADIUS-O/S
- 4 HORIZONTAL TRACK 254mm(10") RADIUS-N/S
- 5 VERTICAL TRACK-OFFSIDE
- 6 VERTICAL TRACK-NEARSIDE
- 7 SIDE SEAL
- 8
- 9
- 10 U BOLT-CABLE ANCHOR
- 11 NAME PLATE
- 12 BOTTOM U CHANNEL (ALUMINIUM)
- 13 BOTTOM SEAL
- 14 MOUNTING ANGLE 57mm x 63mm
- 15 PULL DOWN STRAP STANDARD LENGTH (19")
- 16 RIVET-SEMI-TUBULAR(1/4" x 1-3/16")
- 17 GRAB HANDLE E-COATED
- 18 70 TYPE LOCK ASSEMBLY E-COATED
- 19 CABLE-3175mm(125")
- 20 LATCH PLATE
- 21 RIVET-SEMI-TUBULAR(1/4" x 1")
- 22 RIVET-SEMI-TUBULAR(1/4" x 1-1/8")
- 23 BOTTOM ROLLER BRACKET
- 24 BOTTOM ROLLER COVER
- 25 KEP NUT M6
- 26 TRACK ROLLER(STEEL)
- 27 TRACK ROLLER(NYLON)
- 28 RIVET-SEMI-TUBULAR(1/4" x 1-13/32")
- 29 ROLLER HINGE E-COATED
- 30 CENTER HINGE E-COATED
- 31 ROLLER CLAMP E-COATED
- 32 SPACER WASHER-ROLLER SHAFT
- 33 TOP SEAL(DUAL DUROMETER)
- 34 TOP CLOSURE SLIDE E-COATED
- 35 TOP CLOSURE BASE E-COATED
- 36 TOP CLOSURE NUT
- 37 TOP CLOSURE BOLT
- 38 TRACK STOP BUMPER
- 39 BOLT M6 x 63mm
- 40 WHIZ NUT M8
- 41 BALANCER ASSEMBLY
- 42 PENNY WASHER
- 43 5 x 38 SPLIT PIN
- 44 KNURL PIN FOR JOINING DETACHABLE PANELS
- 45 CORNER PLATE N/SIDE
- 46 CORNER PLATE O/SIDE
- 47 77 TYPE LOCK ASSEMBLY E-COATED
- 48 LOCK HANDLE KEEPER
- 49 BALANCER MOUNTING BRACKET O/S
- 50 BALANCER MOUNTING BRACKET N/S
- 51 BALANCER MOUNTING BRACKET CENTRE
- 52 BALANCER MOUNTING BRACKET TORQUE
- 53 MALE HALF HINGE
- 54 FEMALE CENTRE HALF HINGE
- 55 FEMALE HALF HINGE (WITH STUDS)
- 56 HORIZONTAL TRACK 203mm(8") RADIUS-O/S
- 57 HORIZONTAL TRACK 203mm(8") RADIUS-N/S



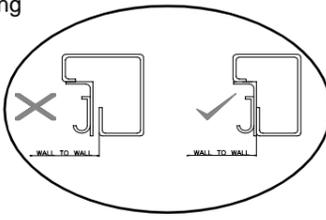
J.R. INDUSTRIES Ltd.
Caxton Place,
Pentwyn,
Cardiff.
CF23 8XN
Tel: (029) 2054 9966
Fax: (029) 2054 9046

TRACKS



Attach vertical track and mounting angle to side of body inside corner post. Line horizontal track up with vertical and fix in place by welding, bolts or rivets (using low profile fixings.) Ensure track is parallel across length.

Ensure: Mounting angle installed to 'S' dimension as ordered, not automatically the opening edge of the post.



2

BALANCER

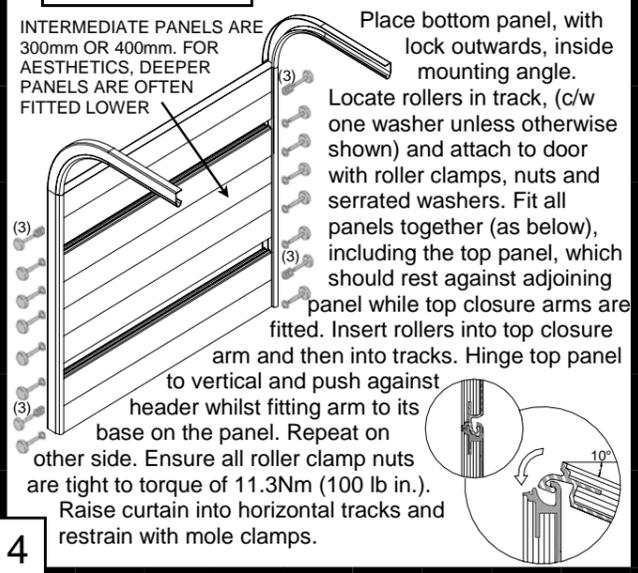


Find centre line of body and mark end bracket positions (see diagram.) Weld or bolt brackets as close to roof as possible. Insert balancer with red end on the right (viewed from inside the body.) Insert split pins on either side of right hand bracket and open out to retain in position.

NB. These instructions are correct for 2376 balancer as pictured. For other balancers please contact us.

3

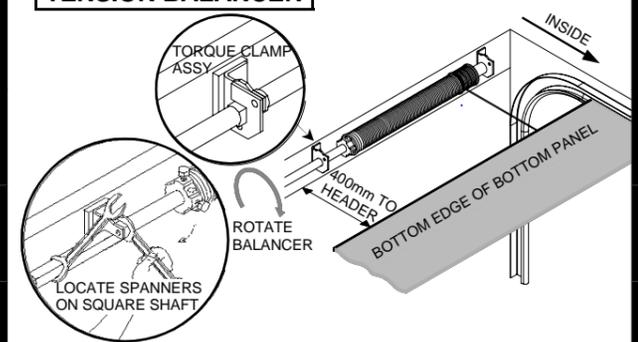
CURTAIN



Place bottom panel, with lock outwards, inside mounting angle. Locate rollers in track, (c/w one washer unless otherwise shown) and attach to door with roller clamps, nuts and serrated washers. Fit all panels together (as below), including the top panel, which should rest against adjoining panel while top closure arms are fitted. Insert rollers into top closure arm and then into tracks. Hinge top panel to vertical and push against header whilst fitting arm to its base on the panel. Repeat on other side. Ensure all roller clamp nuts are tight to torque of 11.3Nm (100 lb in.). Raise curtain into horizontal tracks and restrain with mole clamps.

4

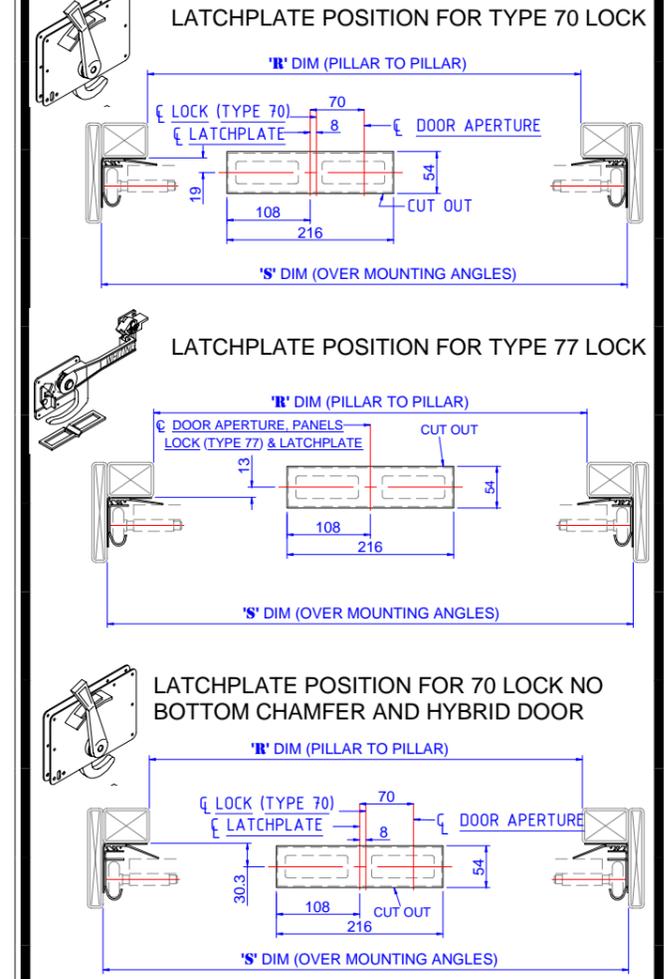
TENSION BALANCER



Restrain door in horizontal tracks 400mm (16") from header. Remove torque clamp from balancer centre bracket. Insert U bolt anchors through cable eyelets and refit U bolts to curtain. Ensure cable eyelets can pivot freely. Tension balancer from inside body using two 21mm open end spanners. DO NOT RELEASE SPRING ANCHOR CONE SET SCREWS. After three to six full turns, hold tension with one spanner and secure torque clamp. Test door and repeat if necessary.

5

LATCHPLATE

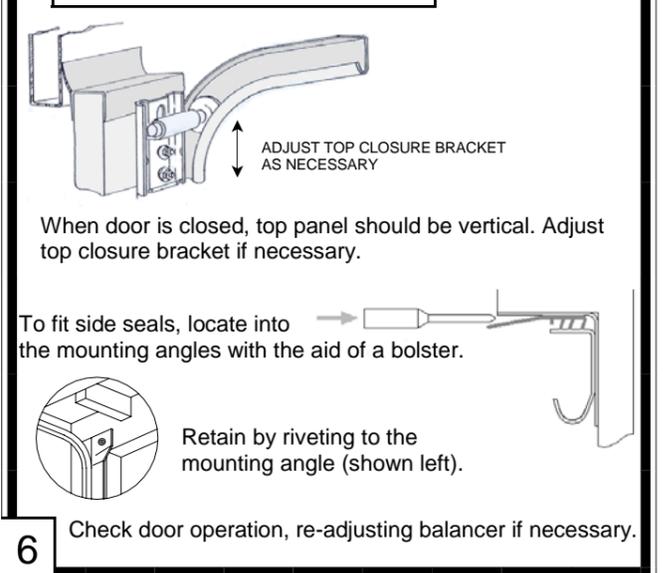


Align latchplate as shown by appropriate diagram. Use latchplate as template to mark area to be cut out. When fitted, the upper face of the latch plate MUST be flush with and parallel to the surface the door closes against. The latch plate can be welded or bolted in place.

As an additional check, reference can be made to the gauge marks on the front of the lock.

7

TOP CLOSURE & SIDE SEALS



When door is closed, top panel should be vertical. Adjust top closure bracket if necessary.

To fit side seals, locate into the mounting angles with the aid of a bolster.

Retain by riveting to the mounting angle (shown left).

6

Check door operation, re-adjusting balancer if necessary.