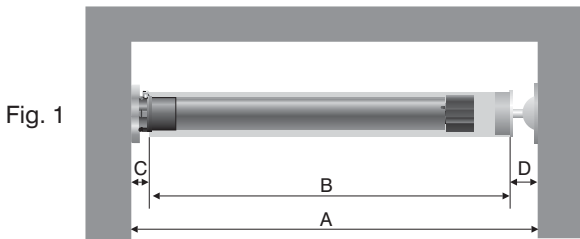
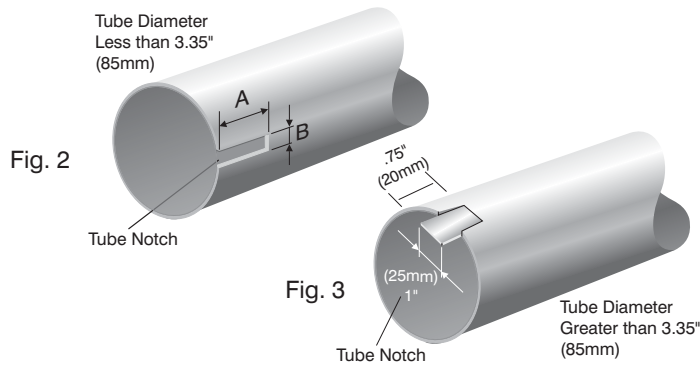


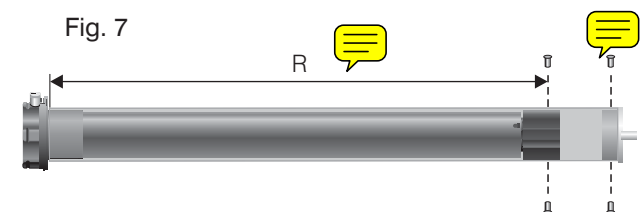
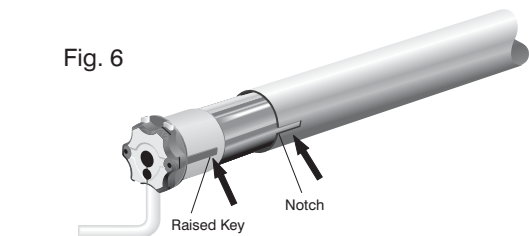
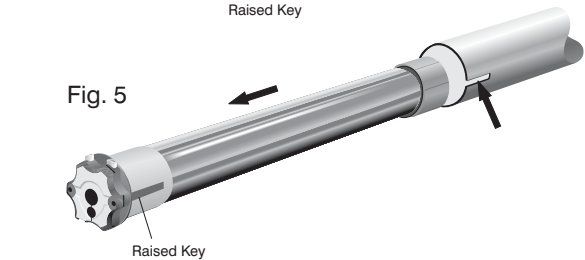
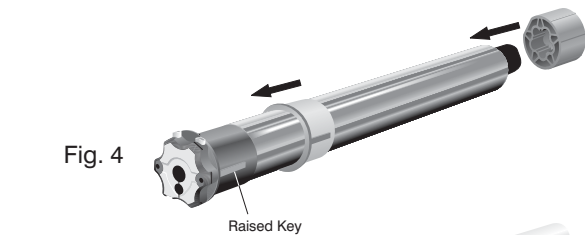
"Click" On the Notes to reveal full text. Mousing over will not reveal all of text.



$$B = A - (C + D)$$



Notch: LT50 Length = 25 mm Width = 4 mm
 LT60 Length = 35 mm Width = 8 mm



1. TUBE PREPARATION

- Cut the tube to the required length (B), taking into account the width of the installation (A), the motor end clearance (C), and the idler end clearance (D). (See Fig. 1)
- USE FORMULA TO DETERMINE MEASUREMENTS.
- Remove all burrs from the ends of the tube and ensure that the inside of the tube is clean.
- For all round tube sizes up to 3.35" (85 mm) inclusive, notch the tube on the motor end to the dimensions A & B. (See Fig. 2)
- For all tubes over 3.35" (85 mm) form a tongue in the motor end of the tube by making two cuts 1" (25 mm) apart and .75" (20 mm) deep. (See Fig. 3)

2. PREPARING THE TUBULAR MOTOR

- Place the crown wheel over the body of the motor. Slide the slot in the motor crown over the raised key on the motor's limit switch unit. (See Fig. 4)
 A crown is not necessary on
 - 2.0" Tube when used with LT50, and
 - 2.5" Tube with LT60.
- Fit the drive wheel on to the output shaft of the motor. There are two types of LT drive wheels: Removable or "SOFT CLIP" type, and fixed or "HARD CLIP" type. The "SOFT CLIP" drives are only available for round tubes in 2.0", 2.5", and 2.75" diameters. The drive wheel can be removed by physically pulling it off the motor shaft. For the ease of identification all "SOFT CLIP" drives are **BROWN**. The "HARD CLIP" drives can only be removed from the shaft by pressing the two clips inward at the same time. The motor must be out of the tube in order to have access to the clips. These drives are **BLACK**.

3. FITTING THE MOTOR INTO THE TUBE

- For round tubes: Measure the drilling length R according to the motor type listed in the table below. Fit the motor into the tube ensuring that the notch at the end of the tube slides over the raised key on the crown wheel. (See Fig. 5, 6)
- Secure the drive wheel to the tube using four 7/32 steel pop rivets or four 1/4 DIA. screws. Fit the end plug into the other side of the tube and secure it with three steel pop rivets. Use only fasteners with steel grades SAE 5 or higher. Metric fasteners must be grade 8.8 or higher. (See Fig. 7)

4. SUPPLY CABLE OUTPUT

- AXIAL OUTPUT: Pass the supply cable through the center hole of the yellow motor head cover. (See Fig. 5)
- RADIAL OUTPUT: Pass the supply cable through the groove in the motor head. (See Fig. 6)

LT50

MOTOR TYPE	R in. / mm	MOTOR TYPE	R in. / mm
504S2	19.29/490	520R2	20.08/510
506S2	20.08/510	525A2	21.26/540
510S2	21.26/540	530R2	21.26/540
510R2	19.29/490	535A2	23.23/590
515S2	23.23/590	540R2	23.23/590
515A2	20.08/510	550R2	23.23/590

LT60

MOTOR TYPE	R in. / mm
660R2	25.3/642
680R2	25.3/642
6100R2	25.3/642