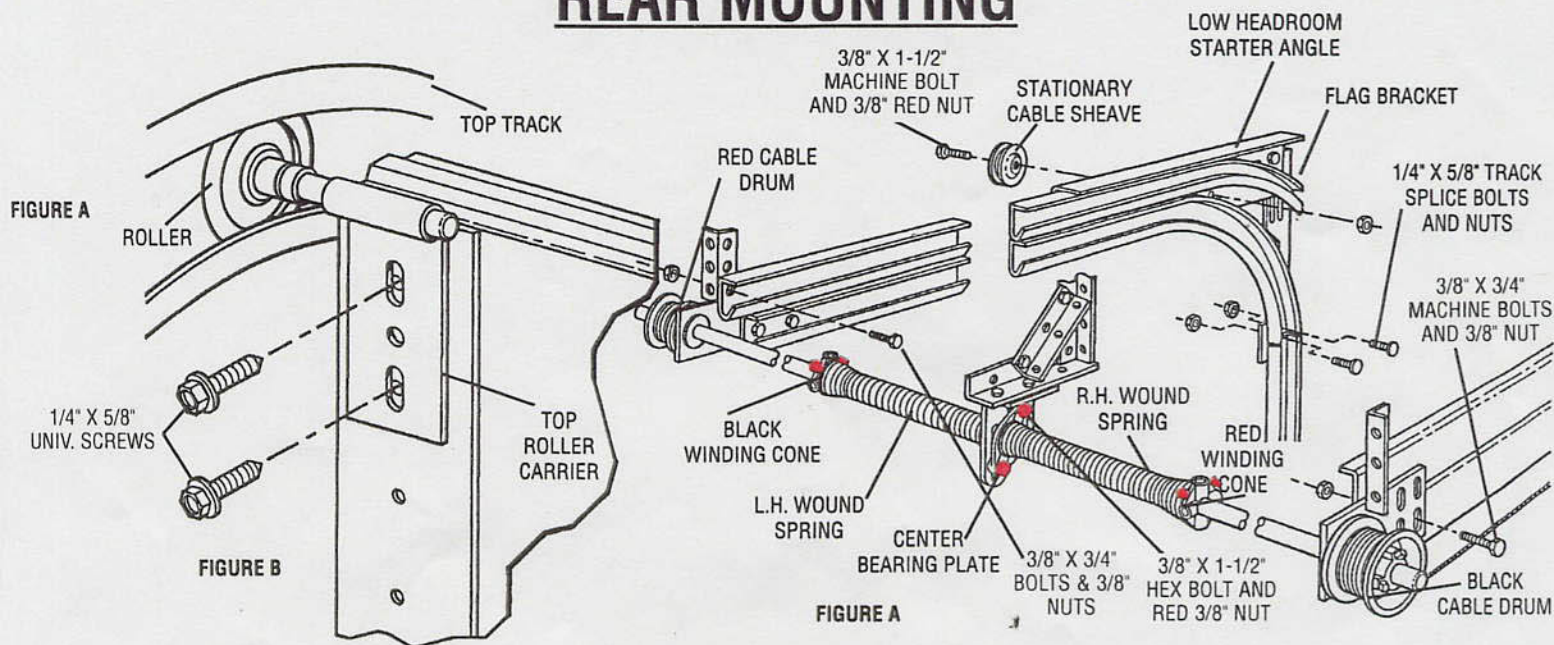


DOUBLE TRACK LOW HEADROOM TORSION SPRING INSTRUCTIONS

REAR MOUNTING



Low headroom installation requires special bottom brackets (Fig. C.) and top roller carriers (Fig. B) installed to the door sections.

Mount end bearing plates on end of horizontal track with 3/8" x 3/4" bolts and nuts.

Assemble torsion springs and center bearing plate and bearing on shaft as shown. Fasten stationary cone of spring(s) to center bearing plate with 3/8" x 1-1/2" machine bolts and 3/8" red nuts. (If only one spring is furnished, follow color code of spring you have.)

Insert spring assembly through bearing on each side. Place cable drums on ends of shaft (outside the bearing brackets) against the bearing race sleeve with the set screws to the outside. Black drums on the right; red on the left.

Shaft must extend through the bearing brackets approximately the same distance on each side. Bolt the center bearing plate to the center hanger. Make certain shaft is level before fastening.

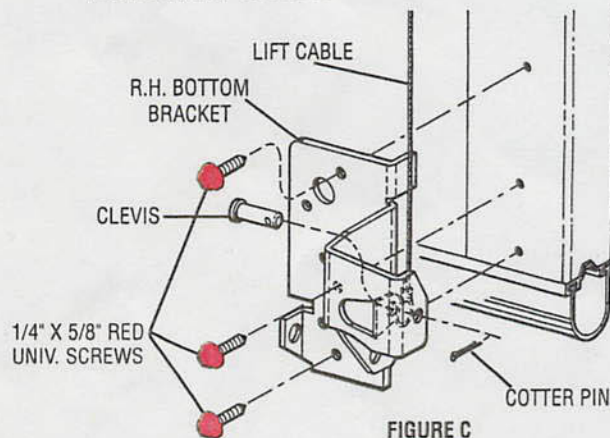
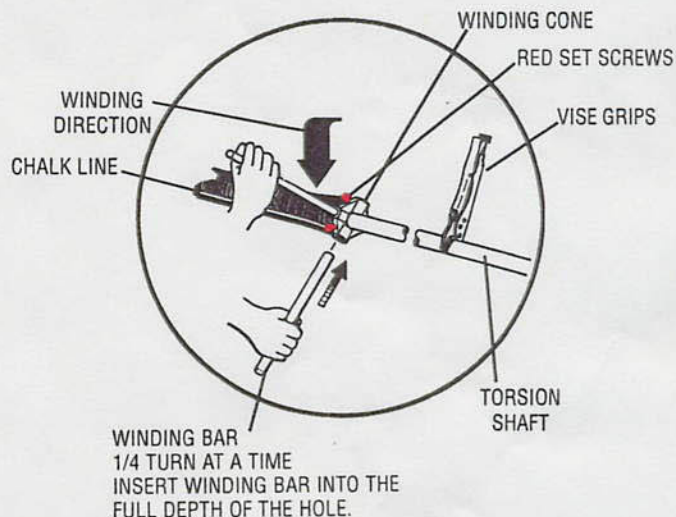
Install stationary cable sheaves on low headroom starter angles with 1/2 x 1-1/2" machine bolts and nuts. Secure the cable to the special bottom bracket with a clevis and cotter pin. Thread cable over cable sheave and to the drum. Start cable on black drum from the underside and insert cable end into the drum slot. Wind the drum until the cable is tight. Make sure the slot is facing the installer and tighten the set screws on the drum. To keep the shaft from counter revolving use a vise grip pliers to grip shaft and contact to some part of the horizontal track.

Secure and wind cable on the red drum the same as you did the black drum.

Wind the spring in the direction indicated. Follow steps 8 and 9 of the torsion spring installation instructions.

Install top roller in the top roller carrier and insert roller in the upper track of dual track as shown in Figure B.

Make final adjustments per steps 19 to 23 of the installation instructions.



⚠ DANGER ⚠
Do not attempt to remove, repair, or adjust torsion or extension spring assemblies, red-coated fasteners, or the hardware to which the red-coated fasteners are attached.

⚠ WARNING ⚠
Failure to comply with these instructions invalidates the warranty.

Amarr
GARAGE DOORS

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