

# Series 3 Technician's Installation and Service Training Manual

## Commercial Operator Front Mount Low Head Room Torsion Mounting

### Mounting:

Front mount low head room mounting is feasible with the ZAP operator.

Depending upon the cable drum width and or diameter, it may require either a larger or additional torque arm to facilitate reaching around the cable drum to mount to the track assembly, developing a separate mounting point for the torque arm altogether.

If it is required to develop a separate mounting point it is important to note that the mounting should not be into a masonry wall. The push and pull torque of the operation of the operator will cause the mounting bracket to pull free from masonry over time.

### Clearance:

If additional clearance is required in the opening it is feasible to reverse the cable drums and torsion springs to allow the cables to come off of the interior side of the cable drum. This will allow for additional door clearance in the opening. Consult you door manufacturer for proper methods on reversing your torsion springs and cable drums to gain this additional clearance.



### ZAP Series 3 Simply Logical

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