A - Part number and quantity of the hardware is dependent on the door size

B - These installation instructions are designed for use by professional garage door installers ONLY. Certain operations necessary to correctly install this door are EXTREMELY DANGEROUS and must be performed ONLY by qualified garage door professionals. Failure to properly follow all installation instructions could result in severe injury to the installer or user of the door.

C - An overhead door imparts complex stresses to a building's structure and requires correct framing techniques to avoid premature hardware failure. DO NOT attempt to install an overhead door directly onto a building's structural framework (studs). DO NOT install overhead door hardware onto drywall even if there is sufficient backing. The drywall crumbles under pressure, causing the hardware to loosen away from the wall.

D - Illustration and part number of “Torson Springs” may not reflect the product in your package. Please seek specific installation instructions for your application.
1. BEFORE PLACING FIRST SECTION ON THE FLOOR, FASTEN BOTTOM BRACKETS (12, 13) AND #1 HINGES (14), INSERT ROLLERS (8)

1.2. QUANTITY OF INTERMEDIATE HINGES AND ROWS (1 OR 2) MAY VARY (DEPENDS ON THE DOOR SIZE)

1.3. IF REQUIRED, USE SHIMS (NOT SUPPLIED) TO LEVEL FIRST SECTION

2.1. PREASSEMBLE TRACK BRACKETS (18) & END BEARING PLATE (2 & 3) TO TRACKS (19 & 20) (DO NOT TIGHTEN AT THIS TIME)

2.2. ON BOTH TRACKS USE SCREWDRIVER TO ALIGN THE HOLE IN THE TRACK WITH TOP OF THE SIDE HINGE #1 ROLLER (TRACK SHOULD BE ≥ 1/4" ABOVE THE FLOOR)

2.3. PUSH THE TRACK AGAINST THE ROLLERS & PLUMB THE TRACK (KEEP DISTANCE BETWEEN DIMPLES OF ROLLER SHAFT AND HINGE TUBE = 1/8")

2.4. FASTEN TRACK BRACKETS & END BEARING PLATE TO THE MOUNTING SURFACE, TIGHTEN ALL BOLTS AND NUTS

2.5. BEND SAFETY TAB

3. INSTALLATION OF REMAINING SECTIONS REQUIRES TWO PERSONS

3.1. PLACE THE SECTION, INSERT THE ROLLERS INTO THE TRACKS, SLIDE HINGES ONTO ROLLER SHAFTS AND FASTEN THEM TO THE TOP OF THE SECTION

3.2. FASTEN HINGES ON THE BOTTOM OF THE SECTION

SEQUENTIALLY PLACE REMAINING SECTIONS INSERT ROLLERS & FASTEN HINGES

4. PULL TOP ROLLER(8) AGAINST THE TRACK TIGHTEN BOLT(25) & NUT(30)

5. QUANTITY OF INTERMEDIATE HINGES AND ROWS (1 OR 2) MAY VARY (DEPENDS ON THE DOOR SIZE)

6. Anchor into a structurally sound member. If you have 1/2" drywall between anchor bracket and wood studs, replace with 1/2" plywood. If the center bearing plate is not securely fastened to a structurally sound wood member, the bracket can suddenly break loose and cause extreme bodily injury

7.1. USE LOCKING PLIERS TO PREVENT TUBE FROM TURNING.

7.2. ROTATE DRUM TO WIND UP EXTRA CABLE, PUSH DRUM AGAINST END BEARING PLATE, TIGHTEN DRUM SET SCREW FULL TURN AFTER IT COME IN CONTACT WITH TUBE.

7.3. TAKE CARE TO TENSION CABLE ON BOTH SIDE EQUALLY.

8. DANGER! TORSION SPRING CAN CAUSE SEVERE INJURY! IF YOU ARE NOT SURE, STOP NOW! SEEK TRAINED PERSONNEL.

USE LOCKING PLIERS TO PREVENT TUBE TURNING

LIFTING CABLE INSTALLATION

WINDING TORSION SPRING

Wind each spring the required amount in 1/4 turn increments

7 ft high doors with 400-8 drums require 7-1/2 full turns (30-1/4 turns)

8 ft high doors with 400-8 drums require 8-1/2 full turns (34-1/4 turns)

Tighten set screws on spring cones 4 "quarter turns" after set screws come in contact with the torsion tube shaft.