

# Wiring and Limit Setting Instructions 140nm—300nm Tubular Motors



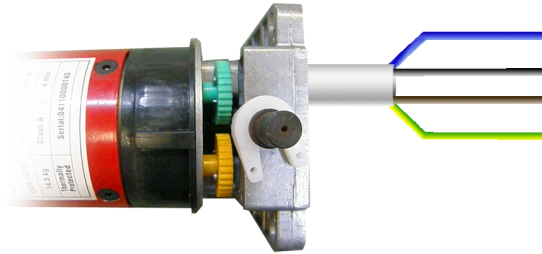
Encore Series Motors  
without override:

- TMUS92S-140/12
- TMUS92S-180/12
- TMUS92S-230/12
- TMUS92S-300/8

Encore Series Motors  
with manual override:

- TMUS92M-140/12
- TMUS92M-180/12
- TMUS92M-230/12
- TMUS92M-300/8

## Wiring Instructions

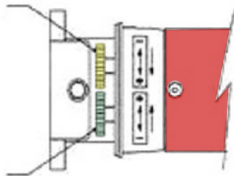


Blue = Neutral  
Black = Direction 1  
Brown = Direction 2  
Green/Yellow = Earth

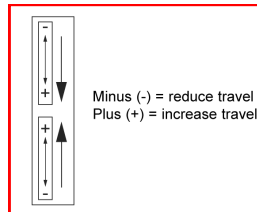
Note: After wiring motor, attach to power source to test motor direction. If operating in wrong direction, switch the black and brown directional wires.

## Setting Limits: Left Side Mount

Yellow limit  
setting wheel



Green limit  
setting wheel



Note: For left side mount, Yellow setting wheel adjusts upper limit and Green setting wheel adjusts lower limit

### To set lower limit for left side mount:

1. Press DOWN Button on remote to lower the curtain
2. **If curtain stops automatically before reaching desired position**, turn GREEN setting wheel in PLUS (+) direction until curtain reaches desired lower limit. Lower limit is now set. (IMPORTANT: DO NOT PRESS STOP PRIOR TO ADJUSTING GREEN SETTING WHEEL.)
3. **If curtain does not stop automatically before reaching desired position**, press STOP when it reaches the desired lower limit.
4. Rotate GREEN setting wheel toward Minus (-).
5. Press UP Button on remote raising curtain approximately half way and press STOP. Press DOWN Button to test lower limit again, making sure to press STOP at lower limit if curtain does not stop automatically before reaching lower limit.
6. Repeat steps #4 and #5 until curtain stops automatically BEFORE REACHING LOWER LIMIT. Once curtain stops before reaching the lower limit, repeat step #2

### To set upper limit for left side mount:

7. Press UP Button on remote to raise the curtain
8. **If curtain stops automatically before reaching desired position**, turn YELLOW setting wheel in PLUS (+) direction until curtain reaches desired upper limit. Upper limit is now set. (IMPORTANT: DO NOT PRESS STOP PRIOR TO ADJUSTING YELLOW SETTING WHEEL.)
9. **If curtain does not stop automatically before reaching desired position**, press STOP when it reaches the desired upper limit.
10. Rotate YELLOW setting wheel toward Minus (-).
11. Press DOWN Button on remote lowering curtain approximately half way and press STOP. Press UP Button to test upper limit again, making sure to press STOP at upper limit if curtain does not stop automatically before reaching upper limit.
12. Repeat steps #10 and #11 until curtain stops automatically BEFORE REACHING UPPER LIMIT. Once curtain stops before reaching the upper limit, repeat step #8



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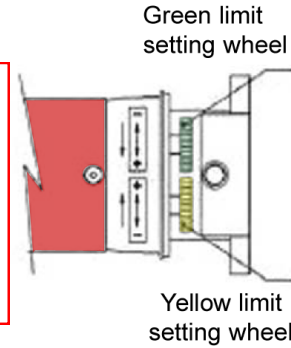
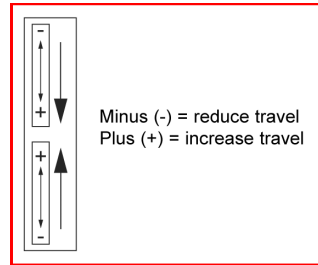
Tubular Motors with built-in receivers are covered  
by a Full 3 Year 100% Replacement Warranty.



# Wiring and Limit Setting Instructions 140nm—300nm Tubular Motors

## Setting Limits: Right Side Mount

Note: For right side mount, Green setting wheel adjusts upper limit and Yellow setting wheel adjusts lower limit












### To set lower limit for right side mount:

1. Press DOWN Button on remote to lower the curtain
2. **If curtain stops automatically before reaching desired position**, turn **YELLOW** setting wheel in PLUS ( + ) direction until curtain reaches desired lower limit. Lower limit is now set. (IMPORTANT: DO NOT PRESS STOP PRIOR TO ADJUSTING **YELLOW** SETTING WHEEL.)
3. **If curtain does not stop automatically before reaching desired position**, press STOP when it reaches the desired lower limit.
4. Rotate **YELLOW** setting wheel toward Minus ( - ).
5. Press UP Button on remote raising curtain approximately half way and press STOP. Press DOWN Button to test lower limit again, making sure to press STOP at lower limit if curtain does not stop automatically before reaching lower limit.
6. Repeat steps #4 and #5 until curtain stops automatically BEFORE REACHING LOWER LIMIT. Once curtain stops before reaching the lower limit, repeat step #2

### To set upper limit for right side mount:

7. Press UP Button on remote to raise the curtain
8. **If curtain stops automatically before reaching desired position**, turn **GREEN** setting wheel in PLUS ( + ) direction until curtain reaches desired upper limit. Upper limit is now set. (IMPORTANT: DO NOT PRESS STOP PRIOR TO ADJUSTING **GREEN** SETTING WHEEL.)
9. **If curtain does not stop automatically before reaching desired position**, press STOP when it reaches the desired upper limit.
10. Rotate **GREEN** setting wheel toward Minus ( - ).
11. Press DOWN Button on remote lowering curtain approximately half way and press STOP. Press UP Button to test upper limit again, making sure to press STOP at upper limit if curtain does not stop automatically before reaching upper limit.
12. Repeat steps #10 and #11 until curtain stops automatically BEFORE REACHING UPPER LIMIT. Once curtain stops before reaching the upper limit, repeat step #8

IMPORTANT SAFETY INSTRUCTIONS FOR THE USER

-  Caution! Non-compliance can result in serious injury.
-  Any work on the electrical installation including servicing may only be performed by a qualified electrician.
-  Do not allow children to play with the controls.
-  Check shutter or sun-blind system regularly for signs of wear and damage. Damaged systems should not be used under any circumstances until such time as they have been repaired.
-  Observe shutter or sun-blind system carefully whilst in operation.
-  Switch off shutter or sun-blind system and disconnect from mains supply, if any servicing or cleaning has to be done either on the system itself or in its immediate vicinity.
-  Ensure that the motor is accessible after installation.
-  Ensure sufficient room (at least 40 cm) is left between any moving parts and nearby objects.
-  Ensure system cannot trap or cut persons and secure relevant parts.

**Warning !**

- Do not use too long screws to attach the roller shutter to the tube.
- Do not use the manual override (if applicable) prior to setting the limit switches.
- Do not use power tools to adjust the limit position. Only use supplied tool.
- The clearance between the drive adapter and the inside diameter of the tube should not exceed 1mm.
- Do not hose the motor with water.
- Do not use excessive force to insert the tube motor into the roller tube.
- If your tube motor stops working, wait for approx. 20 mins. to allow the motor to cool before further operation.