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INSTRUCTIONS FOR THE MYSTIC CLASSIC MOTORS & REMOTE

IMPORTANT NOTES BEFORE YOU START:

1. THE MOTOR AND REMOTE ARE SYNCHRONIZED AND PRE-PROGRAMMED AT THE FACTORY.
2. PLEASE **READ** EACH INSTRUCTION CAREFULLY AND COMPLETELY BEFORE PERFORMING THE ACTIONS DESCRIBED IN THE INSTRUCTION.
3. The Celtic Motor used in the Mystic Classic Motorized Screen is equipped with an **AUTOMATIC THERMAL CUTOFF MECHANISM** that acts to prevent the motor from overheating. Depending on the outdoor temperature, if the motor is run continuously for 3-5 minutes it will shut down automatically. If this occurs, it will require approximately 20 minutes to cool down.
4. FOR EACH INSTRUCTION, IT IS ASSUMED THAT YOU HAVE SELECTED THE APPROPRIATE CHANNEL ON THE REMOTE THAT IS TO BE PROGRAMMED. IT IS EXTREMELY IMPORTANT THAT YOU FOLLOW THE STEPS AND BUTTON SEQUENCES **EXACTLY AS DESCRIBED** OTHERWISE THE PROGRAMMING WILL NOT BE ACCEPTED. THIS IS BECAUSE THE MOTOR IS SET TO ACCEPT ONLY EXACT SEQUENCES OF BUTTON COMBINATIONS FROM THE REMOTE. IF YOU DO NOT PERFORM THE STEPS EXACTLY, YOU MAY HAVE TO RESET THE MOTOR/REMOTE AND START OVER FROM THE BEGINNING. THE INSTRUCTION TO RESET THE MOTOR/REMOTE IS THE LAST INSTRUCTION BELOW.
5. **ONLY ONE** motor/remote combination can be programmed at any point in time. If you are installing **MULTIPLE UNITS** at the same job site, you will have to turn off power to all units except the one that you are programming.
6. Power surges or static electric discharges caused by bad weather or other circumstances may cause the motor and remote to become unpaired. The Mystic Classic motor has mechanical limits, these limits are unlikely to be lost during a power surge. In the event that this occurs simply follow the instruction to re-synchronize the motor and remote. Ensuring that the unit is properly grounded may help to prevent this from occurring.
7. If you are hard-wiring the motor to the electric circuit, it is recommended that you install a switch in that circuit and in the vicinity of the Mystic unit so that the power to the unit may be turned on and off in the event that the unit has to be reprogrammed because of power surges caused by bad weather or other circumstances.
8. It is recommended that you leave the **Limit Adjustment Tool** with the homeowner and instruct him/her to keep it in a safe place so that it is available in the event that it becomes necessary to reprogram the unit. A 5/32" or 4mm Allen Wrench or Hex Screwdriver may be used in place of the Limit Adjustment Tool, if it is lost or misplaced.

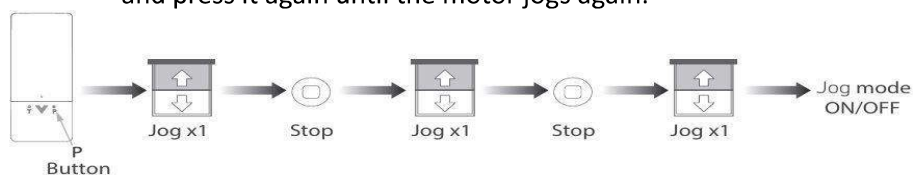
- A. THE MOTOR AND SIX CHANNEL REMOTE COMES FROM THE FACTORY WITH CHANNEL ONE SYNCHRONIZED.
- B. TEMPORARY UPPER AND LOWER LIMITS HAVE BEEN SET AT THE FACTORY. THE SCREEN PANEL IS ROLLED UP ON THE TUBE SO THAT WHEN YOU POSITION IT CORRECTLY IN THE HOOD WITH THE LIMIT ADJUSTMENT SWITCHES FACING FORWARD THE SCREEN PANEL WILL BE AT ITS UPPER LIMIT. YOU WILL NEED TO ADJUST THE LOWER LIMIT TO ITS PERMANENT POSITION. YOU WILL ALSO NEED TO FINE TUNE THE UPPER LIMIT.
- C. THERE WILL BE NO NEED TO CHANGE ANY OTHER PROGRAMMING IN THE REMOTE UNLESS SIGNIFICANT CHANGES ARE MADE TO THE UNIT, SUCH AS CUTTING THE VERTICAL SIDE RAILS.
- D. **HOW TO:** SWITCH THE MOTOR BETWEEN ROLLER AND JOG MODE

Prior to adjusting any of the factory settings of the motor and remote, be sure to place the motor in jog mode.

In jog mode, when you press & release the **UP or DOWN** buttons, the screen moves approximately 3" and stops. In jog mode, if you press & hold the **UP or DOWN** button for 3 seconds then the screen will run continuously.

Being in jog mode will reduce the chance of damage occurring to the unit while settings are being changed. To do this:

1. PRESS & HOLD the **P BUTTON** until the motor jogs
2. Press the **STOP BUTTON** until the motor jogs, THEN RELEASE the **STOP BUTTON** and press it again until the motor jogs again.



To take the motor out of jog mode and back into roller mode, repeat steps 1 & 2 above.

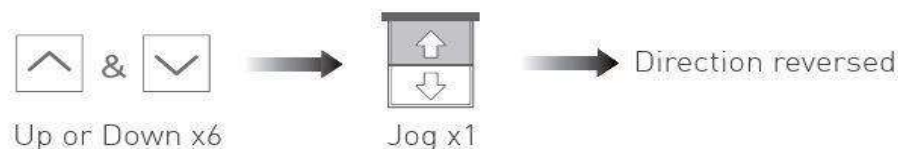
When the jog mode has been set, the **UP OR DOWN BUTTON** must be pressed for 3 seconds to make the motor move continually to its limits.

- E. **HOW TO:** REVERSE THE DIRECTION OF THE MOTOR

Should the motor be in a state where the UP button on the remote lowers the screen panel and the DOWN button raises the screen panel, you will need to reverse the direction of the motor.

To do this:

1. PRESS & HOLD the **UP AND DOWN BUTTON** at the same time for about 6 seconds until the motor jogs once. The motor will now run in the opposite direction.



F. **HOW TO: SET AND ADJUST UPPER AND LOWER LIMITS**

1. ALWAYS SET THE LOWER LIMIT FIRST
2. USE THE **DOWN BUTTON** ON THE REMOTE TO MOVE THE BOTTOM BAR DOWN. IF THE BOTTOM BAR DOES NOT STOP BEFORE 1' FROM THE BOTTOM, PRESS THE **STOP BUTTON** TO STOP IT 1' FROM THE BOTTOM.
3. THE BLACK RECTANGULAR BLOCK ON THE VISIBLE END OF THE MOTOR HAS TWO HOLES CONTAINING THE LIMIT ADJUSTMENT SWITCHES. THE LIMIT ADJUSTMENT SWITCH THAT CONTROLS THE LOWER LIMIT IS ALWAYS IN THE TOP HOLE REGARDLESS OF WHICH SIDE (left or right) THE MOTOR IS MOUNTED. ABOVE THE TOP HOLE, THERE IS A PLUS (+) AND MINUS (-) SIGN. TURNING THE LIMIT ADJUSTMENT TOOL IN THE PLUS (+) or clockwise DIRECTION INCREASES THAT LIMIT AND TURNING THE LIMIT ADJUSTMENT TOOL IN THE MINUS (-) or counter-clockwise DIRECTION REDUCES THAT LIMIT (PLEASE VIEW IMAGES ON PAGE 5).
4. NOW ADJUST THE LOWER LIMIT:

1. IF THE SCREEN STOPPED BEFORE IT GOT TO WITHIN 1' OF THE BOTTOM (Case 1A-1B on pg. 6)	2. IF YOU HAD TO STOP THE SCREEN BEFORE IT GOT TO WITHIN 1' OF THE BOTTOM (Case 2A-2E on pg. 6)
1-A. YOU HAVE FOUND THE FACTORY-SET TEMPORARY LOWER LIMIT. HOWEVER, THE FACTORY-SET TEMPORARY LOWER LIMIT IS TOO SHORT. SO, YOU NEED TO INCREASE THE LOWER LIMIT POSITION.	2-A. THE FACTORY-SET TEMPORARY LOWER LIMIT IS SET TOO LONG. THEREFORE, YOU NEED TO REDUCE THE LOWER LIMIT POSITION.
1-B. PLACE THE LIMIT ADJUSTMENT TOOL INTO THE TOP HOLE ON THE END OF THE MOTOR. TURN THE LIMIT ADJUSTMENT SWITCH IN THE PLUS (+) or clockwise DIRECTION . THE BOTTOM BAR WILL JOG DOWN WITH EACH TURN. CONTINUE TO TURN UNTIL THE BOTTOM BAR REACHES THE DESIRED LOWER POSITION. AT THAT POINT YOUR LOWER LIMIT IS SET.	2-B. PLACE THE LIMIT ADJUSTMENT TOOL INTO THE TOP HOLE ON THE END OF THE MOTOR. TURN THE LIMIT ADJUSTMENT SWITCH IN THE MINUS (-) or counterclockwise DIRECTION FOR 25 COMPLETE TURNS. Note: 7 complete turns of the Limit Adjustment Tool results in one complete rotation of the screen tube.
	2-C. USING THE REMOTE, RAISE THE BOTTOM BAR 2 FEET AND THEN LOWER IT. IF IT DOES NOT STOP BEFORE IT REACHES 1' FROM THE BOTTOM, STOP IT 1' FROM THE BOTTOM.
	2-D. REPEAT STEPS 2-B AND 2-C UNTIL THE BOTTOM BAR STOPS BY ITSELF. WHEN THE BOTTOM BAR STOPS BY ITSELF YOU HAVE FOUND THE TEMPORARY LOWER LIMIT.
	2-E. PERFORM INSTRUCTION 1. (1-A AND 1-B) ON THE LEFT COLUMN OF THIS TABLE OF INSTRUCTIONS TO FINE TUNE THE LOWER LIMIT.

5. NEXT, WE WILL SET THE UPPER LIMIT. USE THE **UP BUTTON** ON THE REMOTE TO MOVE THE BOTTOM BAR UP. IF THE BOTTOM BAR DOES NOT STOP BEFORE 1' FROM THE TOP, PRESS THE **STOP BUTTON** TO STOP IT 1' FROM THE TOP.

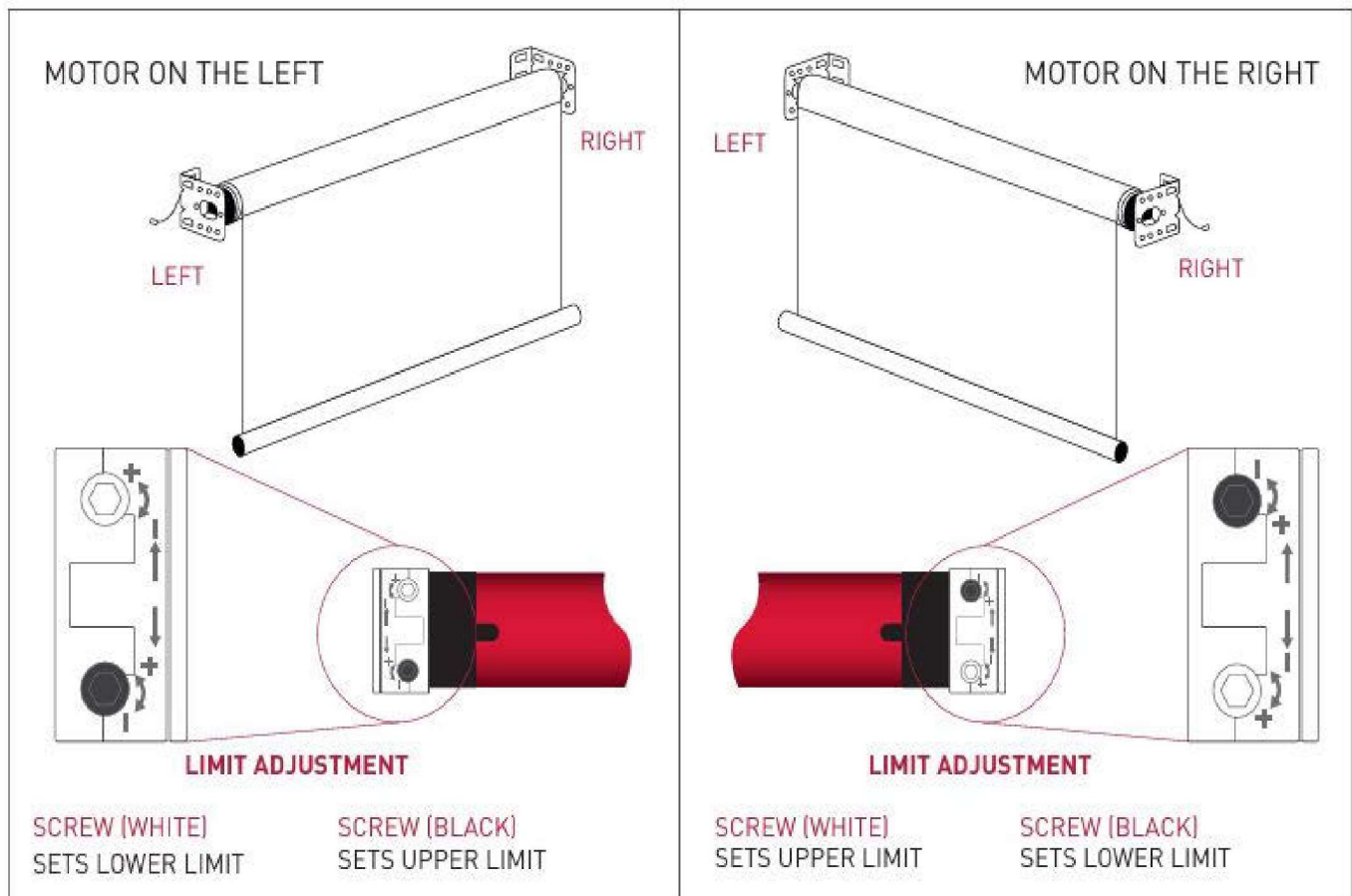
CAUTION#1: Do not allow the bottom bar to rise too far so as to run up into the hood.

CAUTION#2: Do not set your upper limit too high. The guides of the bottom bar and a short length of the side zippers should be completely contained in the side rails.

6. THE BLACK RECTANGULAR BLOCK ON THE VISIBLE END OF THE MOTOR HAS TWO HOLES CONTAINING THE LIMIT ADJUSTMENT SWITCHES. THE LIMIT ADJUSTMENT SWITCH THAT CONTROLS THE UPPER LIMIT IS ALWAYS IN THE LOWER HOLE REGARDLESS OF WHICH SIDE (left or right) THE MOTOR IS MOUNTED. BELOW THE LOWER HOLE, THERE IS A PLUS (+) AND MINUS (-) SIGN. TURNING THE LIMIT ADJUSTMENT TOOL IN THE PLUS (+) or clockwise DIRECTION INCREASES THAT LIMIT AND TURNING THE LIMIT ADJUSTMENT TOOL IN THE MINUS (-) or counter-clockwise DIRECTION REDUCES THAT LIMIT (PLEASE VIEW IMAGES ON PAGE 5).
7. NOW, WE WILL ADJUST THE UPPER LIMIT.

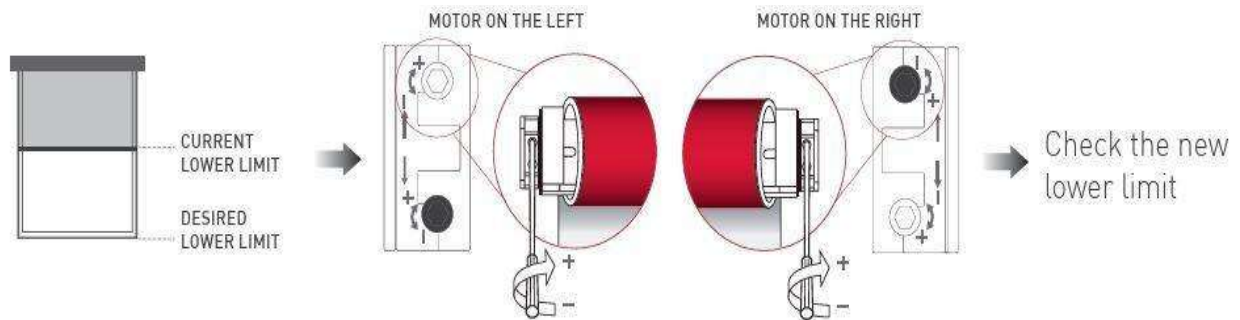
3. IF THE SCREEN STOPPED BEFORE IT GOT TO WITHIN 1' OF THE TOP (Case 3A-3B on pg. 6)	4. IF YOU HAD TO STOP THE SCREEN BEFORE IT GOT TO WITHIN 1' OF THE TOP (Case 4A-4E on pg. 6)
3-A. YOU HAVE FOUND THE FACTORY-SET TEMPORARY UPPER LIMIT. HOWEVER, THE FACTORY-SET TEMPORARY UPPER LIMIT IS TOO LOW. SO, YOU NEED TO INCREASE THE UPPER LIMIT POSITION.	4-A. THE FACTORY-SET TEMPORARY UPPER LIMIT IS SET TOO HIGH. NOW YOU NEED TO REDUCE THE UPPER LIMIT POSITION.
3-B. PLACE THE LIMIT ADJUSTMENT TOOL INTO THE LOWER HOLE ON THE END OF THE MOTOR. TURN THE LIMIT ADJUSTMENT SWITCH IN THE PLUS (+) or clockwise DIRECTION . THE BOTTOM BAR WILL JOG UP WITH EACH TURN. CONTINUE TO TURN UNTIL THE BOTTOM BAR REACHES THE DESIRED UPPER POSITION. AT THAT POINT YOUR UPPER LIMIT IS SET.	4-B. PLACE THE LIMIT ADJUSTMENT TOOL INTO THE LOWER HOLE ON THE END OF THE MOTOR. TURN THE LIMIT ADJUSTMENT SWITCH IN THE MINUS (-) or counterclockwise DIRECTION FOR 25 COMPLETE TURNS. Note: 7 complete turns of the Limit Adjustment Tool results in one complete rotation of the screen tube.
	4-C. USING THE REMOTE, LOWER THE BOTTOM BAR 2 FEET AND THEN RAISE IT. IF IT DOES NOT STOP BEFORE IT REACHES 1' FROM THE TOP, STOP IT 1' FROM THE TOP.
	4-D. REPEAT STEPS 4-B AND 4-C UNTIL THE BOTTOM BAR STOPS BY ITSELF. WHEN THE BOTTOM BAR STOPS BY ITSELF YOU HAVE FOUND THE TEMPORARY UPPER LIMIT.
	4-E. PERFORM INSTRUCTION 3. (3-A AND 3-B) ON THE LEFT COLUMN OF THIS TABLE OF INSTRUCTIONS TO FINE TUNE THE UPPER LIMIT.

Setting or modifying limits depending on type of installation

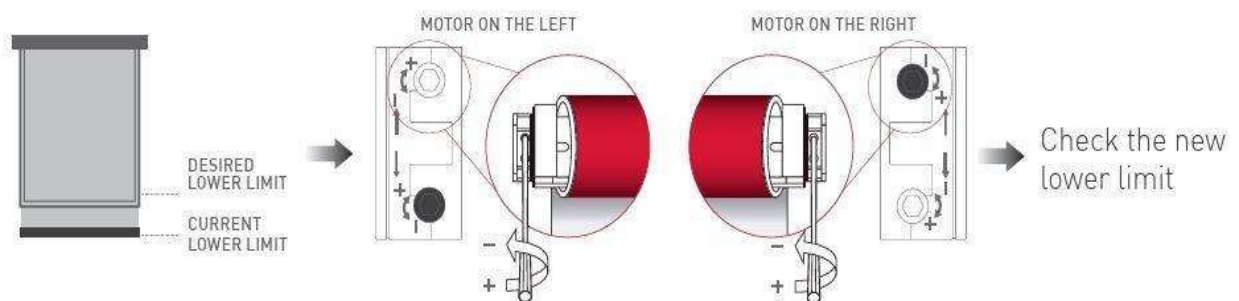


Setting and Modifying LOWER Limits

Case 1A-1B

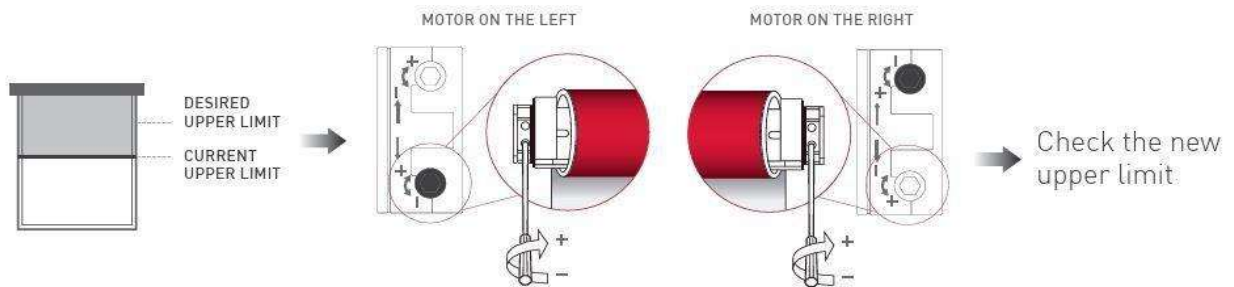


Case 2A-2E

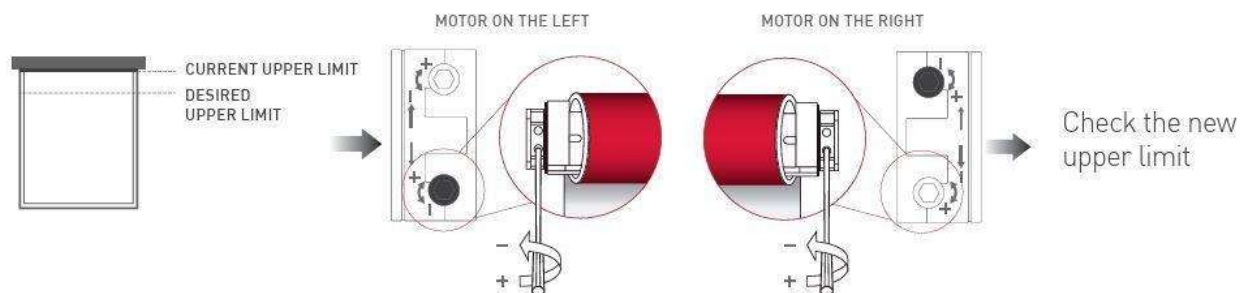


Setting and Modifying UPPER Limits

Case 3A-3B

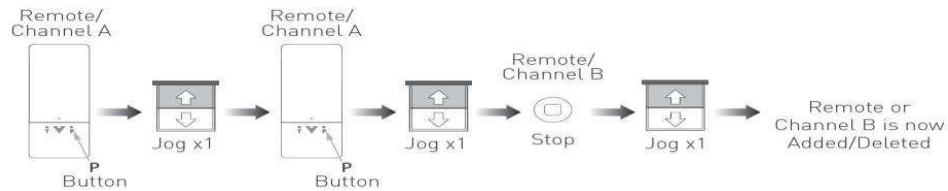


Case 4A-4E



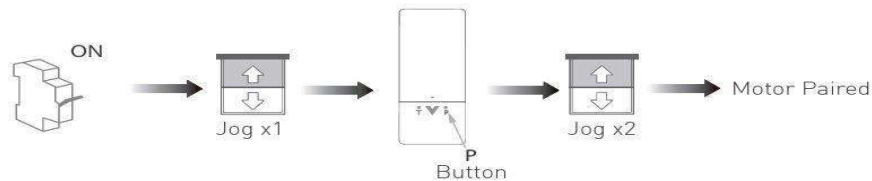
G. **HOW TO:** SYNCHRONIZE A 2ND REMOTE (A 2ND HAND HELD) TO THE MOTOR:

1. PRESS AND HOLD THE **P BUTTON** ON THE PRIMARY HAND HELD REMOTE. THE MOTOR WILL JOG 1 TIME. PRESS THE **P BUTTON** ON THE FIRST REMOTE AGAIN. THE MOTOR SHOULD JOG AGAIN.
2. PRESS AND RELEASE THE **STOP BUTTON** ON THE 2ND REMOTE. THE MOTOR WILL JOG TO CONFIRM THAT THE 2 REMOTES ARE SYNCHRONIZED.



H. **HOW TO:** PAIR A REMOTE TO A MOTOR OR RE-SYNCHRONIZE A MOTOR AND REMOTE THAT HAVE BECOME DELINKED

1. DISCONNECT THE POWER FROM THE MOTOR; UNPLUG IF IT IS PLUGGED IN TO A POWER SUPPLY OR TURN OFF BREAKER IF THE MOTOR IS HARD-WIRED.
2. POWER ON THE MOTOR AND IT WILL JOG ONCE
3. SELECT THE DESIRED CHANNEL AND PRESS THE **P BUTTON** UNTIL THE MOTOR JOGS TWICE. THE MOTOR IS NOW PAIRED TO THE REMOTE ON THE CHANNEL SELECTED.
4. RUN THE MOTOR UP OR DOWN TO BE SURE THAT NOW THE MOTOR IS PAIRED WITH THE REMOTE CONTROL. REPEAT STEPS 1-3 IF NECESSARY.



I. **HOW TO:** RESET MOTOR & REMOTE; UNPAIR A REMOTE FROM MOTOR; DELETE PROGRAMMING

1. SELECT THE CHANNEL ON ANY REMOTE THE MOTOR IS PAIRED WITH AND PRESS THE **P BUTTON** UNTIL THE MOTOR JOGS
2. PRESS THE **P BUTTON** AGAIN UNTIL THE MOTOR JOGS
3. PRESS THE **DOWN BUTTON** UNTIL THE MOTOR JOGS. THE MOTOR SHOULD NOW BE UNPAIRED FROM ALL REMOTES

