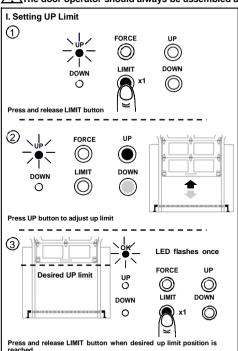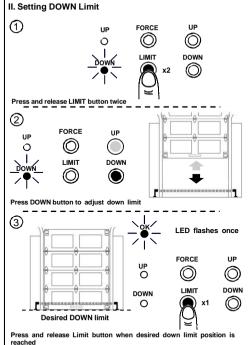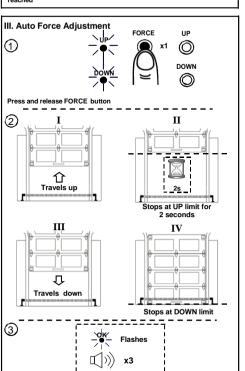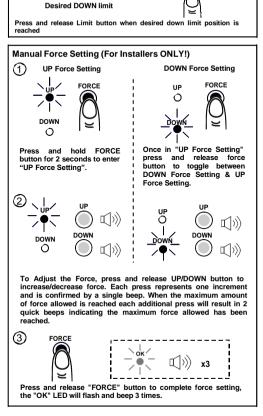# Installation Quick Reference for Models 615 & 628

Guardian™

⚠ **The door operator should always be assembled and installed in the closed position.**
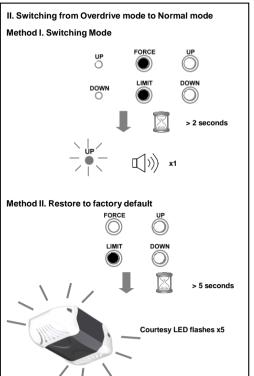

I. Setting UP Limit

①
UP, FORCE, UP, DOWN, LIMIT, DOWN — x1

Press and release LIMIT button

②
UP, FORCE, UP, DOWN, LIMIT, DOWN

Press UP button to adjust up limit

③
Desired UP limit — OK — LED flashes once

FORCE, UP, LIMIT, DOWN — x1

Press and release LIMIT button when desired up limit position is reached

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III. Auto Force Adjustment

①
UP, FORCE, UP, DOWN, DOWN — x1

Press and release FORCE button

②
I — Travels up
II — 2s — Stops at UP limit for 2 seconds
III — Travels down
IV — Stops at DOWN limit

③
OK — Flakes / Flashes — x3

II. Setting DOWN Limit

①
UP, FORCE, UP, DOWN, LIMIT, DOWN — x2

Press and release LIMIT button twice

②
UP, FORCE, UP, DOWN, LIMIT, DOWN

Press DOWN button to adjust down limit

③
OK — LED flashes once

UP, FORCE, UP, DOWN, LIMIT, DOWN — x1

Desired DOWN limit

Press and release Limit button when desired down limit position is reached

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Manual Force Setting (For Installers ONLY!)

①
UP Force Setting — UP, FORCE, DOWN
DOWN Force Setting — UP, FORCE, DOWN

Press and hold FORCE button for 2 seconds to enter "UP Force Setting".

Once in "UP Force Setting" press and release force button to toggle between DOWN Force Setting & UP Force Setting.

②
UP, UP, DOWN, DOWN
UP, UP, DOWN, DOWN

To Adjust the Force, press and release UP/DOWN button to increase/decrease force. Each press represents one increment and is confirmed by a single beep. When the maximum amount of force allowed is reached each additional press will result in 2 quick beeps indicating the maximum force allowed has been reached.

③
FORCE — OK — x3

Press and release "FORCE" button to complete force setting, the "OK" LED will flash and beep 3 times.

Switching Operation Modes

I. Switching from Normal mode to Overdrive mode

①
UP, FORCE, UP, DOWN, LIMIT, DOWN

②
DOWN — x1 — > 2 seconds — 2 seconds

③
DOWN

II. Switching from Overdrive mode to Normal mode

Method I. Switching Mode

UP, FORCE, UP, DOWN, LIMIT, DOWN — > 2 seconds

UP — x1

Method II. Restore to factory default

FORCE, UP, LIMIT, DOWN — > 5 seconds

Courtesy LED flashes x5

I. Switching from Normal mode to Overdrive mode

Press and hold both "FORCE" & "LIMIT" buttons simultaneously for 2 seconds until "DOWN" LED illuminates. (The red DOWN LED indicates the operator has successfully been placed in "Overdrive Mode"). The "DOWN" LED will turn off in 2 seconds. Please proceed to program Travel Limits.

NOTE:

All previous limit settings will be cleared upon switching modes.

Soft start / stop feature is disabled in overdrive mode.

II. Switching from Overdrive mode to Normal mode

Method I. Switching Mode

Repeat #1 in Switching from Normal Mode to Overdrive Mode. The "UP" LED indicates the operator has successfully been placed in "Normal Mode". The "UP" LED will turn off in 2 seconds. Please proceed to program Travel Limits.

NOTE:

All previous limit settings will be cleared upon switching modes.

Method II. Restore to factory default

1. Press and hold "LIMIT" button for about 5 seconds
2. The unit will restart by itself with 5 courtesy LED flashes.
3. The unit is returned to factory default and is ready for programming limits.

NOTE:

All previous limit settings will be cleared upon switching modes.

⚠ **Warning!** For your safety, Over-Drive Mode operation is NOT recommended. Please check your door immediately!

See Instruction Manual for Further Information.

Courtesy Light & Sound Responses—615 & 628

Operation / Condition	Courtesy Light / Buzzer Responses	Trouble shooting
Opener is initially plugged-in (no travel limits stored)	Flashes 5 times (5X)	Unplug & reconnect operator to power Check if the operator has limits stored
Reconnecting power (with travel limits stored)	Flashes 3 times (3X)	Confirms limits stored
"LEARN" button is pressed	Beeps 1 time (1X)	Radio learn cycle initiated
Upon activation	Light On for 2.5 minutes	Logic initiated
Upon activation by remote transmitters	Beeps 1x (1X), Light On for 2.5 minutes	Check for learned remote
Remote Transmitter or Keyless Entry PIN code accepted	Beeps 2 times (2X)	Code accepted during Learn cycle All codes have been erased during Erase cycle Check vacation lock switch (ON) if no movement
Upon programming remote control or keypad	Beeps 3 times (3X)	Remote control code already stored in memory
Opener is operated without programming	Beeps 5 times (5X)	Program or reprogram limits
Door does not move or travels at abnormal speed	Beeps 12x (12X)	Check power, continuity Stuck relay—tap relay or panel to free If only 1" or 28" travel--check RPM encoder
Photo Eye System is obstructed during door-closing	Beeps 20 times (20X)	Check PE alignment (solid red & green LEDs)
The door is obstructed during travel	Beeps 25 times (25X)	Clear obstruction or manually increase force

Courtesy Light & Sound Responses—315, 415 & 425

Operation / Condition	Courtesy Light Response	Troubleshooting
Opener is initially plugged-in / Power restored	Flashes 5 times (5X)	Operator powered
Upon Opener activation	Turns on for 3-1/2 minutes and turns off automatically	Logic initiated
"LEARN" button is pressed	Turns on for 30 seconds	Program remotes when light is on
Remote Control / Keyless Entry PIN code accepted	Flashes 5 times (5X)	Confirm learn of remote control
The Photo Eye System is obstructed during door-closing or door is obstructed during opening	Flashes for 30 seconds (Re-align and clear obstruction)	Clear any obstruction, check PE (solid red & green LED), PE jumper, increase force setting
Opener motor overheat (Thermal Protection)	Flashes 5 times (5X) Wait about 15 minutes to cool down	Normal condition. Motor will operate again when cool
Maximum or Minimum Force setting reached	Flashes 6 times (6X)	12 increments—flashes at min/max force setting