

Maintenance Checklist:

Maintenance point checks:

1. Disconnect the operator and check the gate for proper operation.
2. Adjust and/or lubricate gate rollers and hinges.
3. Inspect Gate Track for slide gates and Gate Arms for swing gates
4. Run operator while disconnected to test maximum run timer.
5. While testing the maximum run timer, check the motor for heating and balance.
6. Check oil in the gear head (if so equipped) and fill if necessary.
7. Inspect belts for wear and tension.
8. Check clutch facing for wear and glazing.
9. Check and adjust chain tension. Observe if the chain is drooping no more than 3" over the entire length.
10. Inspect idler and drive sprockets for wear, wobble, and alignment. Tighten set screws.
11. Operate and test manual disconnect.
12. Inspect electrical wire connections and relays.
13. Test power at rest and while operating the gate.
14. Operate the gate with the operator and observe unusual activities.
15. Adjust clutch and limit switches.
16. Check operator posts or mounting bolts for movement.
18. Inspect and tighten all mounting bolts, inside and out.
19. Test all gate operating devices:
 1. Radio Controls
 2. Single and three-button stations
 3. Card readers, keypads, or key switches
 4. Timer to close
 5. Seven-day timer to hold open
 6. Free exit loops
20. Test all safety devices:
 1. Safety loops
 2. Safety "bump" edge (inspect cord/check batteries)
 3. Photo eye (check reflectors for cracks, etc. and apply Rain X)
 4. Check roller guards on cantilever gates
 5. Test S.O.S., Knox, 911 switch (emergency vehicle operating device) if so equipped
21. Lubricate the chain
22. Check obstruction sensing system for proper adjustment
23. Report any variance to the UL 325 Vehicular Gate Standard dated March 1, 2000 (Revised January 12, 2016, and month day, 2018)

PUBLIC SIDE

! WARNING Be sure to place the **WARNING** signs on both sides of the access point in clear view of vehicles. For your records, take a photograph of the completed installation site.

Inspect Hinges:
Lubricate Hinges.
Make sure no Squeaking and fluid movement.

Inspect Gate Arm:
Check Gate Arm measurements
Check welds for cracks
Check for loose bolts or washers

Inspect Operator:
Check Gear Reducer
Check Motor
Test Motherboard
Inspect Clutch and Limits
Inspect Belts and Gears
*Clean out any Bugs, Dirt Tie up any loose wires!

Inspect Pedestrian Gate: (if utilized by Gatewise)
Check Gatewise module
Check Reader/Remote (if applicable)
Check Locking Hardware
Check Wire

Inspect Access Keypad/Telephone entry:
Code _____ Works?
Check Wire condition
Check LEDs

Inspect Photo eyes:
Inspect Photo Eye to Reflector Alignment
Clean Photo Eye
Check Reflector

Inspect Safety Edge:
Does it stop the gate when squeezed?
Check Bumper Condition
Check Wire Condition

Inspect Loops:
Meter Loops with Megohmmeter:
Reading: _____ ?
Exposed wire?
Check Caulking and Loop Leads

ENTRAPMENT

ENTRAPMENT

ZONE

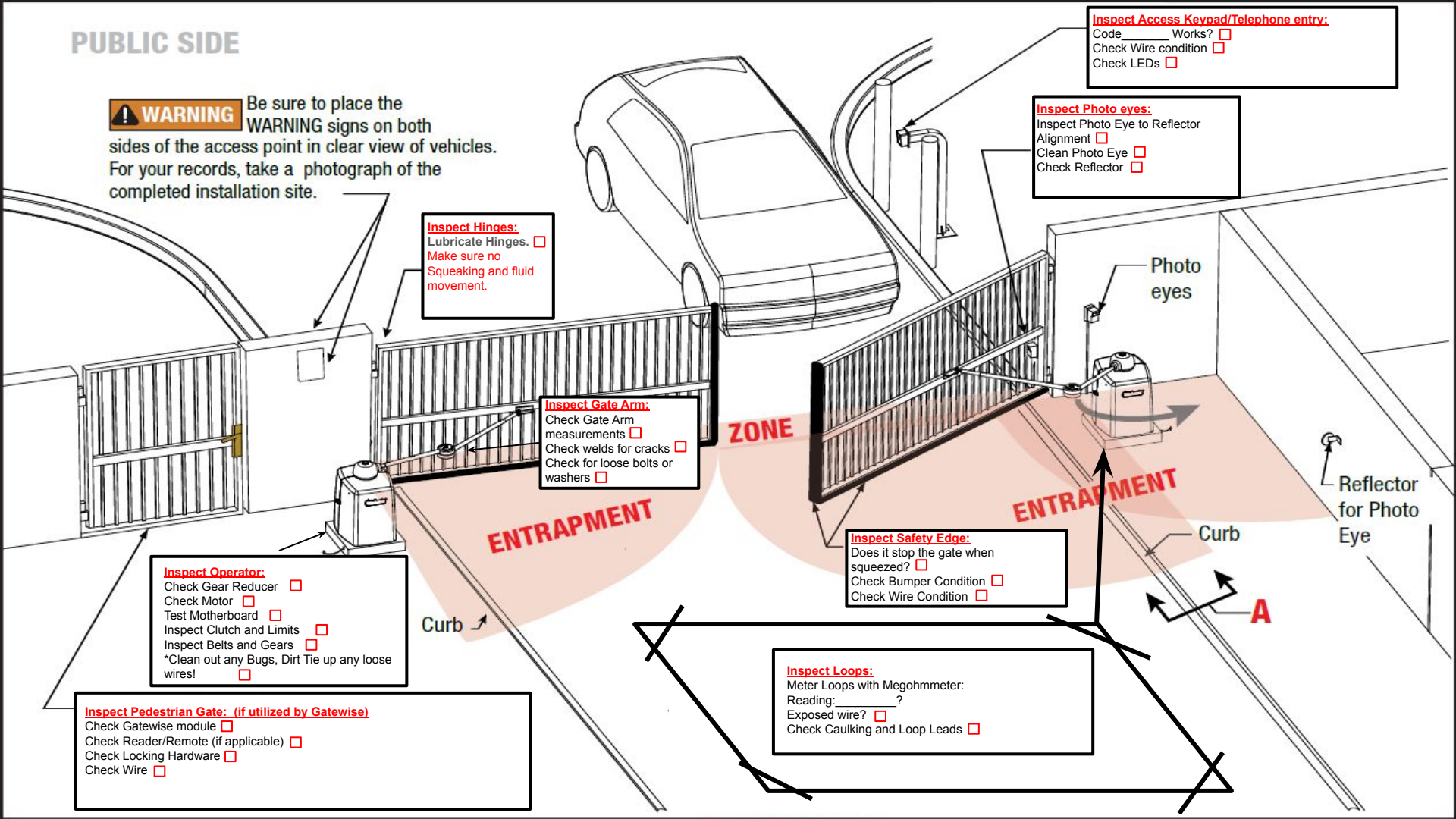
Curb ↗

Curb ↗

Reflector for Photo Eye

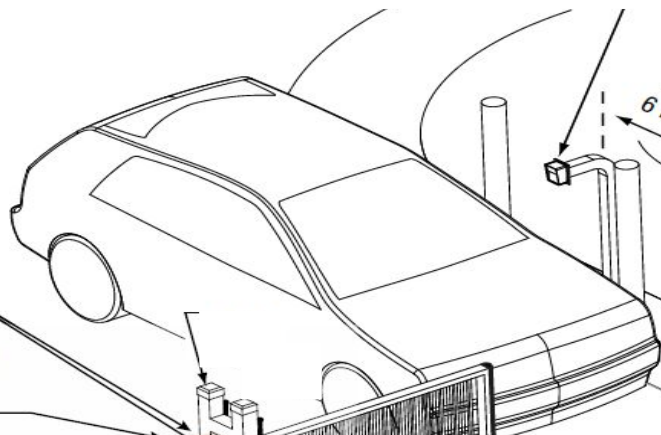
Photo eyes

A



PUBLIC SIDE

! WARNING Be sure to place the WARNING signs on both sides of the gate in clear view. For your records, take a photograph of the completed installation site.



6 ft (1.8 m) minimum

Physical stop

V track (gate rail)

ZONE

SECURE SIDE

Left Hand Gate opening

ENTRAPMENT

Photo eye (Emitter or Reflector in the 0)

Physical stop - at both ends of gate rail.

