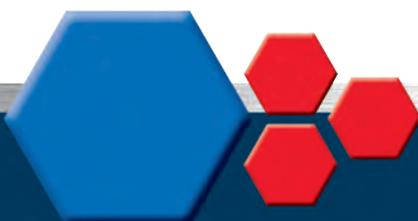




Genmega® Bill Dispenser Cleaning Instructions



IS 01112017 GENMEGA
Cleaning
9/10/2018



Defining the World of Car Wash Technology

Items Needed

- Phillips Screwdriver
 - Can of Compressed Air
 - Dry cotton swabs
 - Another person to help you lift the bill dispenser
- ✍***NOTE:** It is not necessary or recommended to use a cleaning solvent. Contamination is not always visible.



Figure 1. Cotton Swabs

Frequency

- Clean sensors once a month
- Belts only need to be cleaned if contaminated

The Genmega dispensers contain several optical sensors used to count and measure notes as well as time the note delivery. Through normal use, dust can collect on the sending sensor, and this can skew the readings which can cause errors. Each HCDU sending sensor looks like a clear LED that is mounted to a circuit board as shown in Fig. 2.

Depending on environmental conditions at the machine location, ICS® recommends periodic cleaning of these sensors to prevent errors; particularly, the sensors located at the exit gate.



Figure 2. Sending Sensor

Completion Time

We estimate that it will take 15 minutes to perform this procedure. Keep all hardware organized as you work.

WARNING: Turn off the power to the Auto Sentry® unit before you begin.

Cleaning the HCDU Sensors

1. Prepare a clean, solid work surface on which to position the bill dispenser that is dry, protected, and free from debris.
*✍***NOTE:** Do not attempt to use the bare ground as a work surface.
2. Turn off the Auto Sentry® operating system by double-clicking on the Shutdown icon on the display.
3. Wait until the display goes to a white screen, then shut down the main power switch inside the Auto Sentry.
4. Turn off the breakers in the Auto Sentry.
5. Shut off the electric to the Auto Sentry at the ICS® power distribution box.
6. Open the door of the Auto Sentry.
7. With the key, open the bill dispenser chamber of the Auto Sentry unit.
8. Extend the tray.
9. Unscrew the bill dispenser from the tray.
10. Access the wiring, and then disconnect:
 - Power
 - Communication cable (gray)
 - Ground Wire
 - Unclip the Wire Harness
11. Using the Phillips screwdriver, remove the screws that secure the bill dispenser on the tray. Remove the bill dispenser from the tray, and place the bill dispenser on a secure work surface. Have someone help you lift the bill dispenser, if necessary.
12. To clean a sensor, blow-clean the sending sensor with the can of compressed air. If a sensor still appears to be contaminated or operating erratically, simply wipe the surface using a dry cotton swab or any clean dry soft cloth. Steps #13-15 and Figures 3-5 will show you where the sensors are located.

IMPORTANT: Do not use an air compressor.

13. The first sensor is located on the rear of the bill dispenser. Clean with canned air or cotton swab. See Fig. 3.

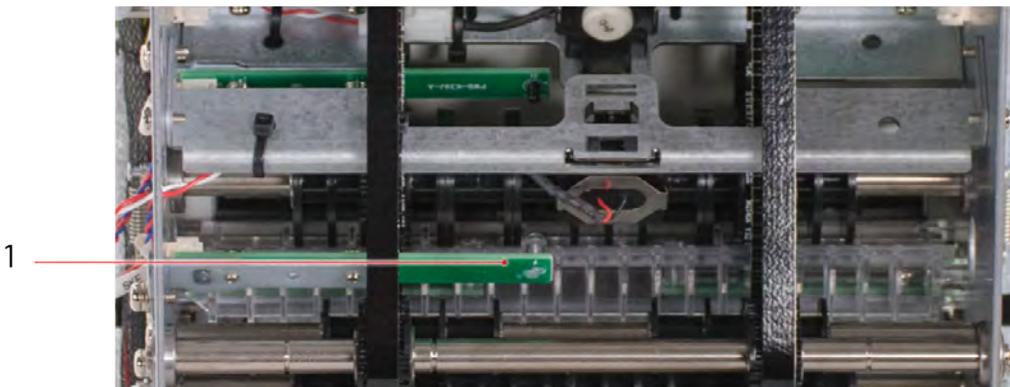


Figure 3. HCDU Sensor in the back of unit

14. There are 2 sensors located on top of the of the bill dispenser. Open the lid of the dispenser, and reach between the belts with the canned air or cotton swab to clean the sensors. See Fig. 4.

NOTE: Be careful not to bump the top sensor boards.

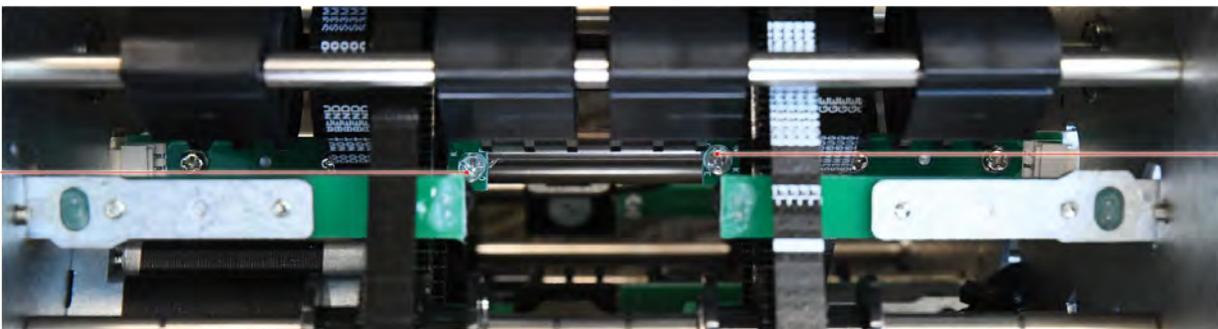
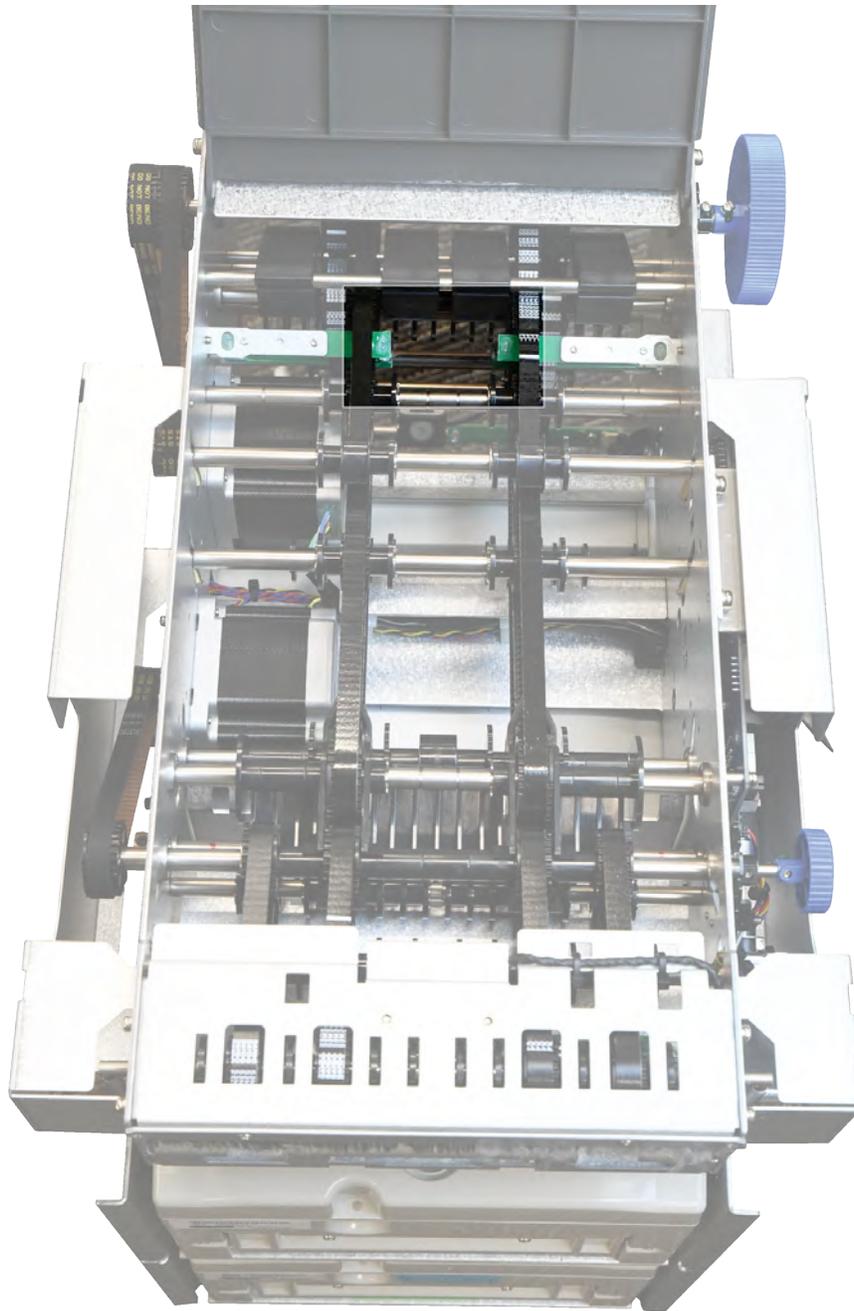


Figure 4. HCDU Sensors inside the top of the bill dispenser

15. There are 3 sensors located behind the metal bracket directly above the Reject Bin. These can be reached by blowing canned air or inserting a cotton swab through the front bracket and wiping the lenses. See Fig. 5.

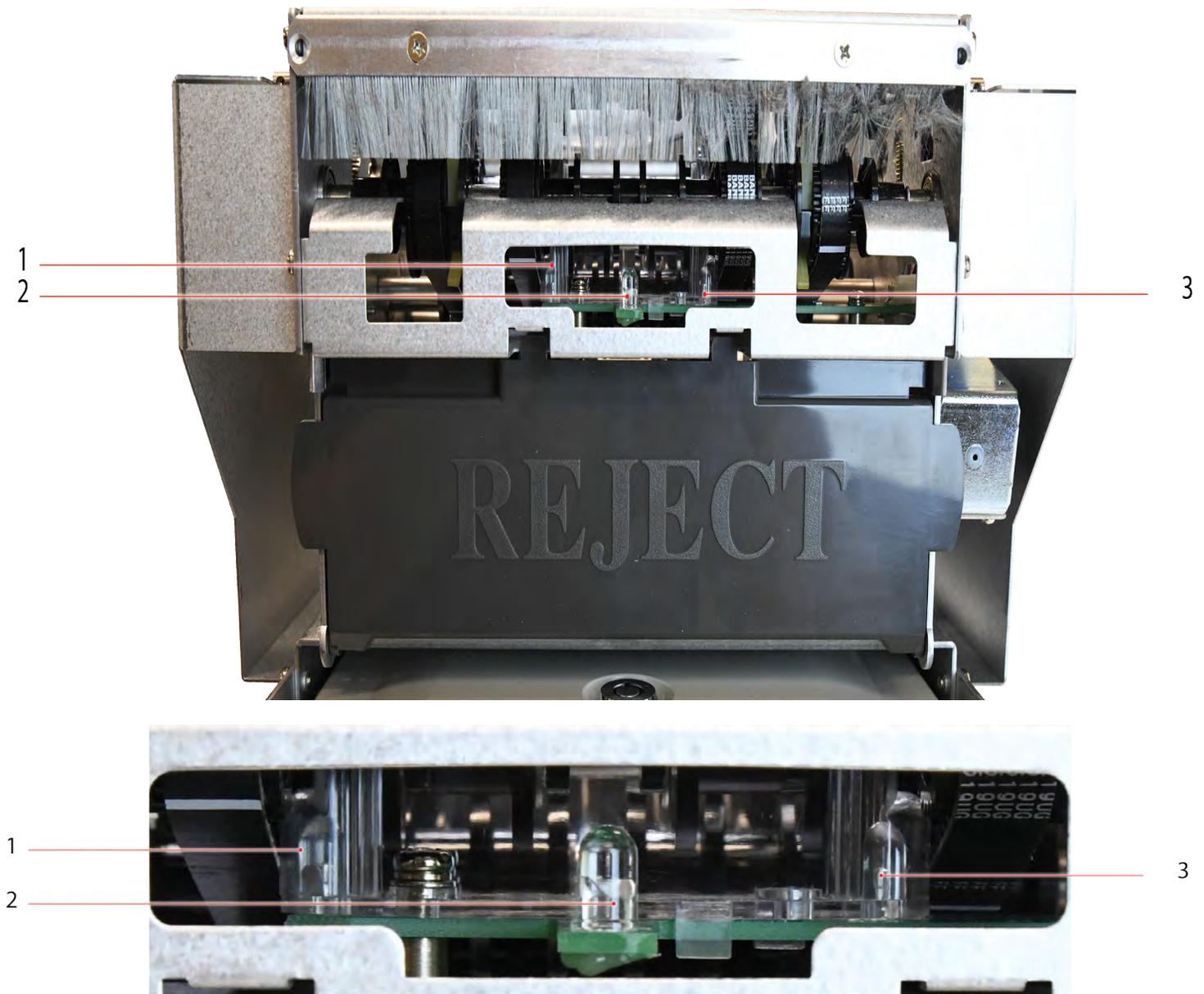


Figure 5. HCDU Sensor Located above the reject bin

16. Re-seat and secure the bill dispenser on the tray.
17. Secure the Bill Dispenser on the tray with the screws removed in step #11.
18. Reconnect the wires.
19. Re-clip the harness.
20. Close and lock the door.
21. Power up the system.
22. Test.
23. Repeat cleanings every month or as needed depending on bill volume.

Contact ICS® Technical Support for more Information
800-246-3469



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30TH
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MISSION STATEMENT:

It is our passion to leverage our experience as car wash operators, our position as a Market Leader, and our ability to incorporate advanced technology into Visionary products, which enables our Customers to differentiate their operations, achieve a distinct competitive advantage, and maximize their earnings.