Fujitsu Bill Dispenser Sensor Location

CPS Sensor

MDS Sensor

BPS Sensor

For dispenser maintenance videos visit https://www.icscarwashsystems.com/index.php?product=32#article/100046

Proper Drive Belt Routing

RJS Sensor (Viewed with dispenser upside down)

PS1 Sensor

Prism needs to be cleaned

Entering RAS Mode

For Example: To test the CPS Sensor
- Press SW1 1 time until 1 is displayed
- Press SW2 twice until 2 is displayed
- Press ST twice to enter test mode
- Look for upper right segment on the unit display to change state when sensor is blocked (illuminated) or not illuminated
- Press the ST switch again to exit the mode.

Adjust to E7 ± 4

Front of Bill Dispenser

Bill Cassette Area
**Problem/Cause**

**High bill rejection rate**
- Place only dollar bills in good condition in Bill Dispenser cartridge.
- Stack dollars neatly in cassette.
- Clean MDS sensor area including metal rollers and clear Mylar scrapers.
- Check MDS sensor reading in RAS mode 60 (E7 +4) E3 through EB.
- Check MDS sensor and prism.
- Clean BPS sensors and prism.
- Tighten white rails in bill dispenser cavity.

**Bill jams/misfeeds in bill cassette cavity**
- Clean black pick wheels and green feed rolls.
- Clean PS1 sensor and prism.
- Check Bill Dispenser cassette metal tab on frame.
- Tighten white rails in bill dispenser cavity.

**Rejected bills not detected**
- Clean Reject sensor.

**Jams at bill dispenser feed out**
- Check that feed out rolls turn when green wheel is turned.
- Clean CPS sensor.
- Replace worn anti-static brush.

**Jams (general)**
- Clean all feed rolls, feed belts, and Pick wheels.
- Check drive belt tension.
- Check Sensor Health Screen in Diagnostics and clean sensors if necessary.
- Clean clock wheel and sensor.