creo

VLF Trendsetter AL
Programming the Table Bottom Slipsheet Sensor

1. PREPARATION

Verify that the table bottom slipsheet sensor is 18**N** 6460/S14 (not 18**P** 6460/14). The sensor should be connected to J10 on Y-Axis GENINE as follows:

Brown: Pin 1 (24V)

Blue: Pin 6 (GND)

Black: Pin 5 (Signal)

Note: This procedure will take one person about one hour to complete.

2. PROGRAMMING THE SENSOR

1. Select a small plate, or a piece of a plate, with the dullest aluminum side that you can find.
2. Select the brightest (or whitest) piece of slipsheet that the customer uses.
3. Press the yellow button on the sensor continuously for about 2 seconds or until the green LED starts to flash.
4. Place the plate and slipsheet ready on the table.

   Note: You have to work quickly from this point because the sensor times out after about 5 seconds.
5. Place the slipsheet and the plate over the sensor. It is important to use both because some slipsheets allow light to shine through and reflect off the plate behind.
6. Press the yellow button for half a second to save the reading.

   Reminder: Do this within 5 seconds of putting it in program mode or it will time out.
7. Remove the slipsheet so that only the plate is over the sensor.
8. Press the yellow button for half a second to save the reading.

   Reminder: Do this within 5 seconds of putting it in program mode or it will time out.
9. Wait for the green LED to go off before removing the plate.

3. VERIFICATION

1. At the diagnostic monitor, type:

   ```
   set val bss 1
   nvs save val
   ```

2. Unplug the J10 connector from the y-axis Genine board and type `table`.

   The Bottom Slipsheet sensor should read 1.

3. Plug the connector back into J10, and with the sensor uncovered, type `table`.

   The Bottom slipsheet sensor should read 0.

4. Cover the sensor with the dull plate sample and type `table`.

   The Bottom slipsheet sensor should read 1

5. Cover the sensor with both the slipsheet and the plate samples and type `table`.

   The Bottom slipsheet sensor should read 0.

Sensor	**Reading on the Diagnostic Monitor**
Not connected	1
Covered by plate only	1
Covered by both slipsheet and plate	0
Uncovered	0