All Calibration Steps B-EX6

==For Reflective Calibration==   ==For Transmissive Calibration==

==RESET PRINTER==

==Maintenance== ==Counter== Clear
1. Press and hold **FEED** & **PAUSE** keys and turn ON the printer, should display [**SYSTEM MODE**]
2. Use directional arrow to cursor to [**RAM CLEAR**] and press the **ENTER** key
3. Cursor down to [**MAINTE. CNT CLEAR**] and press the **ENTER** key
4. At the [**ALL COUNTER**] setting, press the **ENTER** key
5. At the COMPLETED message, power the printer OFF

==QM== ==Parameter== Clear
1. Press and hold **FEED** & **PAUSE** keys and turn ON the printer, should display [**SYSTEM MODE**]
2. Use directional arrow to cursor to [**RAM CLEAR**] and press the **ENTER** key
3. Cursor down to [**PARAMETER CLEAR**] and press the **ENTER** key
4. At the [**QM TYPE**] setting, press the **ENTER** key
5. At the COMPLETED message, power the printer OFF

AUTO CALIBRATION

Turn ON Auto Calibration for **TRANSMISSIVE**
1. Press and hold **FEED** & **PAUSE** keys and turn ON the printer, should display [**SYSTEM MODE**]
2. Use directional arrow to cursor to [**SET PARAMETERS**] and press the **ENTER** key
3. Cursor down to [**CALIBRATE**] and press the **ENTER** key
4. Cursor down to [**ON TRANSMISSIVE**] and press the **ENTER** key
5. At the [**CALIBRATE**] setting, power the printer OFF

Turn ON Auto Calibration for **REFLECTIVE**
1. Press and hold **FEED** & **PAUSE** keys and turn ON the printer, should display [**SYSTEM MODE**]
2. Use directional arrow to cursor to [**SET PARAMETERS**] and press the **ENTER** key
3. Cursor down to [**CALIBRATE**] and press the **ENTER** key
4. Cursor down to [**ON REFLECTIVE**] and press the **ENTER** key
5. At the [**CALIBRATE**] setting, power the printer OFF

Turn **OFF** Auto Calibration
1. Press and hold **FEED** & **PAUSE** keys and turn ON the printer, should display [**SYSTEM MODE**]
2. Use directional arrow to cursor to [**SET PARAMETERS**] and press the **ENTER** key
3. Cursor down to [**CALIBRATE**] and press the **ENTER** key
4. Cursor up to [**OFF**] and press the **ENTER** key
5. At the [**CALIBRATE**] setting, power the printer OFF

MANUAL CALIBRATION

TRANSMISSIVE Manual Sensor Calibration

1. Press and hold **FEED** & **PAUSE** keys and turn ON the printer, should display [**SYSTEM MODE**]
2. Use directional arrow to cursor to [**SENSOR**] and press the **ENTER** key
3. Cursor down to [**ADJUSTMENT**] and press the **ENTER** key
4. Cursor down to [**TRANSMISSIVE SENSOR**] setting, press the **ENTER** key
5. Remove enough labels to expose the liner and place the liner under both of the sensors.
6. Hold **ENTER** until asterisk shows to the right of digits.
7. Press **ENTER** 1x and power printer OFF

REFLECTIVE Manual Sensor Calibration

1. Press and hold **FEED** & **PAUSE** keys and turn ON the printer, should display [**SYSTEM MODE**]
2. Use directional arrow to cursor to [**SENSOR**] and press the **ENTER** key
3. Cursor down to [**ADJUSTMENT**] and press the **ENTER** key
4. At the [**REFLECTIVE SENSOR**] setting, press the **ENTER** key
5. Place plastic labels under sensor. Calibrate for the darkest color. Usually red.
6. Hold **ENTER** until asterisk shows to the right of digits. (Should read 4.0 ± 0.3 volt range)
7. Press **ENTER** 1x and power printer OFF

PAPER END Calibration

1. Press and hold **FEED** & **PAUSE** keys and turn ON the printer, should display [**SYSTEM MODE**]
2. Use directional arrow to cursor to [**SENSOR**] and press the **ENTER** key
3. Cursor down to [**ADJUSTMENT**] and press the **ENTER** key
4. Cursor down to [**PAPER END LEVEL**] setting, press the **ENTER** key
5. Remove labels from printer, no material under the sensor.
6. Hold **ENTER** until asterisk shows to the right of digits.
7. Press **ENTER** 1x and power printer OFF

RIBBON Sensor Calibration

1. Press and hold **FEED** & **PAUSE** keys and turn ON the printer, should display [**SYSTEM MODE**]
2. Use directional arrow to cursor to [**SENSOR**] and press the **ENTER** key
3. Cursor down to [**ADJUSTMENT**] and press the **ENTER** key
4. Cursor down to [RIBBON SENSOR] and press the **ENTER** key
5. Hold **ENTER** until asterisk shows to the right of digits. (Should read in the 0.7V range)
6. Press **ENTER** 1x and power printer OFF

THRESHOLD REFLECTIVE Calibration with Pause button

1. Press PAUSE 1x. LCD will show PAUSE.
2. Hold PAUSE until LCD shows [**SELECT MEDIA SENSOR**], then release.
3. At the [**REFL. (PRE-PRINT)**] setting, press the **ENTER** key
4. At the [**THRESHOLD MODE**] setting, hold **PAUSE**. Tags will feed. Allow several tags to feed, then release **PAUSE**.
5. Press **ENTER** key 1x and then **RESTART** key 1x to put the printer back online.

==THRESHOLD TRANSMISSIVE== Calibration with Pause button

1. Press PAUSE 1x. LCD will show PAUSE.
2. Hold PAUSE until LCD shows [**SELECT MEDIA SENSOR**], then release.
3. At the [**TRANS. (PRE-PRINT)**] setting, press the ENTER key
4. At the [**THRESHOLD MODE**] setting, hold **PAUSE**. Tags will feed. Allow several tags to feed, then release **PAUSE**.
5. Press **ENTER** key 1x and then **RESTART** key 1x to put the printer back online.

OTHER SETTINGS

HEAD CHECK

1. Press and hold FEED & PAUSE keys and turn ON the printer, should display [SYSTEM MODE]
2. Use directional arrow to cursor to [DIAGNOSTIC] and press the ENTER key
3. Cursor down to [HEAD CHECK] and press the ENTER key to check the print-head condition.

> *NORMAL END = head is good and has no broken elements.
> *HEAD ERROR   = broken elements on the printers head.

TONE ADJUST Darkness Setting

1. Press and hold FEED & PAUSE keys and turn ON the printer, should display [SYSTEM MODE]
2. Use directional arrow to cursor to [SET PARAMETERS] and press the ENTER key
3. Cursor down to [TONE ADJ. <T>] and press the ENTER key
4. Use the UP & DOWN arrow to change the darkness setting and press ENTER
5. At the [TONE ADJ. <T>] setting, cycle power the printer

Z-MODE (Zebra Language) ON

1. Press and hold FEED & PAUSE keys and turn ON the printer, should display [SYSTEM MODE]
2. Use directional arrow to cursor to [EMULATION MODE] and press the ENTER key
3. Cursor down to [Z MODE ON] and press the ENTER key
4. At the [EMULATION MODE] setting, cycle power the printer.

D-MODE (Datamax Language) ON

1. Press and hold FEED & PAUSE keys and turn ON the printer, should display [SYSTEM MODE]
2. Use directional arrow to cursor to [EMULATION MODE] and press the ENTER key
3. Cursor down to [D MODE ON] and press the ENTER key
4. At the [EMULATION MODE] setting, cycle power the printer.

EMULATION MODE OFF

1. Press and hold FEED & PAUSE keys and turn ON the printer, should display [SYSTEM MODE]
2. Use directional arrow to cursor to [EMULATION MODE] and press the ENTER key
3. Cursor down to [OFF] and press the ENTER key
4. At the [EMULATION MODE] setting, cycle power the printer.