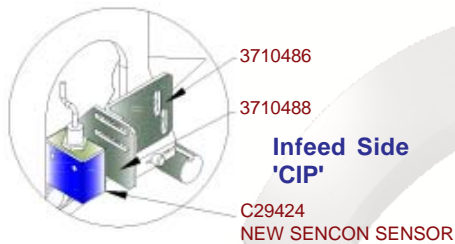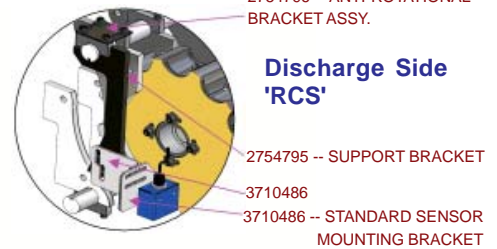# 595 Light Tester Upgrade

This Technical Bulletin, introducing the latest upgrade option for the Belvac 595K-SK Light Tester, supersedes Technical Bulletin issue #02, volume 10, dated January 2007. This bulletin is Belvac's answer to our customers' request for a simplified system. In working closely with Sencon, Belvac's Electrical Engineering Department has developed an upgrade assembly to replace the existing software with automated enhancements designed to assist in the setup of the Light Tester during recalibration.

A step-by-step prompt for sensor calibration will be displayed on the Sencon two-line display and will guide the technician through the recalibration process. New sensors [C28424] have been integrated into the system and will replace existing sensors. Their rectangular shape and rugged construction offer a wider field of view and deeper sensing range, allowing their location to reside outside the can path and eliminate interference during high-speed operation. New brackets have also been designed to reduce sensor installation time.

NEW MECHANICALLY DESIGNED SENSOR BRACKETS

3710486
3710488
Infeed Side 'CIP'
C29424
NEW SENCON SENSOR

2754796 -- ANTI-ROTATIONAL BRACKET ASSY.
Discharge Side 'RCS'
2754795 -- SUPPORT BRACKET
3710486
3710486 -- STANDARD SENSOR MOUNTING BRACKET

Can reject on/off timing can now be fine-tuned to match machine operating speeds, compensating for solenoid response time and reducing good can spoilage; found most effective between the 2600 and 3000 CPM range.

Belvac's newly developed documentation package will be provided with your upgrade assembly package along with a backup software disk. This revised document, supplied through Sencon Inc., outlines the operation of all the new upgrade features the system has to offer. This upgrade has been labeled *BV24 from BV23*, to ensure there is no confusion between existing system versions.

With positive field testing completed, we are excited at the release of this new option and anticipate your interest.

This upgrade option in some cases has taken 1.5 to 2.0 hours under adverse conditions, but in the majority of conversions can be completed during a normal label change by a *qualified Light Tester Service Engineer*.

Please order the following kit number according to your system serial number. See table below for ordering instructions.

Serial No.s LT-50 **and above**:	**3710490-A**	Serial No.s LT-49 **and below**:	**3710490-B**

NOTE: IMPORTANT INFORMATION

1. Customers having serial numbers LT-038 to LT-049 can return their resolver cards for a flash memory upgrade.
2. Certain customers may be required to upgrade additional components due to specific items being obsolete or not backwards compatible, *e.g.*, Servo Motor upgrade, RCS [reject check sensor] upgrade, or Lamp Current Monitor option.

Contact Belvac Sales or Service Representatives for additional information.