SERVICE BULLETIN
MAINTENANCE OF WAY EQUIPMENT

DATE: 10-2018   **BULLETIN NO:** 18-009

TITLE: Product Firmware Update

RATING:

☐	**DIRECTIVE** (Action Is Required)	☐	**ALERT** (Potential Problem)
☒	**INFORMATION** (Action Is Optional)	☐	**PRODUCT IMPROVEMENT** (Enhance Product)

PRODUCT SERIES / MODEL: Protran PT-0203, PT-0204 and PT-0206 Units

SERIAL NO: ALL

SUMMARY: Product firmware, #5074754, has been updated to V3-00 R063. This release improves product performance by adding a feature to automatically detect changes in location of the unit in the machine lineup.

Protran Technology is making users aware of the units affected via this Service Bulletin.

OPERATIONAL IMPACT: The latest software is not fully backwards compatible with earlier versions of software. Prior versions supported pairing to a remote unit via unit serial number, the new version uses a simplified location numbering scheme, and cannot be paired to the old software.

ACTION: If pairing via serial number is being used, update all PT-0203, PT-0204, and PT-0206 units with the latest firmware. Refer to the latest PT-0203, PT-0204 and PT-0206 operation manual for the procedure to configure unit location in the machine lineup.

CONTACT: Protran Technology Service Department
Columbia, SC Facility
(973) 250-4176
(973) 862-6220

Safety Information

⚠️ **WARNING**

- ■ **FOLLOW APPLICABLE RAILROAD LOCKOUT - TAGOUT PROCEDURES TO DISABLE ENERGY SOURCES WHEN PERFORMING MAINTENANCE, MAKING ADJUSTMENTS OR REPAIRS TO THE EQUIPMENT. FAILURE TO HEED THIS WARNING COULD RESULT IN SEVERE BODILY INJURY.**

Product Firmware Update Instructions

1. Request a USB flash drive with updated PT-0203, PT-0204 and PT-0206 software and Operation Manuals for the units. Please contact Protran Technology Service Department at contact listed above.
2. Power the unit off.
3. Insert the USB stick with the software file (ca_image.hex) in the USB Port (2).
4. Press and hold the top button (1) on the unit.
5. Power up the unit while holding the top button.
6. LED (3) next to the display should begin to flash red on and off. When the red LED begins to flash, release the button.
7. After the software update has completed, the unit will automatically reset and begin normal operation.
8. During normal operation, press the top button to display the version screen, and verify the version displayed is: V3-00 R063

FIGURE 1
PT-0203 COLLISION AVOIDANCE UNIT