

# Release Notice: 04/09/2018

## Raptor System Display Updates

### **New software updates have been released for the front PV450T and rear PV780T displays of the Raptor System.**

This is a required update; all field units should be updated to the new revision. Verify the display software revision from the System Settings screen. See attached PDF for update instructions.

*NOTICE: These new display updates are not compatible with prior revisions; all three displays must be updated together. If an update is unable to be completed on any of the three displays, it will be necessary to revert the updated displays to the prior revisions. Contact Michael Marshall, [mmarshall@millerind.com](mailto:mmarshall@millerind.com), in Customer Service, for assistance resolving the issue preventing the update; cell: 423-713-6403.*

### **New Release 04/09/2018**

Front Display: [update-full-RAPTOR-FRONT-PV450T-R11.tar.gz](http://update-full-RAPTOR-FRONT-PV450T-R11.tar.gz)

Rear Display: [update-full-RAPTOR-REAR-PV780T-R19.tar.gz](http://update-full-RAPTOR-REAR-PV780T-R19.tar.gz)

Visit <https://www.millerind.com/r/updates> for all current production update files and instructions.

### **Release Notes**

- Full touch screen control of the Whelen Freedom IV Lightbar (0300777) with the CAN Gateway Module.
  - Multiple Lightbar and Traffic Advisor patterns.
  - Low Power Mode. A Whelen Low Power indicator shown at the bottom of the screen.
  - Disable front or rear sections of the lightbar.
  - Incident Management lighthouse automatic or manual control. Incident Management icon will be shown when active (red/blue/white lighthouses are on).
  - Traffic Advisor can operate with turn signals.
- Schematics/Diagnostics
  - Menu option labeled Schematics offers CAN system status of each node.
  - Touch Screen Diagnostics Test.
  - Eaton module software revision polling.
  - Each module icon will display a pinout diagram of that module.
- User Interface Changes
  - Initial setup questions determine if the Whelen and Video applications are shown.
  - Incident Management manual control button is the top right button.
  - PTO now requires a button press to confirm engagement/disengagement within 5 seconds.

- The Load Moment Indicator (LMI) system allows rope capacity changes, and include DY-PAC rope sizes. **REQUIRES MC2 SOFTWARE REVISION 5.1 OR HIGHER. ROPE CAPACITY MUST MATCH THE PHYSICAL ROPE INSTALLED ON THE MAIN WINCHES.**
  - This change is only allowed after entering the unlock code 8503.
  - Available rope options:
    - 1/2" CABLE WORKING LOAD LIMIT: 7,500 lbs.
    - 5/8" CABLE WORKING LOAD LIMIT: 11,600 lbs.
    - 5/8" DY\_PAC CABLE WORKING LOAD LIMIT: 12,971 lbs.
    - 3/4" CABLE WORKING LOAD LIMIT: 16,560 lbs.
    - 3/4" DY\_PAC CABLE WORKING LOAD LIMIT: 18,514 lbs.
    - 7/8" CABLE WORKING LOAD LIMIT: 22,420 lbs.
    - 7/8" DY\_PAC CABLE WORKING LOAD LIMIT: 25,028 lbs.
- Bug Fixes
  - FIXED – RPM/PTO warning appearing on the front display at times while driving.
  - FIXED – Skipping setup questions with power cycles.
- Known Issues
  - Diagnostic warning indicator may appear at power up at the bottom of the rear display. The diagnostic messages are not real and can be ignored or dismissed by tapping the warning icon the pressing the top right button. Real diagnostic messages will appear by filling the entire display with the message if a fault occurs.