



**Doosan Infracore  
Portable Power**  
1293 Glenway Drive,  
Statesville, NC 28625  
T 800-633-5206

## TECHNICAL SERVICE BULLETIN

**Number: PC7-039**

**Date:** 10 June 2013

**Subject:** Cummins QSX15 T4i Belt Breakage

**Models Affected:** HP1600WCU-T4i

**Serial Number Break:** Any HP1600WCU-T4i prior to s/n 453075 (excluding s/n 447216, 447217, 446679, 446341, 447215, 446675, 447219 and 446339)

**Issue:** Broken Fan Belt

**Remedy:** "soft shutdown" that reduces the idle speed during engine shutdown from 1,200 rpm to 1,000 rpm for 5 seconds.

The below is required for the update:

- Doosan Software
- Cummins Software
- Fan Belt

The Doosan software and the Cummins software must be uploaded to the machine and engine together. You **MUST** schedule your Cummins distributor referring to Cummins **Bulletin 1390** to be on site with you so both software and the fan belt can be installed at the same time.

**THE MACHINE WILL NOT OPERATE CORRECTLY IF ONLY THE DOOSAN SOFTWARE OR ONLY THE CUMMINS SOFTWARE IS INSTALLED.**

The Doosan software can be acquired by email or by requesting a computer thumb-drive to be mailed. If by email the software will need to be downloaded to a Flash drive which will be plugged into the Viewport. The below instructions guide you through the uploading and downloading process.

Contact the Doosan Field Service Department at 800.633.5206 for the email or Flash drive or email request to [jim.phillis@doosan.com](mailto:jim.phillis@doosan.com) or [tommy.gobble@doosan.com](mailto:tommy.gobble@doosan.com)

Warranty claims will be accepted for 1.0 hours labor plus travel time and mileage. Reference campaign 13-1 on the warranty claim.

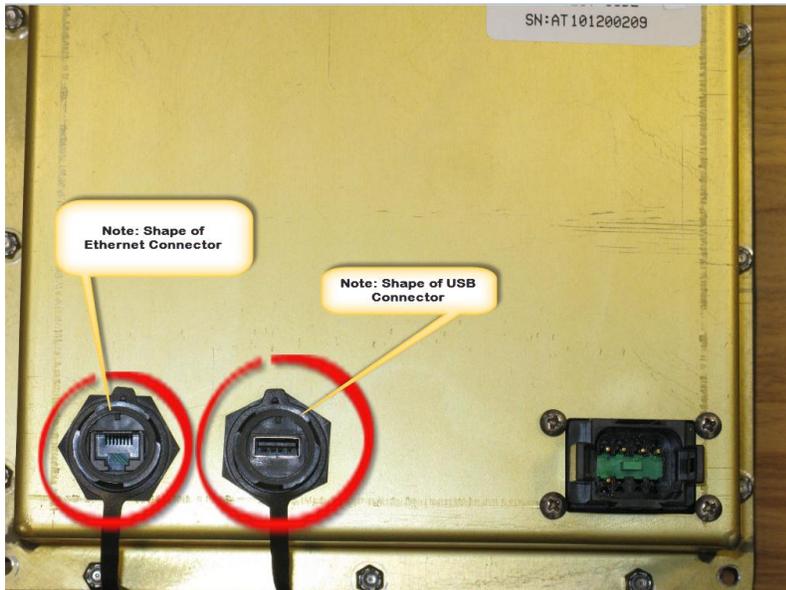


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## Viewport Upload Instructions

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- Step 1. Turn ignition switch to the “ON” position, first position.
- Step 2. Wait for the viewport to power up and display the data screen.
- Step 3. Open the control panel to gain access to the back of the viewport.
- Step 4. Insert the supplied flash drive into the USB port on the back of the viewport.



Step 6. After inserting the flash drive, watch the viewport screen to see the update actions. You will see a lot of information scroll across the screen. It will pause for a minute or two during some actions. Follow instructions indicated on the Viewport screen in large letters. Do not do anything until instructed by the viewport screen.

Step 7. When the update is completed the viewport will indicate to remove the flash drive. After the flash drive is removed the viewport will reboot. After you see the Doosan logo screen, the viewport will update the Titan controller, IQ TCU, and CAN gateway. The progress of this will be shown with a progress bar indicating 0-100% going from left to right on the viewport screen. The update is complete once the viewport returns to the normal data screen.