

Solution Number: 55966

Solution Summary: “Extra” Light on Dash Flashes "Codes" What Do they Mean? - X485 X585 Tractors (S/N - 040000).

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****Paper copies of solutions may not be the most current solutions****

Complaint or Symptom:

There is an “extra” light on the dash above the “normal” row of indicator lights. What is it for?

Tractor is flashing a “code” on dash light, cannot find information on what “code” applies to what sensor in online Technical Manual.

Problem or Situation:

Operators Manual does not explain operation of this light to the customer.

Technical manual does not list what codes are available and what circuit they represent.

Solution:

1. The “extra” light is used to flash diagnostic codes relating to the operation of the fuel injection system.
 - The light will come on each time the key is turned to the on position as the fuel injection system is “checked out”. Occasionally, the light will flash a code even though the tractor appears to be operating fine. If the code is 2 long flashes followed by 2 short ones, this simply means there was an error in the “check out” function. Turn the key off, wait a few seconds then turn the key back on. Wait for the light to go out, then start engine and continue mowing.
 - If the code is different than described above, identify as described in step 2.

2. Codes are as follows:
 - One long, two short = Inlet Air Temperature Sensor
 - One long, three short = Coolant Temperature Sensor
 - Two long, one short = Vacuum Pressure Sensor
 - Two long, two short = Error in atmospheric pressure measurement. Not a functional

problem, likely just an error in reading at startup. Turn engine off, wait a few seconds, then turn key on and wait for light to go out, then start tractor.

Additional Information:

- Appropriate publications will be revised at next available opportunity.
- On X485 & X585 this light is simply the unused glow plug light from the diesel model tractors. Tractors use the same instrument cluster. This is the same as previous 445 models.

(GAJ/SGH)

X585, X485AWS, X485

INST, INSTRUMENTS, ENG, TM, LIGHT, FA, OM, CCE Elec