

# PARTS & SERVICE NEWS

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- SUBJECT:** ENGINE WARNING INDICATORS IN THE OVERHEAD DISPLAY
- PURPOSE:** Inform the field of an available kit for changing the location of one of two red "stop engine" warning indicators currently located in the overhead display.
- APPLICATION:** Komatsu Electric Drive Dump Trucks:  
930E: AFE48-A & Up, A33019, A30026 & Up  
830E: AFE50-A & Up, A30544 & Up;  
**equipped with Cummins QSK-60 engines or Komatsu S37A16V160 engines**
- FAILURE CODE:** DP00Z9
- DESCRIPTION:** Engine Warning Light Modification Kit (XKC152)

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Trucks equipped with Cummins QSK-60 engines or Komatsu S37A16V160 engines are equipped with two red "stop engine" warning lamps, and one yellow "check engine" lamp.

- 930E trucks:** The two red lamps are located in E3 & E5, and the yellow lamp, E4. Refer to Figure 1.
- 830E trucks:** The two red lamps are located in E3 & A5, and the yellow lamp, E4. Refer to Figure 2.

The seemingly redundant, red "stop engine" lamp in E5 (A5 on 830E trucks) has caused some confusion as to the proper response actions when illuminated. Because of the confusion caused by this light, a kit has been developed that initiates moving the E5 light (A5 on 830E trucks) near the engine diagnostic connector, away from the view of the operator. A "not used" decal will replace the current decal in the overhead display.

The new warning light is a blue light that is designated with the following "maintenance needed" decal:



If this warning light illuminates, engine maintenance is necessary at the next maintenance interval. Some conditions that may illuminate this lamp include the following:

- Coolant pressure sensor failure
- Oil temperature sensor failure
- High intake manifold pressure
- Fuel temperature sensor circuit failure

Refer to the table below for a complete listing of the contents of the kit. Schematics for each model truck and an instruction drawing are included in the kit.

*NOTE: After the indicator light is moved to the new location, the new, "not used" indicator may be wired to the lamp test circuit by following Steps A thru D on the instruction drawing (EK2312).*

<b>ENGINE WARNING LIGHT MODIFICATION KIT (XK0153)</b>		
<b>Part Number</b>	<b>Description</b>	<b>Quantity</b>
EK2311	Engine Light Modification Schematic	1
EK2312	Engine Light Modification Instructions	1
EK2314	Plate, Mounting Lamp	1
EK2315	Harness, Lamp	1
EK2316	Diode	1
MM0327	Screw, Pan Head	4
MM0370	Nut	4
PC0551	Lamp, LED White FAY one.	1
SM4315	Decal, Not Used	1
SM4443	Lens & Body Wiring Flash Assembly	1
SM5073	Decal, Service Engine	1
VE6051	Tool, Contact Removal	1
VN9764	Flatwasher	4

