

Olympian Technical Information Bulletin



TIB 0014

7th November 2006

**SUBJECT: Perkins 1100 series engines Fuel Prime
Procedure for units fitted with
1001 control panels.**

Problem:

Difficulties in priming or purging air from the fuel system can be experienced during servicing, installation, fuel system repair or if the unit runs out of fuel. The engine has no way of manually priming the fuel system and using the crank cycle to prime the fuel system may reduce battery and starter motor life.

Other Related References:

SB 0003 - PCA for units fitted with the Rental and 6000 control panels.

TIB 0015 for units fitted with the Powerwizard control panel.

AFFECTED SERIAL NUMBERS

*X3A	00001-UP	*E3E	00001-UP	*E4C	00001-UP
*116	00001-UP	*117	00001-UP	*118	00001-UP

Solution:

The following procedure has to be followed due to the fault protection timer de-energizing the Engine Fuel Control Solenoid & Fuel Lift Pump on Low Oil Pressure after approximately 15 seconds of the switch being placed in position 1.

1. To prime the fuel system the key-switch should be turned to position 1.
2. When the Low Oil Pressure LED illuminates turn the key-switch to position 0 to re-set the fault.
3. Turn to position 1 again to continue fuel priming.
4. Repeat steps 1-3 a further five times prior attempting to start the engine.
5. If the set refuses to start repeat steps 1-3 until the engine starts.

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