

## Check the feedback signal

### Does this solve the problem?

1] Yes

2] No

3] I don't know

- **Explanation**  
**IN THE NACELLE:**

Check the feedback signal and grease flow with the lubrication points disconnected from the bearing inlets.

If the sequence increases after disconnection the bearing inlets, there might be a clog in one of the bearings or bearing inlets.

Remove the bearing cover and clean the grease flow path,

Ensure the lubrication points are connected in the below sequence.



- 1 Ferrule nut
- 2 Cutting ring
- 3 Valve body with sealing and ferrule

Top up the grease level in reservoir by using manual grease gun

Remember to let the generator turn when grease is injected.

### Replace the Manifold and Hoses

Does this solve the problem?

1] Yes

2] No

3] I don't know

- **Explanation**  
**IN THE NACELLE:**

Remove the hose connection of both bearings and check that an equal amount of grease comes out of each lubrication hose.



If no grease comes out of one of the hoses there might be a clog in the suction pipe of inside the pump, distribution manifold or the hose Clean and replace if needed.

If there is an un-equal amount of grease one of the outputs of the distribution manifold might be clogged or one of the hoses might have been crushed. Inspect clean, repair or replace as necessary.

Remove the manifold check the 'O' ring if any damage





Generator Grease pump  
Manifold 'O' ring



Relevant spare parts	
Description	Item No.
MANIFOLD FOR 60113706	<a href="#">60120964</a>





Ensure that the un-used manifold outlets are closed by a CLOSING PLUG.







Relevant spare parts	
Description	Item No.
HOSE F. AUT. LUB MOB. SHC 100 (REAR)	<a href="#">60092375</a>
HOSE F. AUT. LUB. MOB. SHC 100 (FRONT)	<a href="#">60092376</a>

**Replace the defective components**

**Does this solve the problem?**

1] Yes

2] No

3] I don't know

- **Explanation**  
**IN THE NACELLE:**

Check the pump operation through TAC-II controller,

**Service Menu → Manual Test → Start/stop generator grease pump**

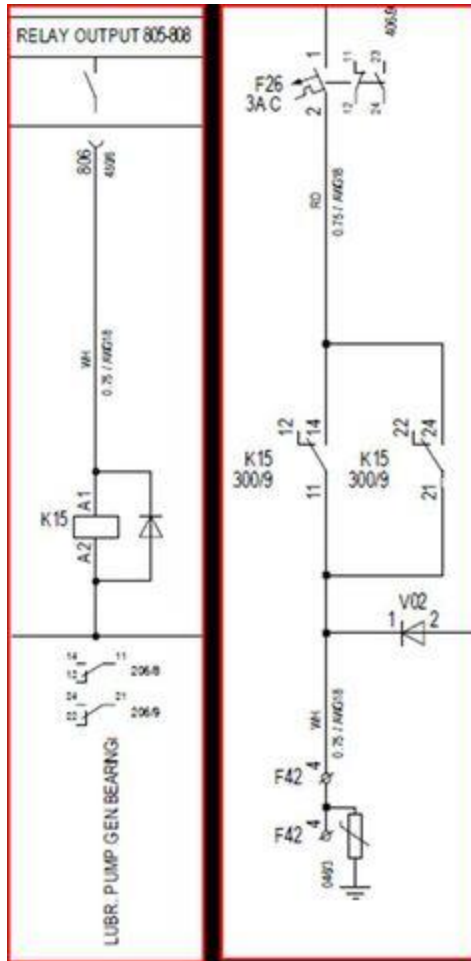
Ensure that the pump operating as normal.

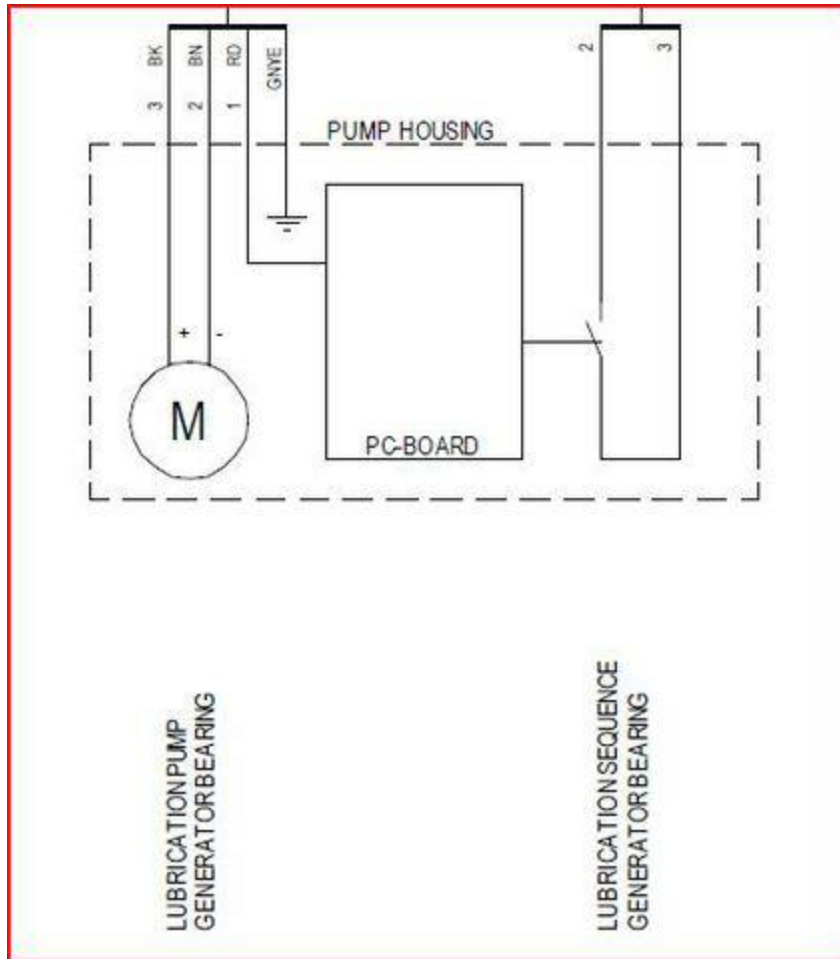


If pump is not working check the wiring connections at the pump for loose or corroded pins/wires.



Check the relay output supply from TOI and K15 relay function.





Check the input supply cable (W341) and feedback signal cable (W578)

Check the input voltage presence in the pump connector.



If found to be defective, replace the grease pump.

Relevant spare parts	
Description	Item No.
LUBR.PUMP MOBILITH SHC 100 LINCOLN 401	<a href="#">60113706</a>
LUBR PUMP KLÜBER BEM 41-132	<a href="#">104650</a>

Relevant documentation
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Description	DMS No.
Replacing grease lubricator f. generator	<a href="#">1001906</a>
SI-Lubrication unit generator bearings	<a href="#">1001451</a>

### Check the grease pump and reset the counter

#### Does this solve the problem?

1] Yes

2] No

3] I don't know

- **Explanation**

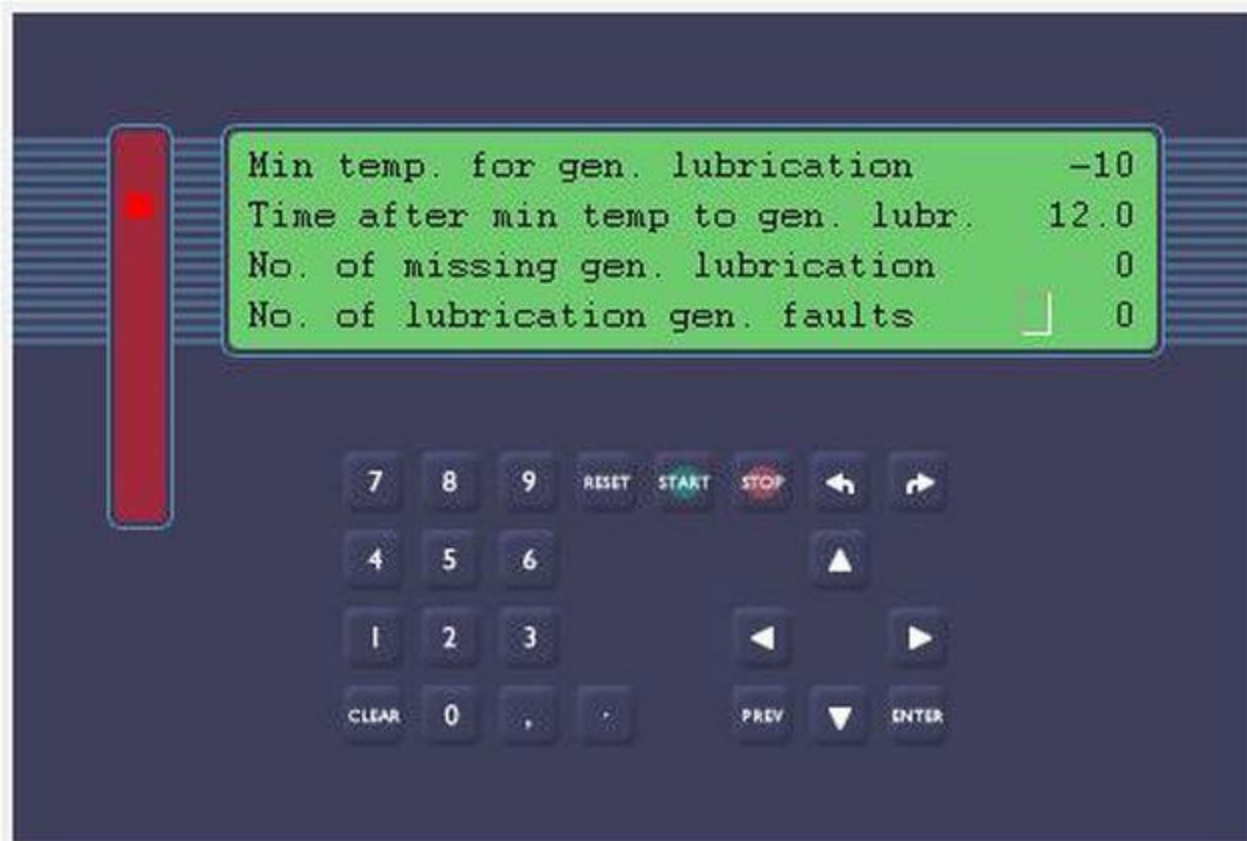
Keep the lubrication points disconnected.

Reset the counter through TAC-II controller,

**Configuration→ Set Operation parameters→ Generator lubrication pump→ No .of missing gen, lubrication**

**No .of lubrication gen faults**

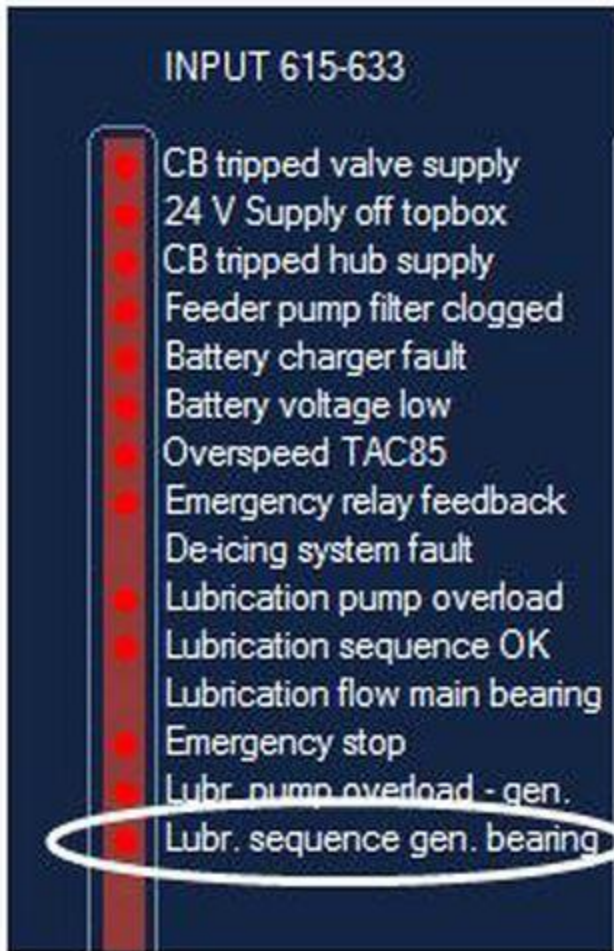
and manually set the counter to 'zero'.



Operate the pump through TAC-II controller,

**Service Menu → Manual Test → Start/stop generator grease pump**

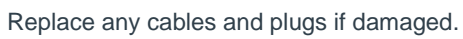
Check the lubrication sequence LED is blinking "No. of lubrication gen. faults"



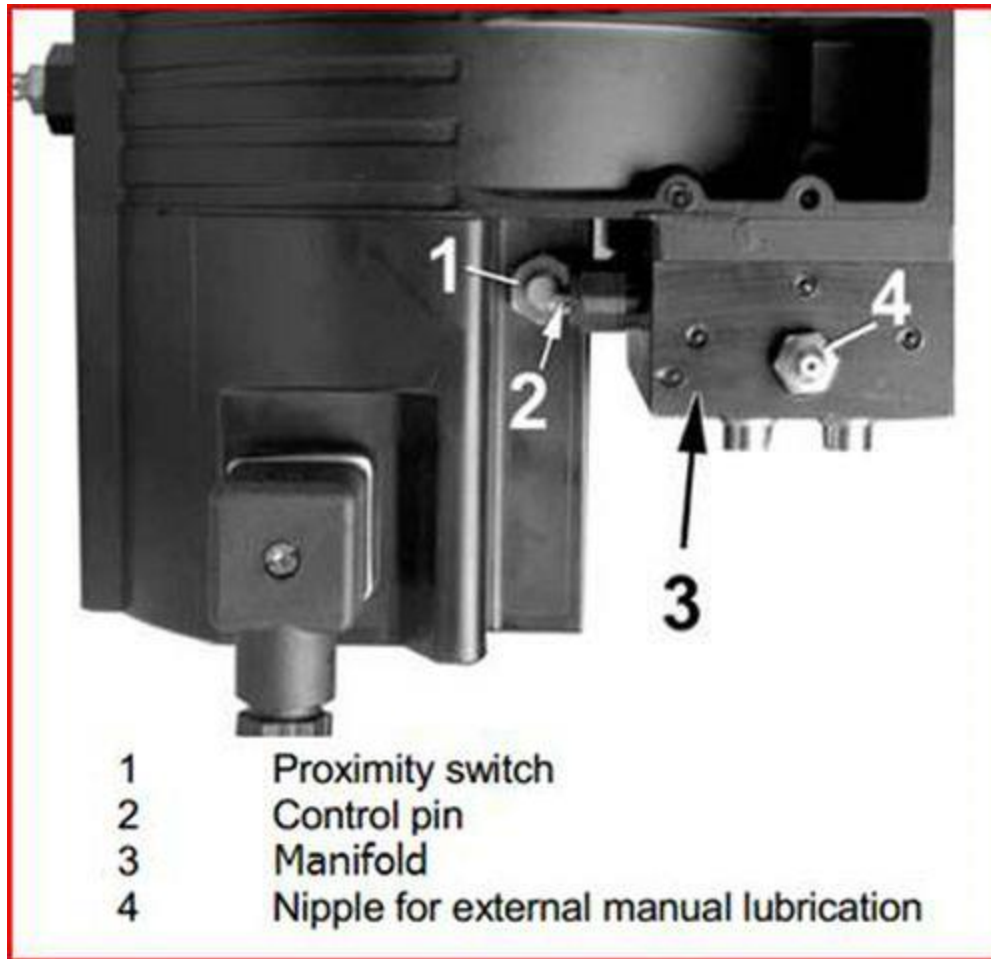
Check that the counter is increased.

If the sequence is completed but the system increases the counters the feedback system may be defective.

Check that the plug fittings properly and cables connected in the connection box.



Replace any cables and plugs if damaged.



In some cases the TOI input may be the cause of the problem.

Relevant spare parts	
Description	Item No.
TOI-II INTERF EXT POC	<a href="#">51701601</a>