

Liebherr-Great Britain Ltd.



Service process and customer data	
Service process number 12100544	Date Jan 12, 2021
Customer/Company JOHN KELLY CONSTR. SERVICES LTD	
Street LLANDDANIEL	
Zip Code LL60 6DY	City ANGLESEY LL60 6DY
Customer order no. LP/EMT/AS/Std Warr... 837514	Sales order number
Contact of the customer on site	

Machine and service assignment information			
Machine 049965-1486/R922	Machine type R 922	Superordinate machine	
Operating hrs. 1049	Operating hrs. UC	Operating hrs. LC	Kilometers
Operation site street Cysgod y Graig			
Operation site ZIP		Operation site Denbighshire, LL18 6BP	
Performing engineer Alan HIGHAM		Operation manager TAGG, Adele	
Further engineers			

Work carried out			
Action 10	Brief description B159 error	Whereabouts of removed parts No parts used	Finished <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Action 20	Brief description Fit new parts	Whereabouts of removed parts Returned with service employee	Finished <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Action 30	Brief description Replace refuelling pump	Whereabouts of removed parts No parts used	Finished <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Time sheet									
Description	Day	Date / Time until		Date / Time until		h	Distance	Country	From place - to place Remark
Travel time	Wed	Jan 20, 2021	8:00 AM	Jan 20, 2021	10:15 AM	2:15	110 miles		Home-site
Working time	Wed	Jan 20, 2021	10:15 AM	Jan 20, 2021	1:30 PM	3:15			
Travel time	Thu	Feb 25, 2021	8:00 AM	Feb 25, 2021	10:00 AM	2:00	110 miles		Home-site
Working time	Thu	Feb 25, 2021	10:00 AM	Feb 25, 2021	1:00 PM	3:00			
Break	Thu	Feb 25, 2021	1:00 PM	Feb 25, 2021	1:30 PM	0:30			
Travel time	Thu	Feb 25, 2021	1:30 PM	Feb 25, 2021	3:30 PM	2:00	110 miles		Site-home
Working time	Thu	May 6, 2021	12:00 PM	May 6, 2021	1:30 PM	1:30			

For the execution of assembly and repair work, the overleaf listed delivery and payment conditions are valid. In the case of invoicing, the rates are taken as basis, which were valid at the time of the execution of the work. The customer confirms that the work has been carried out correctly and also the correctness of the above-mentioned time recording. Warranty orders can only be processed if the defective parts are immediately sent to our factory.

May 6, 2021		JOHN KELLY	
Date	Signature engineer	Customer	Signature customer

Attachments:
Details of the work carried out
Material overview

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Details of the work carried out

Action 10	Explanation of the work carried out Found machine with error for B159 greater than 15 bar pressure from P1 when safety lever in raised position. Install Sculi & take error download. Check B150 pressure sensor & found it showing 16 Bar in wizard screen 3.1.6 Check pressure with multi-handy at P1 pressure test point M25 & found 4.s bar but B159 showing 16 Bar. Check P2 pressure at M26 & found 4.2 bar & B160 showing 3 Bar. Was unable to remove B159 pressure sensor due to difficulty of location & lack of 27mm socket to go over the sensor. Tried to remove B159 pressure sensor with a ring spanner but found the sensor was very tight on its threads & due to lack of suitable tap decided not to remove the pressure sensor at this time. Customer also reported that the re-fueling pump goes into fault mode when switched on & the hose is dropped into diesel. This requires investigating on next visit.
Action 20	Explanation of the work carried out Replace B159 pressure sensor on valve chest. Install Sculi & check operation of B159. Now not showing 16 Bar with safety lever in the up position is now showing 0 Bar. Remove faulty re-fuelling pump & found that new re-fuelling pump did not come fitted with a plug to connect it to control unit of smarts re-fuelling system, also the new re-fuelling pump is a different design to the one fitted & also has larger diameter wiring. Sent all information to Paul garland & Chris Marshall for advice on how to proceed.
Action 30	Explanation of the work carried out Remove old re-fuelling pump but was still unable to fit new re-fuelling pump as the hose connections are different. The original fittings are a push in fitting with "o" ring but the new pump has a screw in fitting. See photos

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Material overview

Delivered new part

Sales order number 837514

Action	Pos.	Itemnumber	Item description	Quantity	QU	Serial number - New part
20	2	12222693	PRESSURE TRANSMITTER	1	ST	

Additionally delivered material

No used material reported

Returned new part

No used material reported

Returned used part

Action	Itemnumber	Item description	Quantity	QU	Serial number - Used part
20	12222693	PRESSURE TRANSMITTER	1	ST	