

Service Notice Number: 20160929-4

Date: December 21, 2016

WARNING! Potential failure of fuel tanks in the Classic 300 HE, Classic 300 MP, SAE 300 HE, SAE 300 MP, and SA 400i that may result in an environmental hazard, and in certain circumstances, fire.

Product(s) Covered:

Machine	Code #	Serial Range
Classic 300 HE	11902 SPLC65413 SPLC66614	C1150500889-C1160800711
Classic 300 MP	12423 12546	C1150500899-C1160700603
SAE 300 HE	11906 11906SPL1 11907 12162	C1150500905-C1160100131
SAE 300 MP	12268 12268SPL1 12547 12547SPL1 12584 12629	C1150500875-C1160900730
SA-400i	12267 12267SPL1 12267-S2 12549 12543	C1150600978-C1160400262

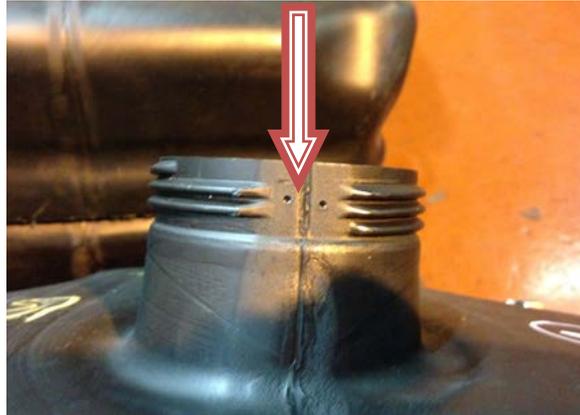
Symptoms:

The fuel tanks in these machines may leak diesel fuel.

Recommended Action:

A machine listed within the code and serial number range is to be inspected by a Lincoln Electric Authorized Service Facility (LASF). Any fuel tanks that do **NOT** have two punch marks

between the filler neck threads as shown below will need replacement through warranty as outlined in this document. Any fuel tank replacement is to be performed by a Lincoln Authorized Service Facility only.

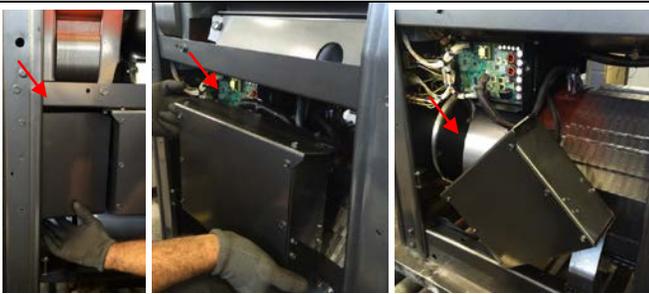
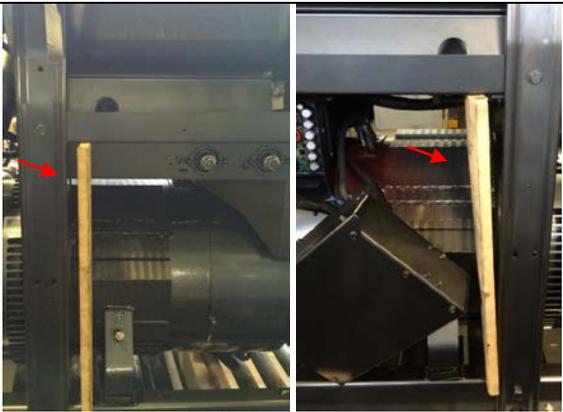


PUNCH MARKS ON FILLER NECK

Procedure for Lincoln Authorized Service Facility Only:

1	Remove fuel cap and inspect for the two punch marks on the filler neck as shown above, identifying an approved fuel tank. If no punch marks are visible, proceed to step 2.
2	Turn the engine off, open the doors and disconnect the negative battery cable. The doors must be secured while disconnecting the battery cable.
3	Remove roof and doors.
4	<p>Inspect the date code molded onto the tank. If the date code is after 10/6/16 then this service notice does not apply.</p> <p>Note this date code along with any other date markings on the tank for inclusion in warranty report.</p>

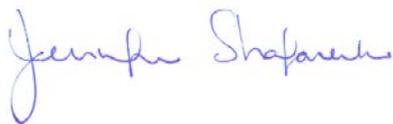


<p>5</p>	<p>Disconnect fuel level sensor leads. Disconnect and plug fuel return line.</p>	
<p>6</p>	<p>Shut off flow to fuel filter by closing the valve on the filter. Detach fuel filter from the filter bracket and remove fuel line from engine. Drain fuel in the tank by opening the valve at the fuel filter</p>	
<p>7</p>	<p>If the machine is not an M.P. unit or is not equipped with a C.V. box, proceed to step 8. Remove side guard protecting printed circuit board, CV box and 6 pin connector. Let CV box rest on base frame.</p>	
<p>8</p>	<p>Remove bolts holding fuel tank assembly on the output rail. Support the output and fuel tank rail.</p>	

<p>9</p>	<p>Remove bolts holding fuel tank and output rails to lift bale. Remove top bolts and loosen bottom bolts connecting the lift bale to base frame. Rotate lift bale towards engine.</p>	
<p>10</p>	<p>Remove zip ties connecting wiring harness to tank tray.</p>	
<p>11</p>	<p>Remove fuel tank assembly with fuel filter from machine. Disconnect fuel line from tank. Remove four screws from the fuel tank holder tray, screws on the opposite side bracket to be loosened only. Remove the fuel tank from the assembly.</p>	
<p>12</p>	<p>Insert new approved fuel tank supplied, in the fuel tank holder assembly and install 4 removed screws including the washer spacers, but do not tighten. Push side rails against tank and tighten the four lower tray screws. Tighten the four remaining screws. Connect fuel line to tank and place assembly into machine. Remount fuel filter and connect supply and return lines.</p>	

13	Reassemble lift bale to base and torque to 65 ft. lbs. Reassemble fuel tank rail and output rail. Install new zip ties between harness and fuel tank tray. If equipped, reconnect 6 pin connection and reinstall the CV box. Fasten fuel tank assembly to output rail.	
14	Install printed circuit board guard if applicable, level sensor leads, roof, and doors.	
15	Fill tank with fuel, connect battery terminal and start machine. Inspect function of level sensor and fuel lines for leaks.	

Lincoln Electric will provide the fuel tank at no charge and pay the Lincoln Authorized Service Facility for 2 hours labor as indicated in the Lincoln Authorized Repair Time for each machine. Please reference this service notice number, the tank date code, and any additional date markings on the tank in the repair description field when filing the warranty claim. If you have any questions regarding this notice, please contact us at 1-888-935-3877.



Jennifer Shafarenko
Manager, Customer Service



Bryan Turner
Assistant Manager, Customer Service