



Construction Equipment North America

ALERT

Release Date: July 11, 2003

Subject: Wheel Loader Product Update – Select L180E, L180EHL, L220E Loaders
Fuel line and electrical cable routing checking and repositioning

Description of Product Update: Reposition fuel lines for improved routing. Check electrical cable for scuffing and tighten terminal connections.

Reason for Product Update: To provide improved routing of fuel line, preventing potential of fuel leakage. Check cable harness routing for scuffing and make certain electrical connections are secure per instructions.

Affected Models and Serial Numbers: L180E, L180E High Lift and L220E per the serial number range listed below. Note exceptions in the listing.

Machine	Serial No. (Arvika factory)	Serial No. (Asheville Factory)
L180E & L180EHL	5001 thru 5493 Except: 5447, 5451, 5458, 5471, 5472, 5474, 5476, 5478, 5481, 5482, 5485, 5488, 5492	62501 thru 62543
L220E	2001 thru 2556 Except: 2385, 2478, 2480, 2484, 2506, 2531, 2536, 2537, 2541 2542, 2543, 2545, 2547, 2549, 2550, 2551, 2552, 2554, 2555	

Action Required: Inspect fuel lines. Change routing and clamping of fuel lines per enclosed instructions. Inspect and check cable harness (starter to fuse box) for scuffing or insulation breaks. Adjust cable position if required. Secure cable connections at fuse box per enclosed instructions. Change affected electrical harness and fuel lines with new, if there is evidence of scuffing or damage.

Special Action Required: On all L180E loaders and L220E loaders from serial number 2223 and after, there is a fuse box in the engine compartment. The cable harness from the starter motor feeds the fuse box. This cable must be checked for correct routing, scuffing, or breaks in the insulation. This cable connection in the fuse box must be checked for a secure connection per the enclosed work instructions.

Parts Required:

Description	New part number	Qty.
Washer	955922	If required
Bracket	965576	1
Bracket	13965534	1
Clamp	13949747	2
Flange bolt	946440	4
Flange nut	13945408	2
Strip clamp	4881440	1
Washer	13969011	2

WARNING:

 Please follow all safety precautions indicated in the Service and Operators Manuals for the model to be updated. Please follow all proper repair procedures as indicated in the update instructions or in the Service Manual for the model to be updated. Volvo Construction Equipment North America is not responsible for damage resulting from the failure to follow these instructions.

If you have a machine that could be affected by this alert, please contact your local Volvo dealer. Find your closest dealer with the Dealer Locator on www.volvoce.com. If you have any questions or concerns, contact Volvo at techsupport.vcesna@volvo.com or 828-650-2001, option 2.