



Product Support Bulletin 2019-001

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Oak Creek, WI 53154

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Maintenance of Way ~ Work Equipment Bulletin

DATE: November 1, 2019

SUBJECT: Replacement of Danfoss Series 51 with the Danfoss H1 Track Drive Motor

RATING:

<input type="checkbox"/> DIRECTIVE (Action is required)	<input type="checkbox"/> ALERT (Potential Problem)
<input checked="" type="checkbox"/> INFORMATION (Action is optional)	<input type="checkbox"/> PRODUCT IMPROVEMENT (Enhance Product)

MACHINE MODEL(S): M7 Ballast Regulator

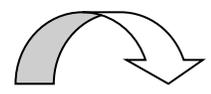
SERIAL NUMBER(S): 800300 thru 800561

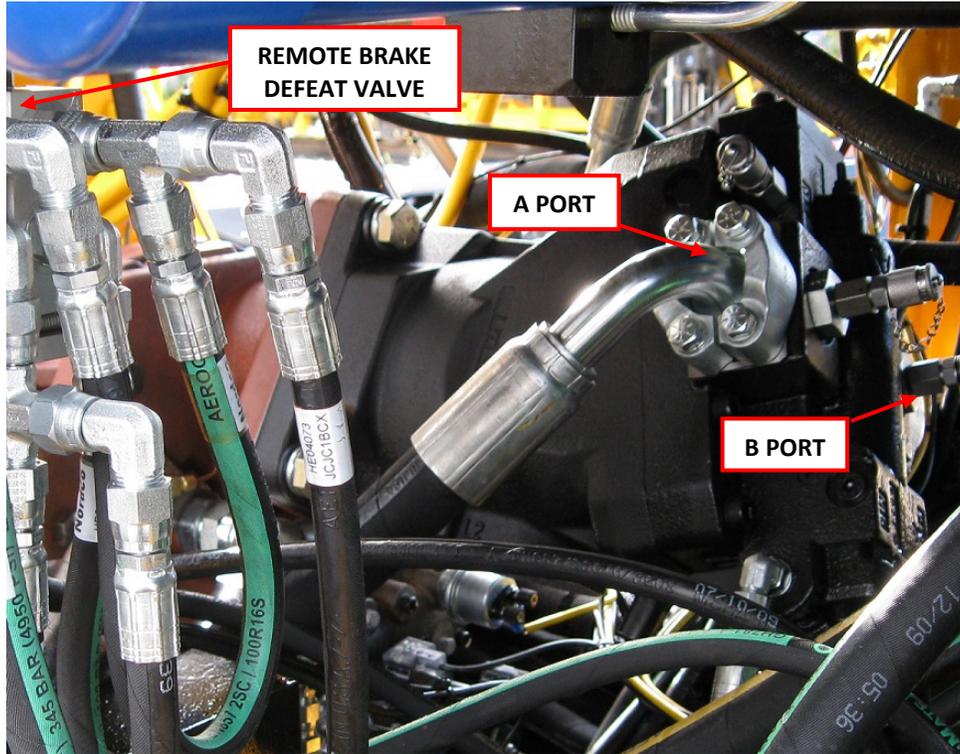
SUMMARY: The Danfoss Series 51 track drive motor has been discontinued. Any parts orders for the Danfoss Series 51 will be filled with Danfoss H1 upgrade kit **98800057**. Once the machine is upgraded the H1, the motor can be purchased separately in the future using P/N 50230104.

OPERATIONAL IMPACT: The 51 and H1 series motors are interchangeable except the Brake Defeat is now located directly on the motor so valve cabling and EDC wiring has changed. The pump to motor hose lengths have also changed because the H1 Series is a reverse rotation which reciprocates the A & B ports from the 51 Series.

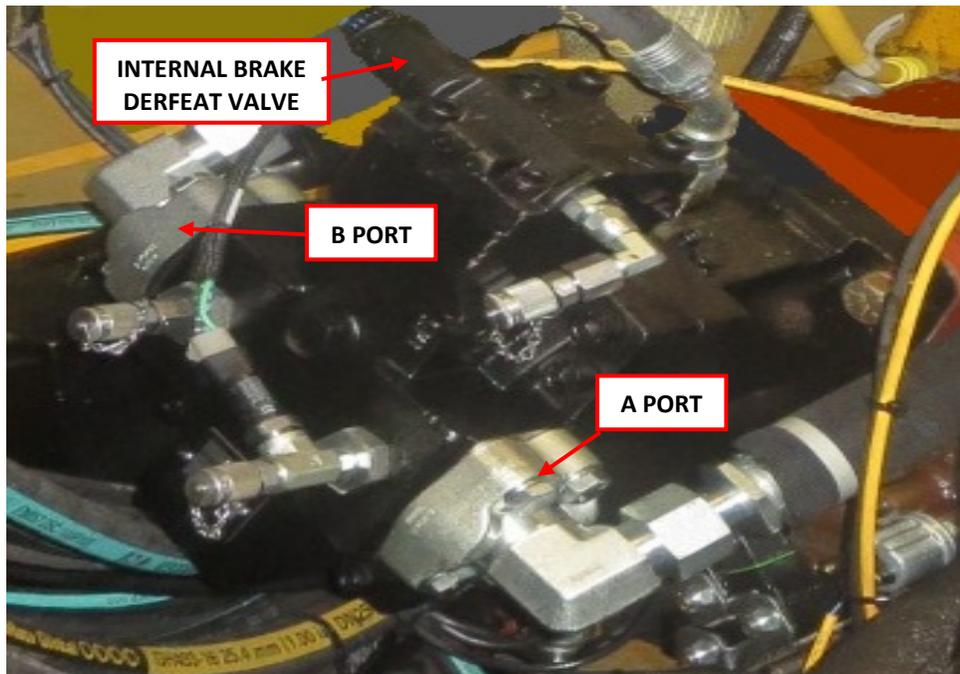
ACTION: When replacing the 51 Series with the H1 Series for the first time, **Kit P/N 98800057** should be ordered. The kit includes all necessary hoses, fittings and cable for the install. The A & B hoses going from the Traction Pump to the Motor are replaced with longer hoses to accommodate for the A & B ports being swapped. The case drain hose does not change. The existing Brake Defeat valve can be capped off or removed for a cleaner install. The existing Brake Defeat cable is replaced with a new cable that uses a Duetsch connector and is run directly to the valve on the motor. The #308 wire on the EDC will need to be relocated from the NC terminal on LS4 to the NC terminal of LS5.

WARRANTY: **None.**





Series 51 Traction Motor (left hand view)



Series H1 Traction Motor (right hand view)

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