SERVICE BULLETIN

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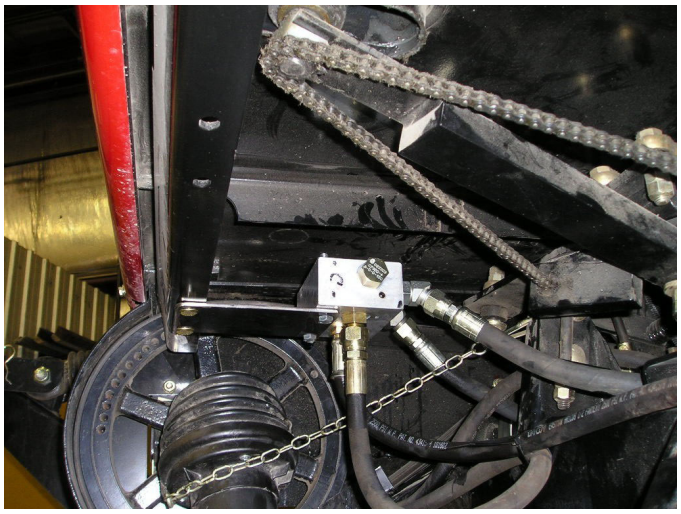
SUBJECT	Reel Stalling/Surging or Squealing and/or Drapers Stalling	**BULLETIN NUMBER**	0401
MODEL	9250/ 9350/ 9352/ 9352i MacDon & Westward 2940/ 2950/ 2952/ 2952i Premier, 4940 /4950 /4952 /4952i Prairie Star 8140/ 8150/ 8152/8152i Harvest Pro	**Page 1 of 3 ISSUED**	Jan 2004
SER #	2002 to 2003 Model Years	**SUPERSCEDES:**	0254, 0255, 0301

SYMPTOM: **1.** Reel and/or Draper hydraulic circuit stalls, surges, and/or squeals.

PROBLEM: **1.** Flow controls (MacDon part number 49725) have been shown to cause all of the above symptoms. High pressure differentials between the reel and draper circuit cause the flow control cartridges to become unstable. This may set up a squealing effect in the reel or draper circuit.

SOLUTION: **NOTE:** 1" and 1 1/16" crow foot wrench will be required depending on whether 2002 or 2003 machine.

1. Install MacDon kit part number **111607**, as per the instructions below.



LOCATION OF NEW MD KIT #111607

WARRANTY: Claim through normal warranty channels, referencing SB 0401.

Fix as fail **2002** to **2003** model year windrower tractors, parts, labor.

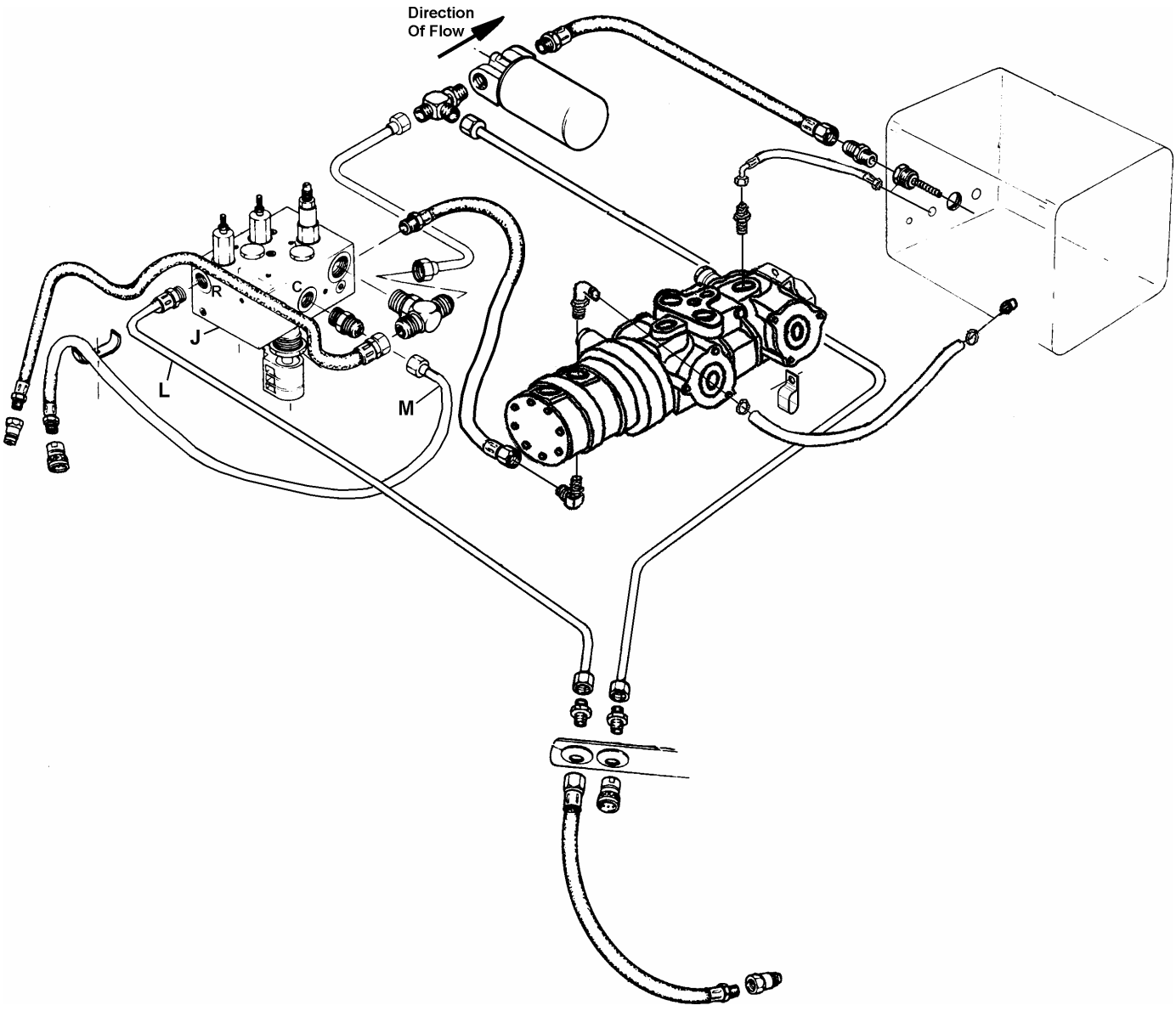
Labor allowed…….2 hours, includes hydraulic testing as per bulletin.
Parts……..Covered.
Expires……..……December 2004.

For **2000** to **2001** model year windrower tractors, units based on fix as fail policy, parts only covered.

MODEL 9250, 9350 & 9352 WINDROWER TRACTOR
REEL/CONVEYOR HYDRAULIC BLOCK RE-WORK
INSTALLATION INSTRUCTIONS

1.) Detach existing hose (L) from port 'R' of existing header drive valve block (J). Detach existing hose (M) from port 'C' of existing header drive valve block (J).

NOTE: Leave other ends of hoses in place. These hoses will be reattached at new locations.



THIS BULLETIN IS FOR TECHNICAL INFO ONLY AND IS NOT AUTHORIZATION FOR REPAIRS UNDER WARRANTY.

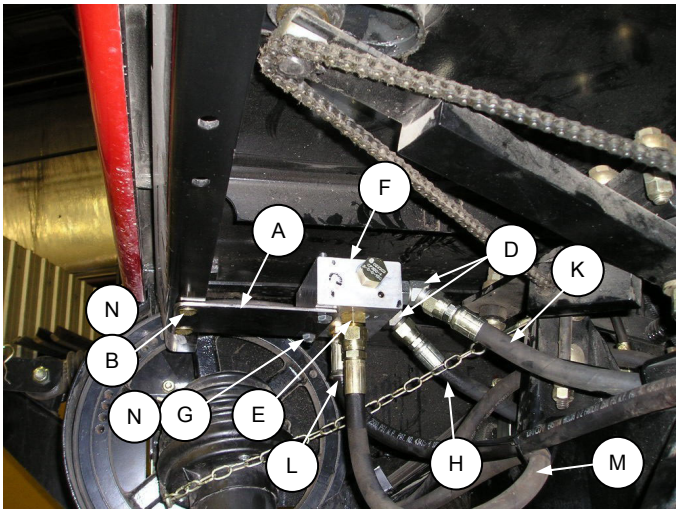
2.) Install plate (A) using two 3/8 NC x 1 inch carriage head bolts (B) and locknuts (N) supplied in kit to the front cab cross member.

3.) Install two 45° elbow fittings (D) and one straight fitting (E) (fittings supplied in kit) into new valve block (F).

4.) Attach new valve block (F) to plate (A) using two 3/8 NC x 2-3/4 inch hex head bolts (G) and lock nuts (N) supplied in kit.

5.) Attach new hose (H – 255mm long) from port 'R' on new valve block (F) to port 'R' of existing header drive valve block (J).
NOTE: See illustration below for port locations.

6.) Attach new hose (K – 490 mm long) from port 'C' on new valve block (F) to port 'C' of existing header drive valve block (J).
NOTE: See illustration below for port locations.



LOCATION OF NEW VALVE BLOCK
EXISTING VALVE BLOCK (J) LOCATED AT END OF HOSE (H)

7.) Attach hose (L) removed in step 1 to port 'R' (output) of new valve.

8.) Attach hose (M) removed in step 1 to straight fitting (E) installed in step 3.

9.) After the kit has been installed it is important to recheck the operation of the reel & draper circuits. You will want to check the minimum and maximum flows of each circuit as well as checking to see if the either of the flows drop by more than 1 Gal/min as you increase the operating pressure from 700psi to 1700psi (as per SB0301). When performing this test, we recommended checking the relief pressure of the flow control valve block as well. This will ensure optimal performance.

