

SERVICE BULLETIN

PLAINTIFF'S EXHIBIT

MAC-67

FEBRUARY 9, 1976

No. Q83 under BRAKES

FOR BRANCHES, DISTRIBUTORS AND CUSTOMERS.

CHASSIS AFFECTED ALLENTOWN ☒ HAYWARD ☒ OAKVILLE ☒

SPRING BRAKE VALVE (All with MVSS121 Brake Systems)

PURPOSE To recommend that operation of subject valve be checked periodically.

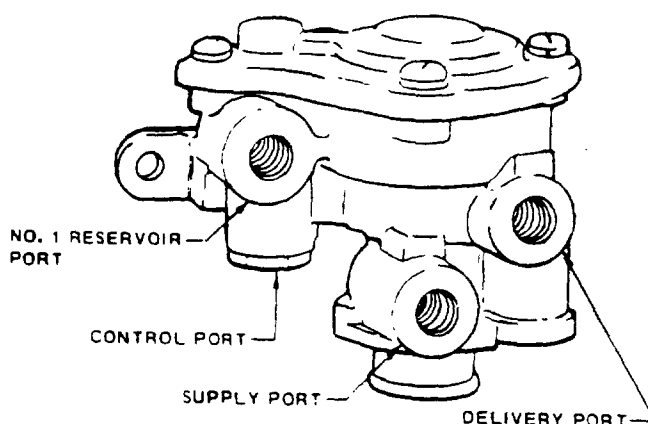
RECOMMENDATION Check performance of the spring brake valve regularly, following the procedure and schedule given in bulletin.

INFORMATION The spring brake (SR-1) valve supplies a specific, limited hold-off pressure to the spring brakes and, in the event air is lost in the primary brake system, it modulates the spring brakes through the treadle valve. In normal operation, internal parts of the valve undergo little or no movement and as a result could corrode and become inoperative over a period of time.

To insure that the SR-1 valve will function in an emergency, it's operation should be checked every 24,000 miles or at 3 months maximum. In addition to verifying correct valve operation, the checking procedure "exercises" the valve and helps to maintain it in good operating condition.

The SR-1 valve (20QE3110R) is located as follows:

F and MB - under cab on right hand frame rail.
R, RD, FM, DM, DMM and U - on crossmember just behind cab.
RL and RS - front of cowl, ahead of air vent
WL and WS - under left hand splash shield, back of head light.



SR-1 SPRING BRAKE VALVE

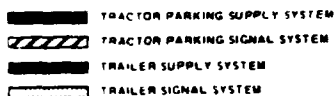
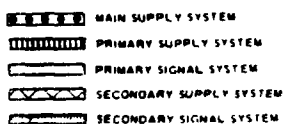
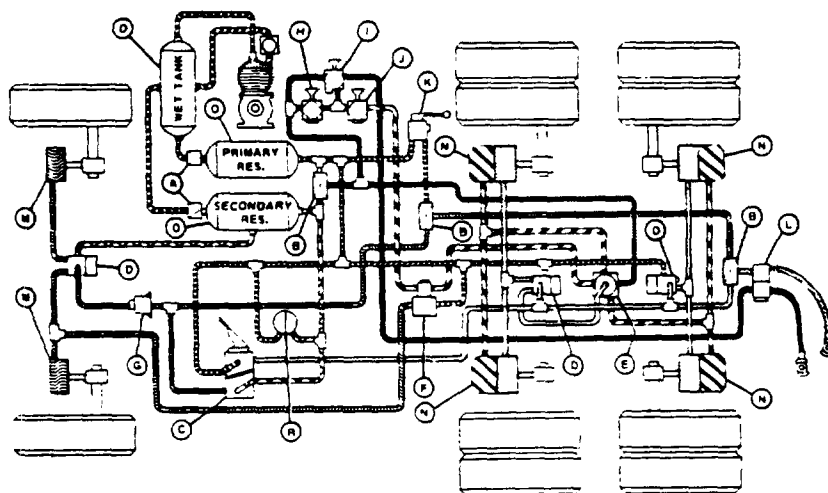
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CIRCULATION

Service Manager	
Shop Foreman	
Night Foreman	
Night Foreman	
Inspector Leadman	
Inspector Leadman	
Inspector Leadman	
Unit Overhaul Room	
Shop Office	

Procedure:

1. Make a standard brake application and note if all brakes are operating.
2. Chock wheels.
3. Release spring brakes.
4. Drain primary reservoir.
5. Have helper observe rear brakes for proper application while making four partial and four full applications of treadle valve.
6. If the rear brakes do not apply, remove the SR-1 valve. check it for serviceability and replace if necessary.



NORMAL AIR BRAKE SYSTEM

COMPONENTS		
ITEM	NO.	DESCRIPTION
A	2	ONE WAY CHECK VALVE
B	3	DOUBLE CHECK VALVE
C	1	TREADLE VALVE
D	3	ANTI-WHEEL LOCK MODULATOR VALVE
E	1	RELAY VALVE
F	1	SPRING BRAKE CONTROL VALVE
G	1	RATIO VALVE
H	1	PARKING CONTROL VALVE
I	1	TRAILER SUPPLY VALVE
J	1	TRACTOR PARK CONTROL VALVE
K	1	TRAILER CONTROL VALVE
L	1	TRACTOR PROTECTION VALVE
M	2	BRAKE CHAMBER-SERVICE-CAM TYPE
N	4	BRAKE CHAMBER-SER. SPRING-CAM TYPE
O	3	PRESSURE RESERVOIR
R	1	DUAL AIR PRESSURE GAGE

