SERVICE BULLETIN

APRIL 30, 1976 **No.** Q85 **under** BRAKES

PLAINTIFF'S EXHIBIT
MAC-69

FOR BRANCHES, DISTRIBUTORS AND CUSTOMERS.

CHASSIS AFFECTED ALLENTOWN ☑ HAYWARD ☐ OAKVILLE ☑

RELAY VALVE RELOCATION
(Models R, RD, RM, DM and DMM with SW681 Series Bogies)

PURPOSE To eliminate an interference condition.

RECOMMENDATION Follow instructions contained herein when interference exists between the relay valve and the forward axle carrier.

INFORMATION During extreme articulation an interference condition may exist between the spring brake relay valve and the bogie forward axle carrier housing cover.

To correct interference, the spring brake relay valve must be moved forward on the frame sidemember.

1. Drain air tanks and disconnect all air connections to the spring brake relay valve except the "Balance" line connection.

2. Move relay valve six inches forward on the frame sidemember. Use relay valve as template and drill two 0.406 inch diameter mounting holes. Secure the relay valve in new location.

3. Shorten the "Reservoir Double Check Valve to Relay Valve Supply Line" six inches. Use a new 1/2 inch diameter compression sleeve (ferrule), 52AX50017, and secure the line to the relay valve.

4. Shorten the "Spring Brake Control Valve Delivery to Relay Valve Line" six inches. Use a new 3/8 inch diameter compression sleeve (ferrule), 52AX50016, and secure the line to the relay valve.

5. Remove the "Relay Valve Delivery to Rear Axle Line" and replace with new air line tubing, 101AX126RF50, six inches longer. Do not splice old tubing. Salvage connectors from replaced line and use two new 1/2 inch diameter compression sleeves (ferrules), 52AX50017, and install new line.

6. Test for air leaks and valve operation and return to service.

CIRCULATION

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

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