

TECHNICAL NOTE

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Bureau of Land Management U.S. DEPARTMENT OF THE INTERIOR

PARKING BRAKE INADEQUACIES ON IHC 4x4's

Some of the International Harvester 4x4 trucks have been experiencing problems with the effectiveness of the vehicle parking brake. The Wallowa-Whitman National Forest has been working with International Harvester and are now using a special parking brake which is operating satisfactorily. If you are experiencing parking brake difficulties which are posing a safety problem, you may wish to consider this modification.

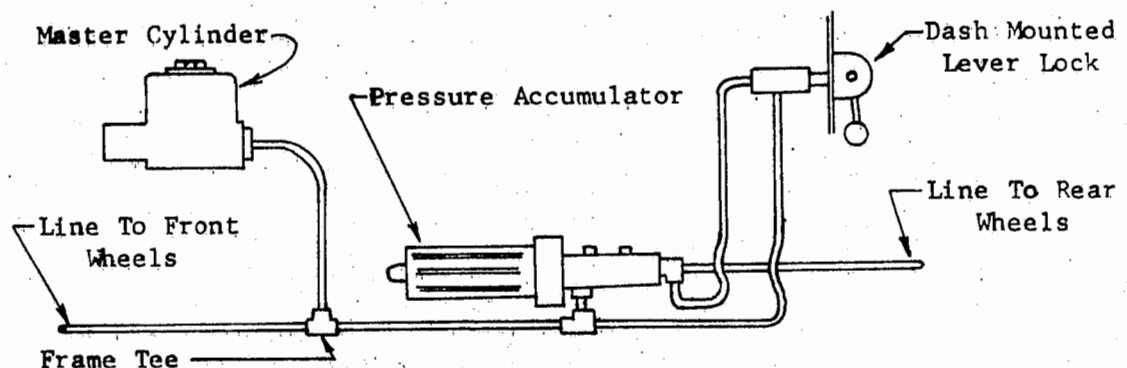
A pressure-accumulator is installed in series with the vehicle's service brake system. A dash mounted activation lever is piped through the accumulator. The parking brake utilizes the vehicle's rear wheel service brake. (See schematic).

To activate the parking brake:

1. Position the dash mounted lever to the "ON" position.
2. Depress the service brake pedal with sufficient force to hold the vehicle in a stationary position.
3. Release the foot pedal, and the parking brake is fully activated.

To release the parking brake:

1. Position the dash mounted in the "OFF" position.
2. Depress the service brake pedal (brake lock automatically releases when the line pressure is equalized on both sides of the accumulator).



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The initial cost and time for installation required for this conversion is:

ASSEMBLY UNIT

1 IHC Part No. 995919 R92 \$46.89
(Includes Accumulator)

2 Additional Fitting for 3/16" \$1.96
brake line on IHC vehicle.

3 Optional Item \$1.30
Dash mounted (red) Indicator
Light in conjunction with
Brake Lock Switch (ECHLIN)
No. DL-6192

TOTAL PARTS COST \$50.15

Installation time 2 hours