



FIGURE 4  
110800

THE 5646 CHECK VALVE MARKED (A) IN THE PRESSURE PROTECTION PREVENTS RESERVOIR AIR FROM BACK FLOWING AND THE 5646 CHECK VALVE MARKED (B) PREVENTS AIR PRESSURE IN SPRING BRAKE FROM BACK FLOWING. IF THE SUPPLY PRESSURE IS REDUCED TO APPROXIMATELY 45 P. S. I. AND IF THE SUPPLY PRESSURE WOULD CONTINUE TO LEAK DOWN SLOWLY, THE 7113 PISTON WILL MAINTAIN APPROXIMATELY A 2.5 TO 1 RATIO OF SPRING BRAKE AIR PRESSURE TO SUPPLY AIR PRESSURE. HOWEVER, IF THE SUPPLY PRESSURE IS REDUCED RAPIDLY, THE 110800 VALVE WILL EXHAUST THE AIR IN THE SPRING BRAKES RAPIDLY.

WITH A SERVICE RESERVOIR FAILURE THE PRESSURE PROTECTION WILL CLOSE AND WILL RETAIN 70 P. S. I. OR ABOVE IN THE SUPPLY LINE, THEREBY PREVENTING APPLICATION OF THE SPRING BRAKES.

VALVE SHOWN IN PARKING POSITION