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Basic Air Brake System Bill of Material

(Without ABS/ATC)

- 1 sectioned air compressor with operable unloaders (compressor is sectioned and non-functional)
- Bendix AD-IP air dryer
- 2 steer axle type-24 brake chambers
- 1 steer axle quick release valve
- 1 E-6 brake valve
- 1 MV-3 park control valve assembly
- 1 simulated dash panel (1 warning light and 1 ignition switch)
- 1 trailer control valve
- 1 supply reservoir
- 1 rear service reservoir
- 1 front service reservoir
- 1 trailer reservoir
- 1 Bendix TP-5 tractor protection valve
- 1 SR-1 spring brake valve
- 1 Bendix R-7 relay valve
- 4 spring brake chambers (8 on a five axle)
- 6 automatic slack adjusters (10 on a five axle)
- 1 Bendix R-12 relay valve
- 4 tail lights
- 1 low pressure warning light
- 1 low pressure warning buzzer
- 18 reference air gauges (25 on a five axle)
- All necessary brackets and fittings to complete the system

General Information

Before Starting:

Make sure all electrical connections on the back of the display are properly connected and all switches are turned to the OFF position. Connect the matching color codes air lines on the front of the trainer. Connect the air supply to the rear of the trainer and plug in the 110 VAC power supply cord. Make sure the ignition switch is in the OFF position and then turn on the power supply.

Note: At times you may want to operate the trainer without the buzzer sounding. If you turn on the ignition key to the right "ON POSITION" the buzzer will be ON. Turning the key to the left "ACCESSORY POSITION" eliminated the buzzer only operation.

You are now ready to drive the vehicle

- Turn the ignition switch to the ON position. The low pressure warning light and buzzer will come on
- Turn the air supply valve handle at the top of the compressor to the OPEN position. Air will begin to charge the system. When the pressure reaches approximately 60psi in all reservoirs the light and buzzer will go off
- Push in the yellow button to release the tractor park brakes, then red button to release the trailer park brakes

For additional technical data on Bendix systems and valves, please visit www.bendix.com . All system and technical data can be found there

