Truck Troubleshooting Guide

MERITOR WABCO

COLOR KEY
- SUPPLY
- SECONDARY
- PRIMARY
- PARK/EMERGENCY
- INSET (A) OPTION
- INVERSION VALVE AND QUICK RELEASE VALVE
- PRIOR TO MARCH 1, 1998 FMVSS-121 REGULATIONS
- (INCLUDES ANTI-COMPONDING)

SUPPLY (WET TANK)

SECONDARY

PRIMARY

SECONDARY CONTROL

FROM PARK VALVE

TO SERVICE RELAY

PRIMAR TANK

INSET (A)

ISSUED 10/99 TP-9974
## Truck Troubleshooting Guide

### Condition/Remedy

#### 1. Compressor
- **Problem:** Compressor faults
- **Remedy:** Check compressor for proper operation. Replace if necessary.

#### 2. Supply, Primary, and Secondary Air Tanks
- **Problem:** Tank faults
- **Remedy:** Replace if necessary.

#### 3. Low Pressure Indicator Switch
- **Problem:** Switch faults
- **Remedy:** Replace if necessary.

#### 4. Safety Valve
- **Problem:** Valve faults
- **Remedy:** Repair or replace.

#### 5. Drain Valves - Automatic
- **Problem:** Valve faults
- **Remedy:** Repair or replace.

#### 6. Governor
- **Problem:** Governor faults
- **Remedy:** Check governor for proper operation. Replace if necessary.

### Condition/Remedy

#### 7. Single Check Valve
- **Problem:** Check valve faults
- **Remedy:** Replace check valve if necessary.

#### 8. Pressure Control Check Valve
- **Problem:** Control valve faults
- **Remedy:** Replace if necessary.

#### 9. Air Gauge
- **Problem:** Gauge faults
- **Remedy:** Check and replace as necessary.

#### 10. Dual System Foot Brake Valve
- **Problem:** Valve faults
- **Remedy:** Repair or replace.

#### 11. Quick Release Valve
- **Problem:** Valve faults
- **Remedy:** Repair or replace.

#### 12. Service Brake Chamber
- **Problem:** Chamber faults
- **Remedy:** Repair or replace.

#### 13. Slack Adjuster
- **Problem:** Adjuster faults
- **Remedy:** Repair or replace.

#### 14. Relay Valve
- **Problem:** Valve faults
- **Remedy:** Repair or replace.

### Condition/Remedy

#### 15. Spring Parking Brake (Service Only Service Chamber Side of Spring Brake)
- **Problem:** Parking brake faults
- **Remedy:** Replace parking brake if necessary.

#### 16. Quick Release and Double Check Valve Combination
- **Problem:** Combination faults
- **Remedy:** Repair or replace.

#### 17. Stop Light Switch
- **Problem:** Switch faults
- **Remedy:** Replace.

#### 18. Inversion Relay Valve with the Loss of Rear Service Brakes, Application of Spring Brake by Using the Emergency Section Should Be Available Along With Front Service Brake by Applying Foot Valve
- **Problem:** Valve faults
- **Remedy:** Repair or replace.

#### 19. Air Dryer
- **Problem:** Dryer faults
- **Remedy:** Repair or replace.

### Condition/Remedy

#### 20. ABS Electronic Control Unit, Modular Valves, Sensors, and Tooth Rings
- **Problem:** Control unit faults
- **Remedy:** Replace control unit if necessary.

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