



## Driver Bulletin - DB-133 *Doran PRESSUREPRO Tire Monitor*

Coaches: 7272~7281

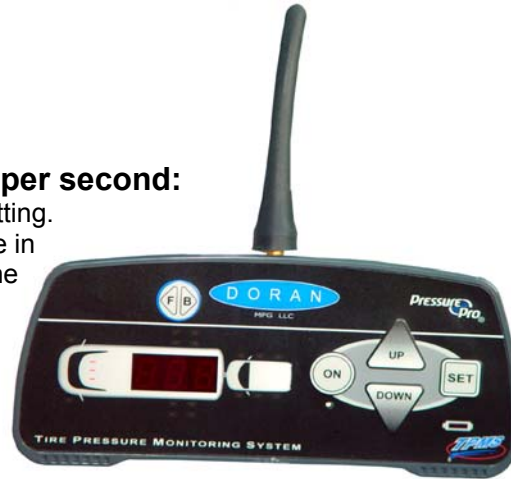
Date: 9-16-04

Reference Maintenance Test: 0172

### **Warning Instructions**

#### **Tire Indicator Flashes and Beeps one(1) time per second:**

- ' Pressure is at least 12% below original setting.
- ' Pull the coach over and check air pressure in the tire indicated by the flashing LED on the display monitor.
- ' Press the "ON" button to set in reminder mode.



#### **Tire Flashes & Beeps two(1) times per second:**

- ' Pressure is at least 25% below original setting.
- ' Pull the coach and check air pressure in the tire indicated by the flashing LED on the display monitor.
- ' Press the "ON" button to set in reminder mode.

#### **Low Battery Sensor Alert:**

- ' Tire indicator and Red LED in lower right corner of display will illuminate.
- ' Display monitor will "Beep" once per second indicating a sensor needs to be replaced.
- ' Press the "ON" button to place the unit in reminder mode.
- ' Have the sensor inspected/replaced at a maintenance center.

#### **Lost Signal Alert:**

- ' A steady illuminated tire position indicator will display on the monitor when a signal is dropped.
- ' This could happen just as a cellular phone does in certain areas.
- ' LED's should go out shortly.
- ' If the alert persists, check the indicated tire location for a missing pressure sensor.

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Unit will "beep" every 15 minutes when placed in "Reminder Mode". This can be turned OFF by unplugging the power cable from the side of the display monitor. Alerts should be checked out with the monitor powered back up before you continue with your schedule.

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# On Coach Tire Fill System

## Instructions for using the On Coach tire filling system

Should the **Doran PressurePro** monitor indicate a low tire, follow these instructions to add air to the affected tire(s).

**NOTE - On coach tires requiring 120PSI (G4500 & 102D Series front tires only), you will not be able to fill those tire's to the proper inflation pressure of 120PSI due to the air system cut-out pressure of 120 PSI. You can however, fill the tire pressure between 115 to 118 PSI (maximum). The coach can be safely operated at this tire pressure until it can be inspected.**

- 1) Engine must be running and on fast idle, transmission in neutral(N) and parking brakes applied.
- 2) Open the number 1 & 6 baggage bin doors.
  - You may have to move freight or luggage out of the way to access the coil air hose.
- 2) Turn the ball valve handle to the OPEN position.
- 4) Extend the air hose to the low tire.
- 5) Unscrew the RF (Radio Frequency) tire pressure sensor.
- 6) Connect the air chuck on the coil hose to the tire valve and begin filling the tire.
  - Depending on how low the tire pressure is, it could take 20 minutes (or more) to fill the tire back to the proper level. This is due to the small air compressor on the coach.
- 7) If you do not have access to a tire pressure gauge, follow the steps below to use the **PressurePro** system to check the affected tire pressure.
  - a. Stop inflating the tire after 10 minutes.
  - b. Re-install the RF tire pressure sensor onto the tire valve.
  - c. At the Monitor, press the UP or DOWN arrow key to select a tire to display. It may take a few seconds to display a tire pressure reading.
  - d. If the affected tire is within 5 PSI (+/-) of its proper inflation pressure (see table below) then you can turn the ball valve to the CLOSED position and place the air hose back inside the baggage bin.
    - The display monitor should also stop "beeping" and indicating a low tire (LED).
  - e. If the tire pressure is NOT within 5 PSI (+/-) of the proper inflation pressure (see table below) repeat Steps 5 through 7.
    - The display monitor may continue "beeping" and flashing a Red LED for the affected low tire.



**NOTE - It may be necessary to move the coach so the tires rotate several revolutions (low speed is fine) in order for the RF sensors to send a "fresh" signal to the display monitor. Use safe driving skills if you must move the coach to read new tire pressures.**

- 8) Close all baggage bin doors before continuing on your schedule. Record the defect in the M-7 book so maintenance can inspect the tire.

**Table -1: Cold Tire Pressure Inflation Chart**

Axle Location	G4500	G4100	102D3 & 102DL3	MC-12	102A3
Front	120 psi	105 psi	120 psi	110 psi	110 psi
Drive	105 psi	105 psi	105 psi	105 psi	105 psi
Tag	95 psi	90 psi	95 psi	90 psi	90 psi