

NABI Service Bulletin No: 13-02-01

To: Bus Operations Managers and Supervisors
 Bus Maintenance Managers and Supervisors
 Bus Maintenance Personnel

From: Dan Allen – Chief Engineer

Subject: Instrument Panel – Red BRAKE Indicator Light

Date Issued: March 12, 2013

The purpose of this bulletin is to describe the function of the Red BRAKE Indicator Light on the instrument panel and differentiate between a normal operation and an abnormal condition. The Red Brake Indicator Light on the instrument panel is shown in Figure 1.

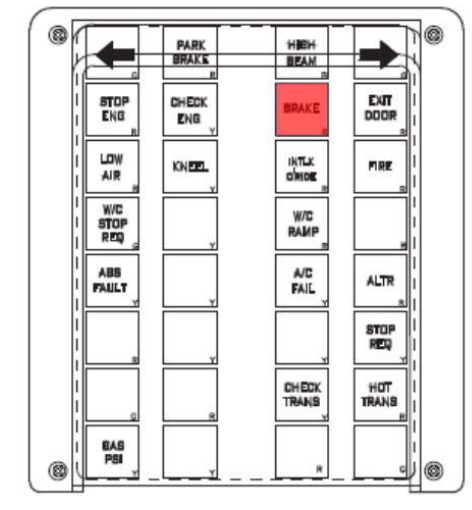


FIGURE 1 – Instrument Panel Indicator Light (BRAKE)

Normal Operations of an Illuminated Red BRAKE Indicator Light

The Red BRAKE Indicator Light will illuminate normally to confirm the expected service brake application under these conditions:

1. The operator depressed the brake pedal to apply the service brakes
2. The exit door is open (brake interlock function)
3. The wheel chair ramp is deployed (brake interlock function)
4. The bus is kneeled (brake interlock function)

The Red BRAKE Indicator Light is actuated by pressure switches for the front and rear air system circuits (activated when the air pressure is 4 psi or greater).

Abnormal Condition of an Illuminated Red BRAKE Indicator Light

An abnormal condition exists if the Red BRAKE Indicator Light illuminates while the vehicle is driven at speed and the operator is not depressing the brake pedal to apply the brakes.

If this condition exists, there may be a serious problem with the operation of the service brakes. Operators should be advised to recognize this abnormal condition. The bus should be stopped as soon as safely possible and the condition should be reported immediately to maintenance personnel.

Failure of the operator to take action may overheat the brake friction materials which can damage the brakes and/or produce excessive heat which could cause a fire.

Additional information regarding the Red BRAKE Indicator Light may be found in the NABI Operator's Manual. For questions regarding this NABI Service Bulletin, or any other service inquiry, please contact:

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Supplemental Information:

To test the RED Brake Indicator Light prior to operating the bus, NABI provides a "Push to Test" diagnostic test switch. This Diagnostic Test Switch is a momentary on switch that is used to test the instrument panel indicator lights and audible alarms. Any indicators that fail to illuminate with switch held in the "on" position should be noted and reported to maintenance personnel.

