



Fuel Cell Bus Quick-Reference Guide

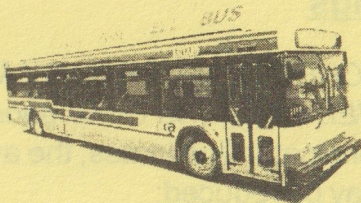
Includes:

Start-Up Procedure


Warnings

Alarms


Normal Shutdown



Startup Procedure

1. Apply parking brake.
2. While pressing on service brake pedal, place shift selector in neutral.
3. Turn master control switch to *DAY RUN* or *NIGHT RUN*. After 5 seconds, instrument panel indicators, alarm buzzer and fire chime go on for about 1 second.
4. Momentarily press start button. The engine takes about 20 seconds to start during which time the  (No Generation) indicator flashes; when indicator stops flashing, bus is operational.

Warnings

When a *CHECK ENGINE*, *LOW AIR*, *LOW FUEL* or  (*No Generation*) warning indicator illuminates, the available power may be reduced:

1. Pull over to a safe location.
2. Apply parking brake.
3. While pressing on service brake pedal, place shift selector in neutral.
4. Wait 10 seconds to see if warning clears.
 - If warning clears, resume driving.
 - If warning does **not** clear, turn master control switch to STOP ENGINE.
5. Call controller.

Alarms

When a *STOP ENGINE*, *GAS LEAK* or *FIRE* alarm indicator illuminates, the available power is reduced and the bus either shuts down immediately or after 15 seconds:

1. Immediately pull over to a safe location. If the bus has not shut down immediately and it is unsafe for the bus to shut down at its present location (such as at a grade crossing), use the *STOP ENGINE OVERRIDE* switch to delay bus shutdown for 30 seconds. For a *FIRE* alarm, the switch can only be used **once**. For other alarms, the switch may be used repeatedly and the 30-second delay resets on activation. The *STOP ENGINE OVERRIDE* switch **cannot** be used to re-start a bus.
2. Apply parking brake.
3. While pressing on service brake pedal, place shift selector in neutral, then turn 4-way hazard switch on.
4. Turn master control switch to *STOP ENGINE*.
For *FIRE* alarm, fire retardants discharge 5 seconds after bus shuts down. Expect a high noise level if this

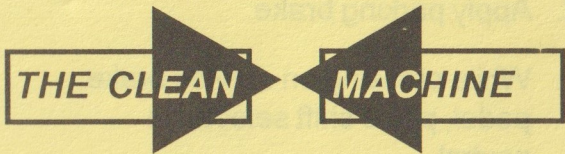
occurs. Avoid breathing fire retardant dust. Fire retardants do **not** discharge into the bus interior. For **any** alarm, alarm buzzer continues to sound for 5 minutes after the bus shuts down.

5. Evacuate passengers; do not allow them to reboard bus. Keep bystanders clear of bus and forbid smoking anywhere near the bus.
6. Call controller.

Normal Shutdown

1. Park the bus.
2. While pressing on service brake pedal, place shift selector in neutral and apply parking brake.
3. Turn master control switch to *STOP ENGINE*.

Note: Bus must never be shut down in a freezing location.



Training and Instruction

**Instruction Programs Development and
Administration**

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