

## Folsom 30L4RE-01: Smoke Test



**Prepared by:** Kalman Takacs  
Field Service Engineer  
256-241-1243

**Approved By:** Dan Allen  
Chief Engineer

**Property and Top Bus Number:** Folsom, 146000



**Issue:** Check the rear bulkhead seal.

**Reason/ cause:** The seal between the engine and the passenger compartments should be checked periodically, especially after the rear settee seats were opened or maintenance work was completed on the bulkhead area (where hoses and harnesses pass through).

**Solution:** Perform smoke test per this work instruction (SOI).

Work instruction number: L3/FSV-103  
L4/QUA-003

Revision: Initial

Date: 06/21/2012  
Revision: Initial 1/3

**Folsom 30L4RE-01: Smoke Test**



**Number of affected buses:** 5 buses

**Estimate repair hours/bus:** 15 min

**Necessary parts:**

Smoke bomb, 60 sec,

NABI tool crib #: **1718**,

1 / bus,

**Necessary tools:**

Cigarette lighter

PROPERTY OF:  
  
North American  
Bus Industries, Inc.  
WHEN PRINTED VALID FOR THREE DAYS FROM:  
**10-02-2012**

## Folsom 30L4RE-01: Smoke Test



### **SAFETY PRECAUTIONS MUST BE FOLLOWED ACCORDING TO ACCEPTED INDUSTRY STANDARDS AND LOCAL/PROPERTY REQUIREMENTS.**

1. Park the bus and apply the parking brake.
2. Ensure that the side windows and roof hatch are closed and engine turned off.
3. Open the rear engine compartment.
4. Ignite the smoke bomb and place it into a steel container. Follow instructions written on the smoke bomb.



5. Place the container onto the top of the engine and close the engine door.
6. Go inside the bus and check if smoke enters into the bus.
7. Repeat test written between steps 3-5 with engine is running. **Ensure that the container is secured so it won't fall off or contact with any moving parts.**
8. Repeat test written between steps 3-5 with engine is running and AC is on.
9. Record location of leaks if any.
10. Record bus number, date of inspection and name of technician who completed the work.