



NEW FLYER

SERVICE MANUAL BULLETIN

This Service Manual Bulletin is prepared by the Publications Department of New Flyer Industries Canada ULC. Refer to details below.

SMB-137

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APPLICABILITY					
VEHICLE LENGTH	<input type="checkbox"/> 30ft.	<input type="checkbox"/> 35ft.	<input type="checkbox"/> 40ft.	<input type="checkbox"/> 60ft.	<input checked="" type="checkbox"/> ALL
VEHICLE TYPE	<input type="checkbox"/> High Floor	<input checked="" type="checkbox"/> Low Floor	<input type="checkbox"/> Invero®	<input checked="" type="checkbox"/> Xcelsior®	<input type="checkbox"/> ALL
FUEL TYPE	<input type="checkbox"/> Diesel	<input type="checkbox"/> Electric	<input checked="" type="checkbox"/> CNG	<input type="checkbox"/> LNG	<input type="checkbox"/> ALL
	<input type="checkbox"/> Diesel/Electric	<input type="checkbox"/> Gas/Electric	<input type="checkbox"/> Fuel Cell		
SUBJECT	Fire Suppression & Gas Detection Preventive Maintenance				
SECTION TITLE	PM - PREVENTIVE MAINTENANCE				
DETAILS	<p>This bulletin provides recently revised OEM information and clarifies the maintenance procedures and intervals required for the Fogmaker Fire Suppression System & Gas Detection System installed on your New Flyer vehicle.</p> <p>This information supersedes any prior information on this subject already provided in your New Flyer Service Manuals. Make this Service Bulletin available to service personnel to inform them of changed information.</p>				

1. Daily Preventive Maintenance

1.1. Fire Suppression & Gas Detection System

Confirm proper operation of the Fire Suppression & Gas Detection display panel. Ensure that the green "SYSTEM OK" LED indicators are illuminated for both the fire detection and methane detection systems and that the orange "SERVICE REQUIRED" LED indicators are not illuminated. Test the audible alarm for each system by pressing and holding the appropriate button for four seconds.

2. Weekly Preventive Maintenance

2.1. Fire Suppression & Gas Detection System

Visually inspect the fire suppression and gas detection components, located within the engine, HVAC, and rooftop compartments, for damage. Ensure that all distribution lines, nozzles, gas sensors, detection tubes, and electrical connectors are intact and securely mounted.

3. Six Month Preventive Maintenance

3.1. Fire Suppression System

Inspect the fire suppression system every six months in accordance with Fogmaker control plan for semi-annual service. Refer to Fogmaker North America Service Manual 8011-002 for inspection requirements.

3.2. Gas Detection System

Inspect the gas detection system every six months as follows:



DO NOT expose gas sensors to liquids or chemicals. Harsh chemicals may damage the sensors. When cleaning in the area of the sensors, cover the sensor with a plastic bag and keep the sensor sealed until the compartment has been completely ventilated.

- Examine the sensors for contamination or damage.
- Check that sensor wires are not frayed, pinched, or cut.
- Test the operation of the display panel and gas sensors using Fogmaker test kit #FM-US-400035. Refer to Fogmaker Methane Detector Test Procedure for test instructions.

4. Five Year Preventive Maintenance

4.1. Fire Suppression System

Every five years, drain and refill the fire suppression system extinguisher cylinder. Refer to Fogmaker Manual No. 8015-002 for drain and refill procedure. This manual has been supplied with this bus build. Observe all required cautions and warnings when performing procedure.

5. Ten Year Preventive Maintenance

5.1. Fire Suppression System

Every ten years, send the fire suppression system extinguisher cylinder to Fogmaker North America for cylinder rebuild.