

SB-10055488-7379

MBTA: Sidewall Panel Inspection



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Approved By: Dan Allen
Chief Engineer

Property: MBTA

Top Bus Number: 40-LFW-28, 81000 and 90000

Issue: Corrosion inspection to assess the sidewall structure (underneath the windows).

Reason/ cause: Potentially loose side panel attachment, allowing water ingress.

Solution: Inspect side panels according to this Work Instruction to determine the number of affected buses.

Number of Buses: 299

Estimated Time: 0.25 hours /bus inspection

Necessary Parts: None

Necessary Tools: None

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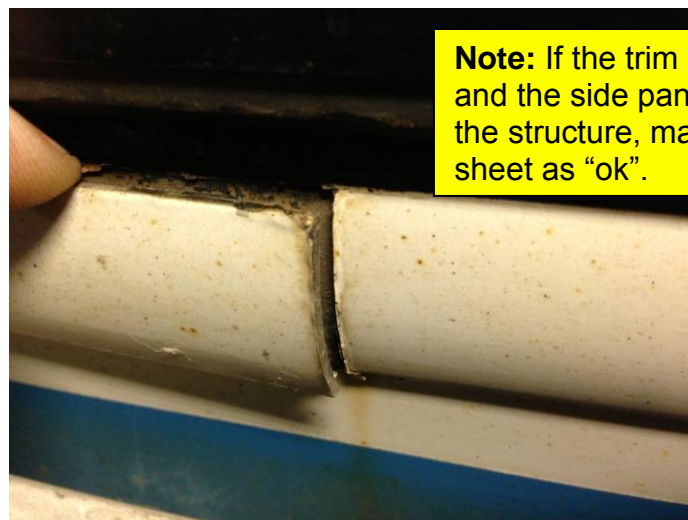


SAFETY PRECAUTIONS MUST BE FOLLOWED ACCORDING TO ACCEPTED INDUSTRY STANDARDS AND LOCAL/PROPERTY REQUIREMENTS.

1. Park the bus on a flat surface and apply the parking brake.
2. Inspect side panels according to the following method:
 - Start from the front of the bus and attempt to pull the top trim piece away. Do not use tools – apply hand force only.



- Check the top trim piece from the front to the rear of the bus and record whether the side panel can be displaced.



Note: If the trim piece is displaced and the side panel remains secured to the structure, mark the inspection sheet as "ok".

- Check the bottom of the side panel in a similar manner and record the findings on the inspection sheet.
- Record the number of loose sections, locations and lengths on the inspection sheet (if any).

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- Inspect the exterior panels on both sides of the bus.
 - Forward Inspection Sheets to Kalman Takacs, NABI Sr. Field Service Engineer.
3. NABI will compile data from all buses and recommend corrective action as appropriate.
 4. Please reference the attached sample Inspection Sheet.

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Bus Inspection Check Sheet

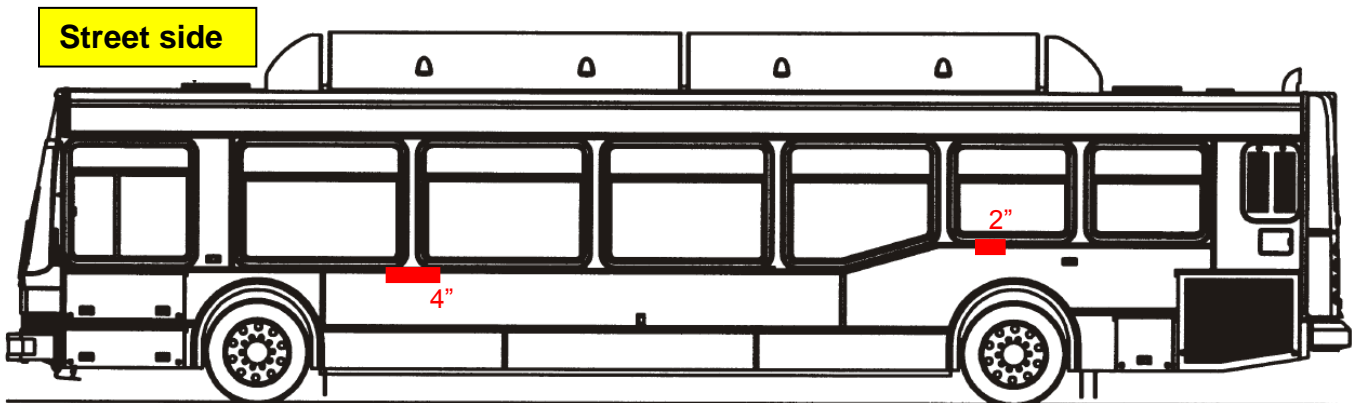
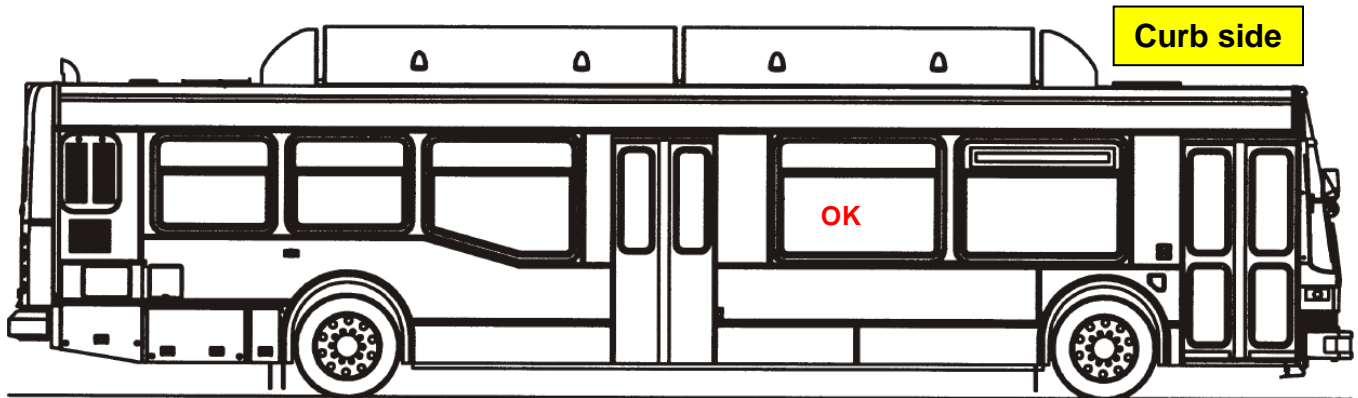
Sample
Example

Bus #: **9999**

Date of Inspection: **02/26/2014**

Result of Inspection (OK or number and length of separation): **Curb side is OK. Street side has two separated sections.**

Note: Mark location and length of loose side panels (if any) on the drawings below. If no side panel separation was found then write "OK".



Notes (Record accident damage, corrosion, missing parts, etc....): **None.**

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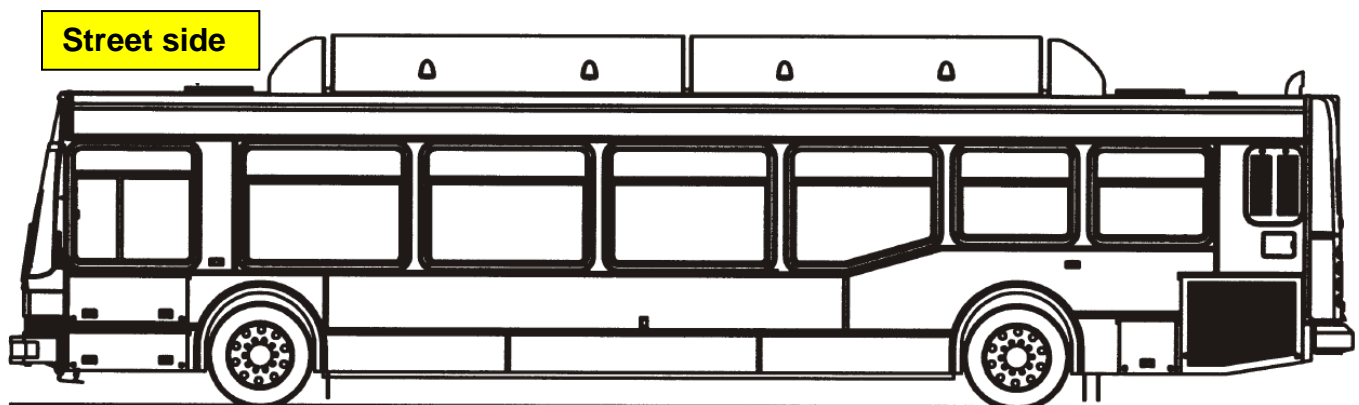
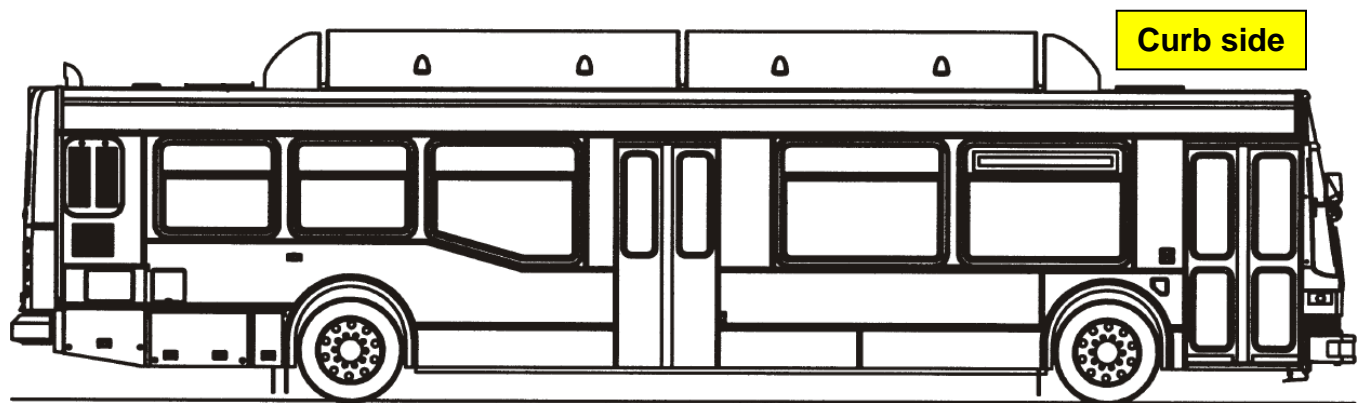
Bus Inspection Check Sheet

Bus #:

Date of Inspection:

Result of Inspection (OK or number and length of separation):

Note: Mark location and length of loose side panels (if any) on the drawings below. If no side panel separation was found then write "OK".



Notes (Record accident damage, corrosion, missing parts, etc.):