

DART Kneel Sensor Removal



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Property name and Top bus number: DART 304500 - 306500

Issue: Kneel sensor is hitting the wheelchair ramp and getting bent.

Reason/ cause: Kneel sensor in hitting the ramp.

Solution: Remove the kneeling sensor and the bracket.



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Number of buses affected: 186

Estimate repair hours/bus: .30 min

Engineering Documentation:

Necessary parts: N/A

Necessary tools: MBC programmer - Philips screwdriver.

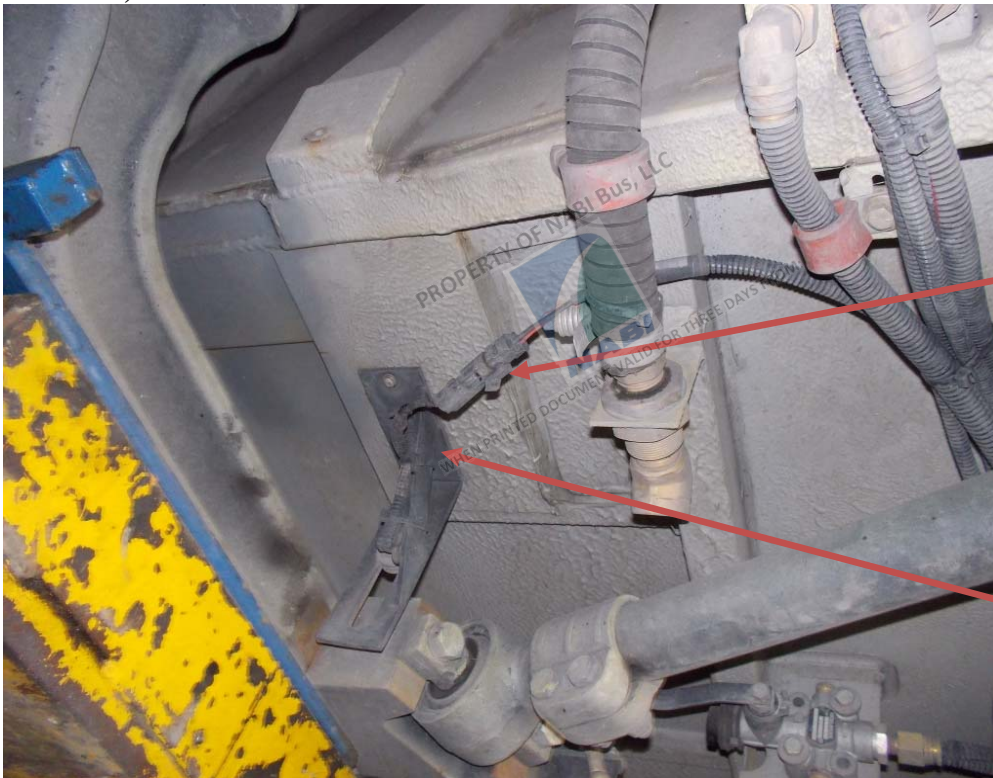
PROPERTY OF NABI Bus, LLC

WHEN PRINTED DOCUMENT VALID FOR THREE DAYS FROM:

DART Kneel Sensor Removal



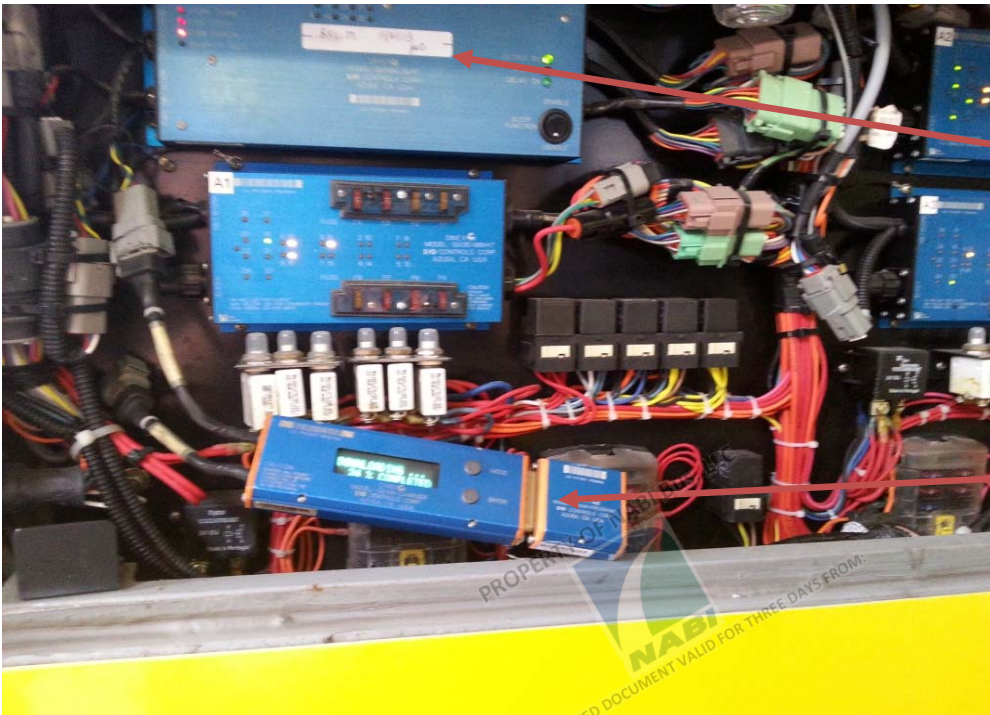
1. Park the bus and apply the parking brake.
2. Turn off main battery disconnect switch(es)
3. Under the center of the bus at the leveling valve. Unplug the 2 pin weather pack connector going to the sensor and plug in the 2 pin connector with the dummy plugs installed. Remove the bracket that holds the sensor to the bus by removing the two screws.
4. Reprogram the bus with the MBC programmer using rev L and add the label the MBC with the rev. level date, and tec. initial.



Connector to be removed and 2 pin dummy plug added

Two screws to be removed and bracket to be removed

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Label to be added

MBC programme

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5. Check for completeness of work.
6. Remove all tools from working area.
7. Turn the main battery disconnect switch(es) on.