

NJT – Air Bag Support Wax Application



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Property and TopBus Number:
NABI 308000, 318000, 318500. Fleet Numbers: 6001 - 6549

Issue: Front axle suspension air bag support corrosion protection.

Reason/ cause: Air bag support not treated with cavity protection during production

Solution: Apply wax to the air bag support cavity & inspect with bore scope per this work instruction

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Number of affected buses: 549

Estimate repair hours/bus: 1 Hour

Necessary parts:

Item	Description	PN	Qty
01	Cavity Protection	10A-8607-001	AR
02	Cavity Plug	4491K13	2
03	Undercoating	NPN	AR
04			

Necessary Tools / Supplies:

Drill with 10mm Drill bit

Cavity Protection Gun

Cavity Protection Wand

Bore scope

Floor Jack or Bottle Jack

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

1. Park the bus on level surface and apply parking brake.
2. Turn the wheels to the left to access the curbside air bag support (see below).



3. Using a floor jack or bottle jack. Place the jack on the curbside jacking pad & raise the vehicle about 4 inches to give enough room to access the wheel well area to perform this retrofit.

4. Drill a 10mm hole at the location shown below (see below).



5. Insert bore scope into cavity thru the hole drilled in step 3. Document corrosion if present both on paper & by photograph using the bore scope. Document any external corrosion on paper only, photographs not required for external corrosion.
NOTE: If NO corrosion present, documenting by photograph using the bore scope is required for future reference if needed.
6. Apply cavity protection to the inside of the air bag support using the 10mm hole drilled in step 3 to insert the application wand.

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7. Inspect using the bore scope to ensure the entire cavity has been coated with cavity protection. If cavity has been completely coated proceed to step 7, if areas of the cavity have not been coated reapply until the entire cavity has been coated.
8. Photograph with a bore scope the coated cavity.
9. Apply undercoating or primer to the drilled hole.
10. Install provided plug to the 10mm hole drilled in step 3.
11. Release the jack.
12. Repeat process for the street side air bag support.
13. Clean up any debris caused by performing this retrofit.
14. Document bus number, date, mileage & forward information to the Regional Manager.