

# **DART: Tube cavity - protection underbody**



Prepared by:

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Property name and Top bus number: DART

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Number of buses affected:	<b>Dart</b>	<b>304000</b>	<b>39001</b>
		<b>304500</b>	<b>39002-39155</b>
		<b>306000</b>	<b>38001</b>
		<b>306500</b>	<b>38002-38030</b>

Estimate repair hours/bus: 3 hrs. per bus

Engineering Documentation: 311-6092-000

## Necessary parts:

10A-8607-001 Corrosion inhibitor, LPS Procyon as needed

Necessary tools: pliers, cordless drill, 10mm drill bit, pump, airline, Corrosion Inhibitor gun, flex hose attachment w/360 spray nozzle, Corrosion Inhibitor hole plugs, gloves

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

1. Park the bus and apply the parking brake.
2. Turn off main battery disconnect switch (es).
3. Put bus in the air using all safety precautions for the shop
4. Put plastic and cardboard down on the floor and tape down.
5. Put on the correct protective equipment. Check to make sure flex hose and wand attachments are clean and free of debris



Clean tip after  
every use

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6. Insert wand into all tube holes underbody (bottom and side), push wand all the way to one end of the tube. Slowly pull back the wand hose while spraying protective coating. Once back to frame plug hole push wand hose all the way in the other direction. Slowly pull wand hose back while spraying.

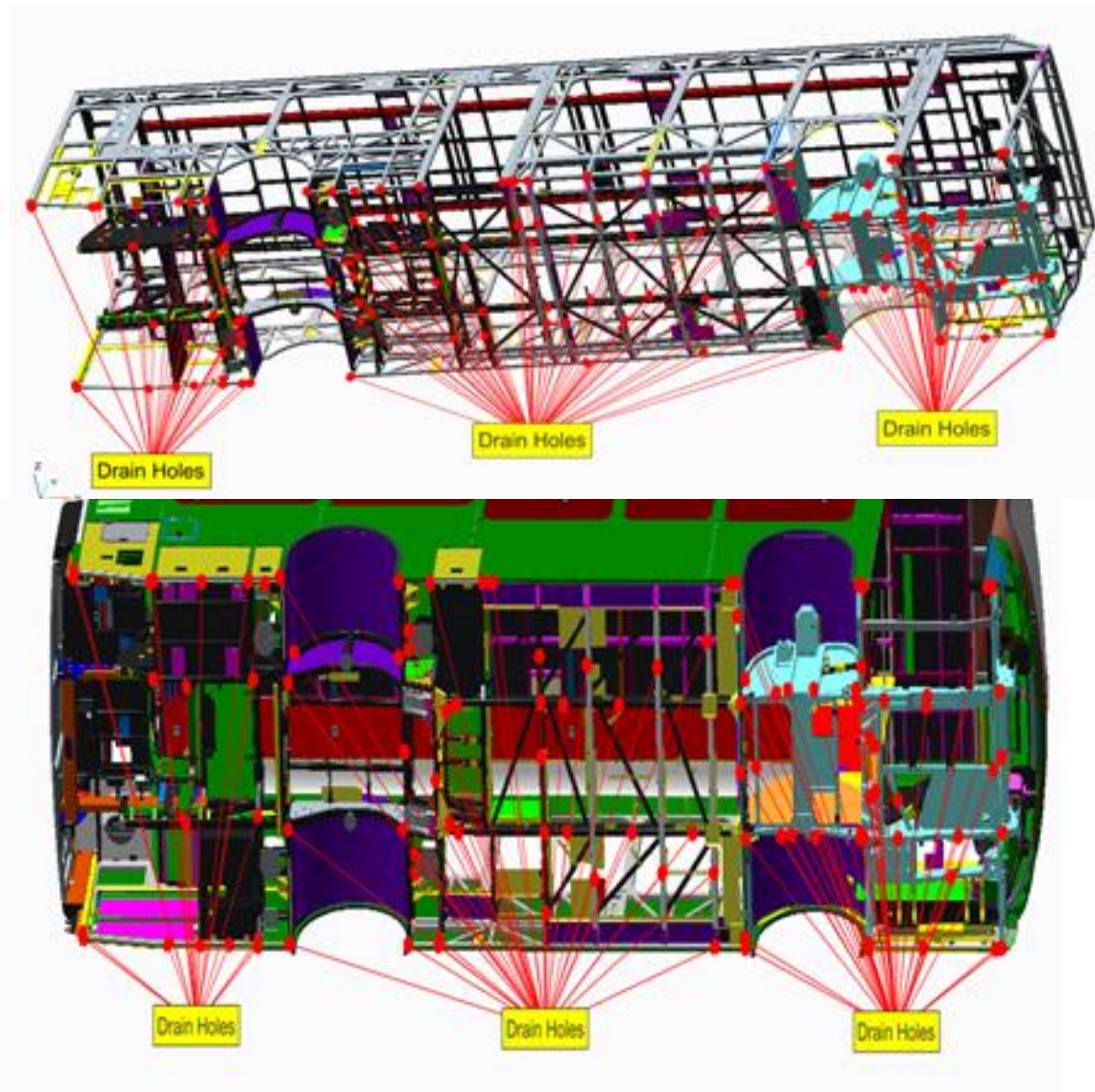


INSERT TUBE INTO  
FRAME HOLE AND  
PUSH AS FAR AS YOU  
CAN .THEN SLOWLY  
PULL BACK WHILE  
SPRAYING TO GET  
MAXIMUM COVERAGE

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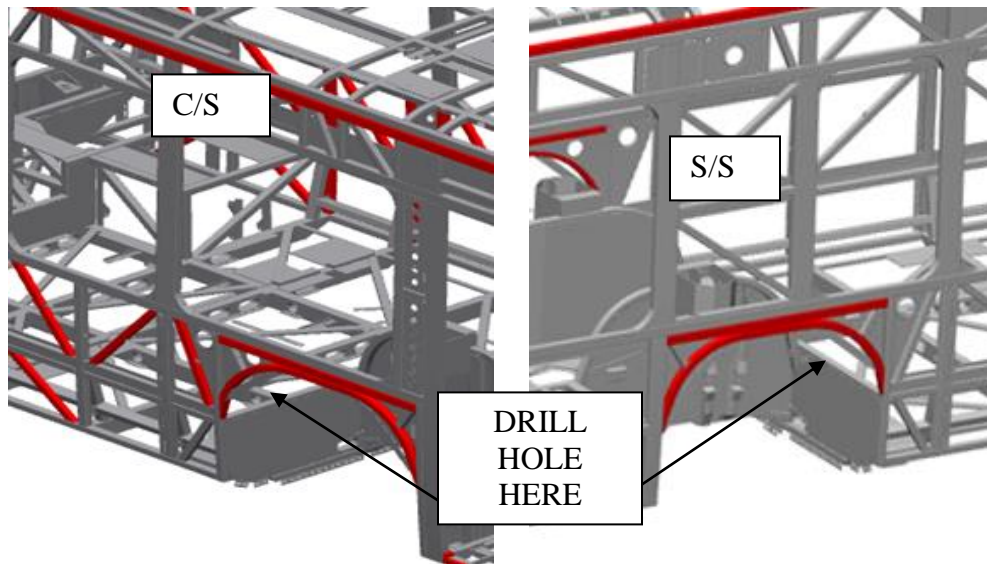
7. Repeat process on every frame plug hole throughout the understructure of the bus.



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8. Drill 10mm hole in the rear of the front c/s and s/s wheelwell as shown. Insert wand into hole drilled and push through tube and slowly pull back while spraying as you go. Primer hole before reinstalling frame plug.



9. Replace plugs on vertical sidewalls of tubes and cleanup work area
10. Check for completeness of work.
11. Remove all tools from working area.
12. Turn the main battery disconnect switch (es) on.