

DART - Add Insuliner to conduit housing CNG line



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Property name and Top bus number: DART 304500 – 306500 – 313000 - 414000

Issue: CNG line may touch the top of the conduit, if not properly formed or adjusted during installation.

Reason/ cause: Improper forming or adjustment of CNG line

Solution: Add Insuliner to top of conduit to prevent possible contact of fuel lines with conduit



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Number of buses affected: 304000,304500,313000,323000

Estimate repair hours/bus: 30 min

Engineering Documentation:

Necessary parts:

Item	Description	PN	Qty
01	Insuliner	525-1584-007	1
02	Adhesive Plexus, A0420, 13 oz.	5016116	as needed
03	Denatured alcohol	10235-01562	as needed
04	Scotch Brite	0281639	as needed
05			
06			
07			
08			
09			
10			

Necessary tools:

10mm wrench and socket

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1. Park the bus and apply the parking brake.
2. Turn off main battery disconnect switch(es)
3. On the c/s rear of bus remove the CNG line cover. Locate the CNG line coming through the roof. Add blue insuliner between conduit and CNG line.



Blue insuliner to be installed between conduit and CNG lines

4. If the click bond studs have come loose sand all of the old adhesive off and clean with denatured alcohol. Using the adhesive plexus re-apply click bond studs making sure to line them up with the original location.
5. Check for completeness of work.
6. Remove all tools from working area.
7. Turn the main battery disconnect switch(es) on.