

CLAMSHELL HARDWARE INSTALLATION



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Property and Top Bus Number: DART: 304500



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Issue: Poor alignment and improper fit of exterior roof panels

Reason/ cause: exterior roof panels not aligned properly

Solution: Add washers and locks to align and secure panels properly

Number of affected buses: 39001-39052, 38001

Estimate repair hours/bus: 1 hr.

Necessary parts:	fender washer	512-7112-001	24 per
	washer lock	2504ss	48 per
	washer, nylon	5000803	24 per

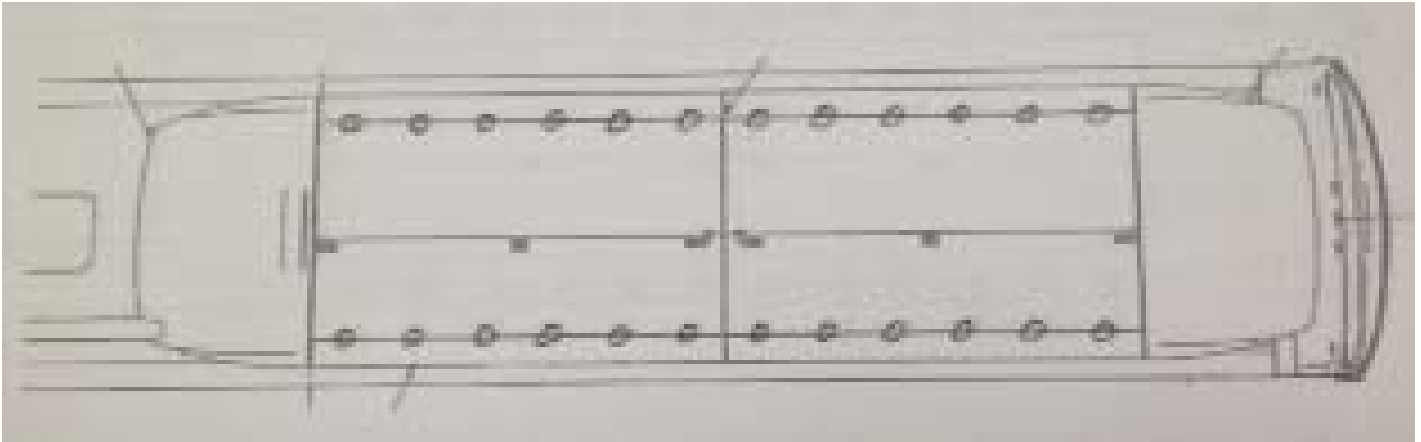
Necessary tools: cordless screw gun, #2 Phillips screw tip

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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. Add the lock washers to the areas circled



Add lock washers here

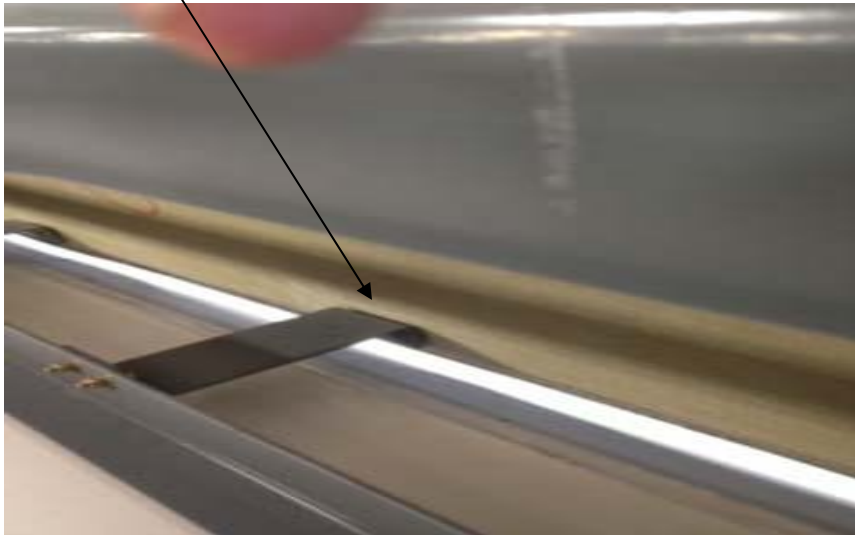


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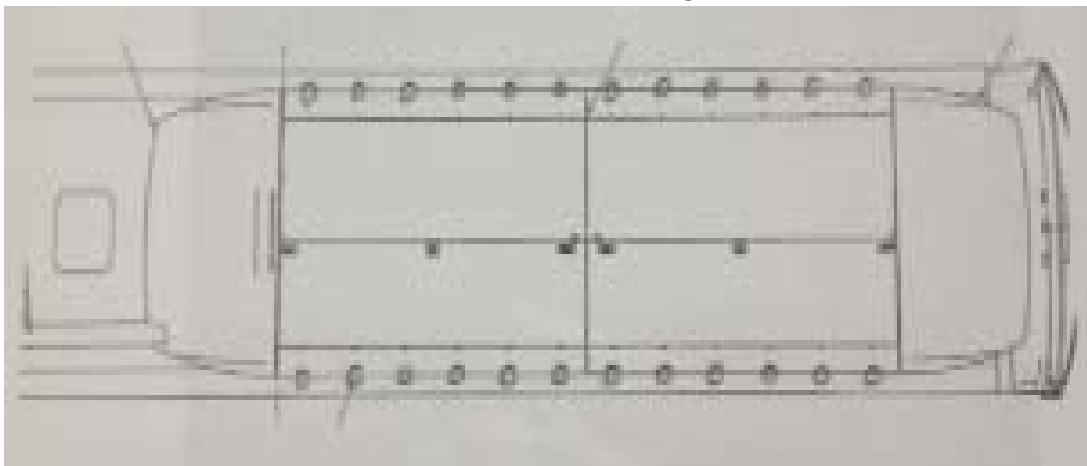


4. Add nylon washers to the inside of clamshell between the fiberglass and frame brackets

Add here



5. Add fender washers and lock washers to existing exterior side screws



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Add fender washers and lock washers here



6. Make sure all hardware is tightened down
7. Check for completeness of work.
8. Remove all tools from working area.
9. Turn the main battery disconnect switch(es) on.