

## Ceiling Panels - Rivets



**Prepared By:** John Gunter  
Sr. Field Service Rep.  
614-256-6046

**Approved By:** Dan Allen – Chief Engineer

**Property and Top Bus Number:** DART: 304500



## Ceiling Panels - Rivets



**Issue:** Ceiling panels coming loose.  
**Reason/ cause:** Rivets are breaking.  
**Solution:** Replace aluminum rivets with stainless steel.  
**Affected buses:** **39001-39087**  
**Estimate repair hours/bus:** 2 hours

### Necessary parts:

Molding, ceiling base	Part #: 416.04.7145.902	As required
Molding, ceiling SS cover	Part #: 416.04.7145.901	As required
Rivet, SS, 1/8	Part #: 2404RHSS08	As required

### Necessary tools:

Rivet gun  
Drill  
1/8 inch drill bit

## Ceiling Panels - Rivets



### **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. Remove cover from ceiling base molding.



4. Install rivet within 2 inches from each end and add rivets between existing rivets.
5. Re-install cover for ceiling base molding.
6. Clean bus of all debris and metal shavings.
7. Check for completeness of work.
8. Remove all tools from working area.
9. Turn the main battery disconnect switch(es) on.