



INSTRUCTION TO SERVICE

ITS: 6247

SECTION:	600 Customer Options.
WRITTEN BY:	Michael Rooney
SUBJECT:	Rework Gas Detection System Wiring Routing.

ITS6247

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PROCEDURE:

1. Turn the main battery disconnect switch to the “OFF” position.
2. Open the access door on the curbside rear pillar of the bus to access the Zone #3 A/C compartment gas detection sensor and wiring. Figure 1.

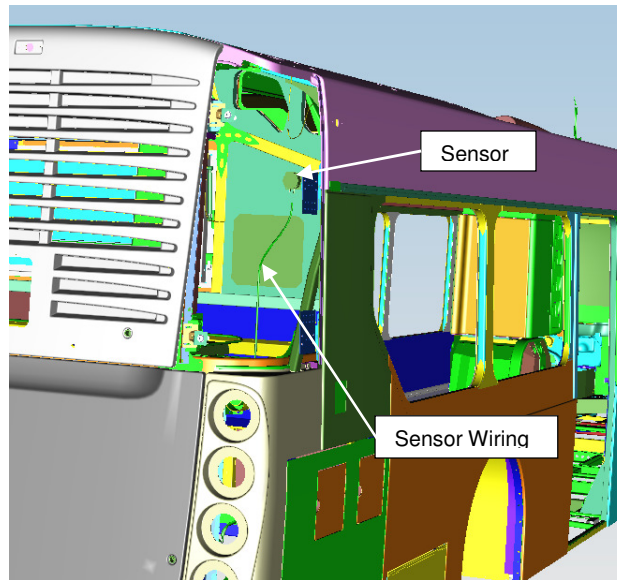


Figure 1: Zone #3 Gas Detector & Wiring Location.

3. Install four tyrap mounting bases NF P/N 277973 at the locations shown in Figure 2 using Plexus PC120 primer NF P/N 067196 and Plexus adhesive NF P/N 526515 utilizing the following bonding procedure:
 - a. Check the expiry date on the container of primer and adhesive to ensure the products are not past shelf life.
 - b. Apply thin layer of Plexus PC120 primer to all surfaces that are to be bonded using a clean cloth.
 - c. While the primer is still wet, wipe down all primed surfaces with a clean lint free dry cloth to remove any surface contaminants lifted by primer PC120 leaving only a thin quick drying film.
 - d. When the primer PC120 is completely dried, apply Plexus MA1020 adhesive to primed surfaces. Dispense adhesive the length of the mixing nozzle when using a new nozzle before applying to primed surface.
 - e. Place bonding surfaces together, press the surfaces firmly together and apply clamps or weights if possible.
 - f. Remove any excess squeezed out adhesive and allow to dry for 20 minutes before removing clamps or weights.

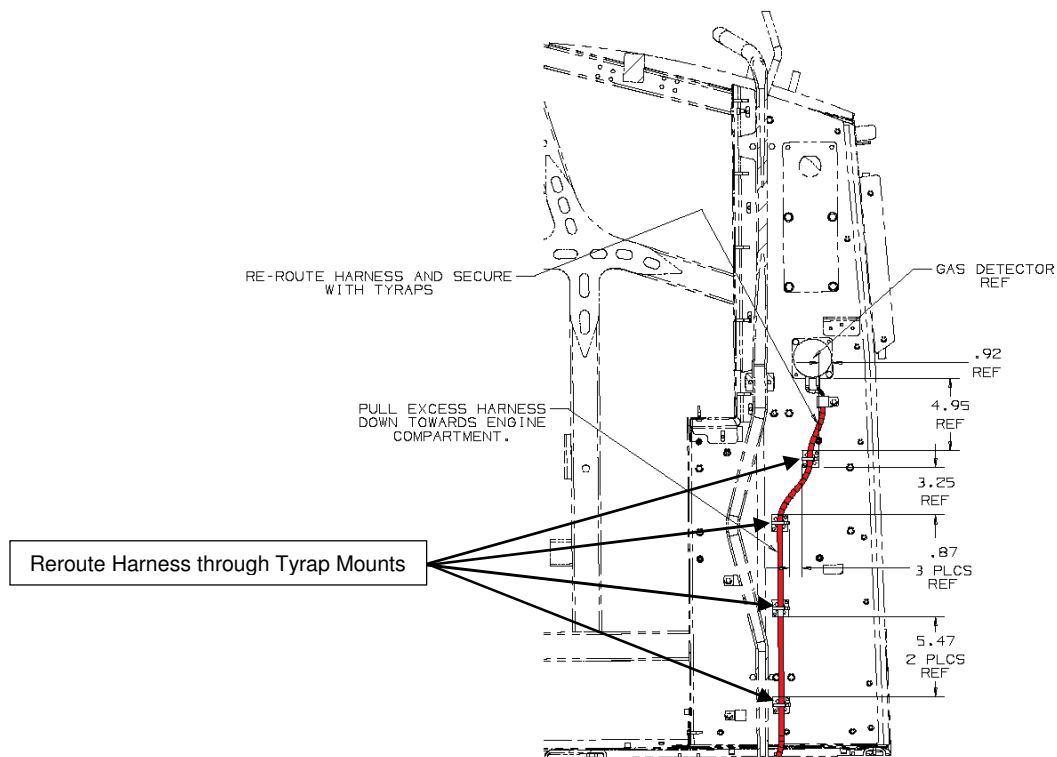


Figure 2: Tyrap Mounting Locations.

4. Re-route the harness for the Gas Detection Sensor and loosely attach the harness to the four tyrap mounts using a tyrap NF P/N 5958112 at each mount. Ensure that the harness does not contact the air intake duct work or the CNG lines.
5. Pull excess harness down towards the engine compartment then secure the four tyrap previously installed at the tyrap mounts.
6. Close and secure the pillar door.
7. Remove all tools and debris and return the bus to service condition.
8. Turn the main battery disconnect switch to the "ON" position.

LABOUR ESTIMATE

	Operation	Men	Hours	Labour Time M X HR
1	Rework Gas Detection System Wiring Routing.	1	0.5	0.5

PARTS REQUIRED

Item	Part Number	Description	Qty. per Coach	Units	Notes
1	526515	ADHESIVE-PLEXUS MA1020	0.020	EA	
2	067196	PRIMER-PLEXUS PC120	0.010	EA	
3	5958112	TYRAP - 7.0 BLACK	4	EA	
4	277973	BASE TYRAP MOUNTING	4	EA	

SPECIAL TOOLS REQUIRED

Item	Part Number	Description	Qty. per Coach	Units	Notes
1		NO SPECIAL TOOLS REQUIRED			