




Stewart & Stevenson FDDA LLC, DBA. Florida Detroit Diesel Allison- Miami MV-90099

2277 NW 14th Street Miami, Florida 33125
 Phone: (305) 638-5300



Case Number: 17565555
Repair Order Number: MIA620412
Purchase Order Number: 106114
Service Advisor: Mendel, Jeremy - Case Date 2025-04-02 07:44:47 -0400

Customer: City Of Key West	Unit Number: 821		 F1092925
Address: 5701 COLLEGE ROAD KEY WEST, FL 33040	Asset: 2015 GILLIG BUS	Engine Hours: 0	
Phone: (305) 809-3911	Serial Number: F1092925	Odometer: N/A Miles	
Fax: N/A	VIN: 15GGE3017F1092925	Warranty Start: N/A	
Customer Number: 66372	Engine: CUMMINS	In Service: N/A	

Case Level Complaint: CHK TRANS / ELEC LIGHT - HYBRID ISSUES - CHK. ADVISE

1 Diagnostics and Dissassembly

Includes: [Default Variation]
Correction: Check. Drove the bus and at that time the bus did not have any active codes. stop the bus and let it sit, then recheck and when started the bus again then had codes 77-27 and 77-02. Both of these codes are for the ESS. was able to drive with the codes active. The code 77-27 often is due to corrosion coming off the battery. And the 77-27 could be relay that is stuck closed. The bus came with other historical codes: 74-60 low voltage, 65-13 engine issue, 73-57 low voltage, 74-57 low voltage, 73-38 inverter encoder signal, could be wire issue on the bus or having an issue with the inverter. 73-90 and 74-90 could be the transmission inverter or the ESS. 70-18 and 70-19 both of these often occur when someone turns off the bus a wrong way. In order to check further – need to remove the lid and check the battery. The ESS is an number 2 and has 81147 hrs on this ESS. Of note with the other historical codes even with ESS repair or replacement unit will need to be rechecked after to see if any issues in addition to the ESS itself. went to the top of the bus to remove the lid of the ess. had to put strap to each side of the hatches. then remove the center bracket. to gain access to the top of the ess lid. remove the a/c cover, start to take out bolts around the lid. raise the lid disconnected each of the ess battery connection. while inspecting found corrosion around the battery pack. when checking the battery pack saw lots of corrosion and also one of the bcim had blue stuff inside and the connection going into the bcim. ESS needs replacement. Also the mounting bracketry of the ESS is rusted / corroded and we strongly recommend bracketry replaced with ESS. Close the hatch. Will need to put cover back on and bring out of bay. Got data for Gillig to quote bracketry.
 Once ESS replaced recheck operation and system to ensure no other concerns and advise accordingly.

	Quantity	Price	Totals
Labor:			\$0.00
Operation Total:			\$0.00

2 ESS and bracketry replacement

Includes: [Default Variation]
Correction: ESS and bracketry replacement

	Quantity	Price	Totals
Labor:			\$10,695.00
Parts: MISC	1.0		
Operation Total:			\$142,677.60



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F1092925

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	Parts	\$131,982.60
	Labor	\$10,695.00
	Shop Supplies	\$500.00
	Haz. Waste	\$500.00
	Freight	\$800.00
	Total	\$144,477.60

ESTIMATE



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PLEASE READ CAREFULLY, CHECK ONE OF THE STATEMENTS BELOW, AND SIGN:

I UNDERSTAND THAT, UNDER STATE LAW, I AM ENTITLED TO A WRITTEN ESTIMATE IF MY FINAL BILL WILL EXCEED \$150.

I REQUEST A WRITTEN ESTIMATE.

I DO NOT REQUEST A WRITTEN ESTIMATE AS LONG AS THE REPAIR COSTS DO NOT EXCEED \$_____. THE SHOP MAY NOT EXCEED THIS AMOUNT WITHOUT MY WRITTEN OR ORAL APPROVAL.

I DO NOT REQUEST A WRITTEN ESTIMATE.

SIGNED _____ DATE _____

I hereby authorize the above repair work to be done along with the necessary material and hereby grant you and/or your employee's permission to operate the vehicle or engine herein described on streets, highways or elsewhere for the purpose of testing and/or inspection if required. An express mechanic's lien is hereby acknowledged on the above vehicle or engine to secure the amount of repairs thereto. Repairer is not responsible for the loss or damage to articles left with or in the vehicle or engine in case of fire, theft or any other cause beyond its control. Estimate good for 30 days. If I cancel repairs prior to their completion for any reason, a tear down and reassembly fee of \$_____ will be applied.

AUTHORIZED BY: _____ DATE: _____

OTHER AUTHORIZED PERSON: _____ PHONE: _____

Standard Terms and Conditions are included herein by reference and available at: <https://www.stewartandstevenson.com/terms-of-sale/> (click address to view)

Hazardous waste charge represents costs and profits to the motor vehicle repair facility for Miscellaneous Shop Supplies or Waste Disposal and other Fees. FS403.718 mandates a \$1.00 fee for each new tire sold in the State of Florida. FS403.7185 mandates a \$1.50 fee for each new or remanufactured battery sold in the State of Florida.

STORAGE FEES. Fee of \$100 per day may be charged if equipment is left more than 3 days after notification of completion.

Warranties: Labor 90 days / New Parts 1 year / Mileage Unlimited. Unless otherwise stated.

Supplier Reserves the right to adjust prices to reflect the impact of any tariffs, duties or similar governmental charges imposed after the date of this proposal. These adjustments will be calculated to ensure fair allocation of the increased costs. Supplier will provide advance notice of any such adjustments along with documentation supporting the changes.