



CANARA ENGINEERING COLLEGE

SUDHINDRA NAGARA, BENJANAPADAVU, BANTWAL TQ, D.K - 574219



Date:08/10/2025

From,

Prajwal Tellis
Resident Engineer
Canara Engineering College,
Benjanapadav.

To,

Principal
Canara Engineering College
Benjanapadav

Through,

Dean
Administration
Canara Engineering College
Benjanapadav

Respected Sir,

Subject: Request for Approval – Shutoff Coil and Relay Replacement for 125 kVA college DG

This is to inform you that the 125 kVA DG experienced a breakdown on 03/10/2025 morning and failed to start. Initial troubleshooting by our in-house team was unsuccessful, following which Maniranjan Sales and Service Pvt. Ltd. was called in for inspection.

Upon detailed checking, it was observed that:

The shutoff coil is weak, and the relay is also suspected to be faulty. They have recommended replacing both the shutoff coil and the relay as a first step.

However, please note that even after replacing the relay, the DG still did not start. This indicates that we may need to proceed with a controller conversion, as the existing controller is an outdated model and a direct replacement is not possible. We request your approval to proceed with the replacement of the shutoff coil and relay as recommended. This is a necessary step before moving ahead with the controller conversion, if required. After the DG running condition check, the annual service work also needs to be done. That request will be submitted later

Estimated cost -Rs

17416/-

Yours's Sincerely

Attachments

1. Quotation
2. Service report

* Note:- Step 1 :- Coil & Relay change :-17416
Step 2:- If step 1 does not work
then Conversion Controller :- 11491000/-
* DG Controller 2006 Model.

Prajwal Tellis
8/10/25
APPROX
Anubhava



Step-1

Customer Quotation

MANIRANJAN DIESEL SALES & SERVICE PRIVATE LIMITED (Authorized Dealer For Cummins India Limited) B 105 / 106, INDUSTRIAL ESTATE, MANGALORE, 575011 Phone: 0824-2407442 Fax: Email: partsmangalore@maniranjan.com CIN: GSTIN: 29AABCM9631K1Z1 PAN No: AABCM9631K Statutory Tax Info:	Quotation Number:	QT-MS-MG-2526-04047	Opportunity No:	OPP-MS-MG-2526-04047	Payment QR 
	Quote Date:	08-10-2025	Revision #:	3	
	Number of Items:	4	Valid Up To:	07-11-2025	
	Service Representative		Sales Representative		
	Engine Serial #		Account Alias		
	Engine Model				

Shipping Instructions

Indentor:	Consignee:
CANARA HIGH SCHOOL ASSOCIATION CANARA ENGINEERING SITE : CANARA ENGINEERING COLLEGE BENJANAPADAVU, BANTWAL TALUK Other, BANTWALA, 574219 Karnataka GSTIN: 29AAAAC0920C1ZF Contact Name: Mobile: Email Id:	CANARA HIGH SCHOOL ASSOCIATION CANARA ENGINEERING SITE : CANARA ENGINEERING COLLEGE BENJANAPADAVU, BANTWAL TALUK Other, BANTWALA, 574219 Karnataka GSTIN: 29AAAAC0920C1ZF Contact Name: Mobile: Email Id:
Indentor Site: Karnataka	Consignee Site: Karnataka
Remarks: ESN-62682031 MODEL-6BTA 125KVA AMC	

Item Details:

Sr.No	Item Name	Customer ItemRefNo	Item Description	HSN/SAC	Qty	UoM	Unit Price (Rs.)	Total Amt	Net Taxable Amt	CGST Tax Amt	SGST Tax Amt	Amount	
1	MRDSS-SF-TRANSPORT - 18%		TRANSPORTATION CHARGES	998719	500.00	Each	1.00	500.00	500.00	45.00 (9.00%)	45.00 (9.00%)	590.00	
2	MRDSS-P&F18		P & F CHARGES	996519	280.00	Not Applicable	1.00	280.00	280.00	25.20 (9.00%)	25.20 (9.00%)	330.40	
3	A073N971		FG00000031 3SR-SOLENOID ASSY. 12VDC	85113020	1.00	Each	8037.50	8037.50	8037.50	723.38 (9.00%)	723.38 (9.00%)	9484.25	
4	0307-3187		RELAY-CONTROL	85364900	1.00	Each	5942.22	5942.22	5942.22	534.80 (9.00%)	534.80 (9.00%)	7011.82	
Total:								13981.72	14759.72	14759.72	1,328.37	1,328.37	17,416.47

Terms and Condition

Taxes	Amount
Total Base Amt	14,759.72
Total Discount Amt	0.00
Total Taxable Amt	14,759.72
IGST Tax Amt	0.00
CGST Tax Amount	1328.3748
SGST Tax Amount	1328.3748
Tcs Amt	0.00
Total Tax Amt	2,656.75
Round Off	- 0.47
Total Amt	17,416.00

W.O. may be issued
10.10.25

Amount In Words:	Seventeen Thousand Four Hundred and Sixteen Rupees Only	Receiver Signature	Authorized Signatory
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Prepared By:	MANIRANJAN DIESEL SALES & SERVICE PRIVATE LIMITED	Checked By:		Received By:	CANARA HIGH SCHOOL ASSOCIATION		
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Printed By:Umesh N

Printed Date:08/10/2025

		Distribution Business Unit Cummins Field Service Report MANIRANJAN DIESEL SALES & SERVICE PRIVATE LIMITED		Dealership Branch : Maniranjan - Mangalore Single Point Contact No.:0824-2407442 Customer care email ID mrdssserver@maniranjan.com		 Assuring you the best service always!				
Service Order Type : AMC Service		Sub Type : Breakdown Call		Service Order Number : SON-MS-MG-2526-02080		FSR No : FSR-SA-6174743		Date :03-10-2025		
Customer Name : CANARA ENGINEERING COLLEGE			Contact Person Name : Prajwal		Designation : Engineer			Contact No : 9483622205		
Customer Address : CANARA ENGINEERING COLLEGE BENJANAPADAVU,BANTWAL TALUK BANTWAL - 574219 KARNATAKA CALICUT, Other, Karnataka, India, 574219				Email Id : prajwal.mvsit@gmail.com			Email Id 2 : prajwal.mvsit@gmail.com			
ESN : 62682031		Gen/Equip Model : UC2744V1		Alternator Sr. No :		Equip Sr. No : NA		Current Hours : 1501.00		
Engine Model : 6B		OEM : Powerica		Avg. Monthly Running Hrs :		Last B Check done at Hrs & Date : ,19-09-2024 Last C Check done at Hrs & Date : , Last D Check done at Hrs & Date : , Air Cleaner element replaced Hrs & Date: , Battery replaced at Hrs & Date: , Coolant replaced at Hrs & Date: ,				
kVA Rating : 125		Branch Code : NA		Employee Number : NA						
Digital Failure Code :		Brand and Grade of Lube Oil used : 15W40VALVOLINE				Type of Coolant Used : EG50:50 Battery Make : Exide Model : 12VDC Battery Sr No. : 12VDC				
Controller Type : PCC0301				Coolant Concentration Level : 1.00						
Engine Performance Parameters						Service Request Details				
Low Idle RPM		Low Idle Pressure		Response to Service Request		Date/Time				
High idle RPM		High Idle pressure		Failure Date		03-10-2025 9:15:00 AM				
Full Load RPM		Full Load pressure		Failure Reported on		03-10-2025 9:30:24 AM				
Coolant Temp (Degree/C)		Lube Oil Temp (Degree/C)		Customer Requested on		03-10-2025 9:45:00 AM				
Cranking Voltage				Attended on		3-10-2025 9:52:52 AM				
Parameters for Generator Set			Parameters for Other applications			Diagnosis Completed on				
Voltage(AC)		Frequency (HZ)		Drilling Speed (Rpm)		Required Material Received on				
Current (Ac/Ampere)		Load(KW)		Gear Speed (Rpm)		Actual Resolution Date				
Stray Voltage(DC volts)		Ripple Voltage (AC volts)		Power Factor						
Customer Complaint : Engine Not starting										
Inspection/Observation and Work Done in Brief : Visited the site, checked the oil level, coolant level and found normal. Found DG cranking but not starting. Shutoff coil not holding. Suspected shutoff coil, relay module faulty. For further inspection shutoff coil and relay module need to be replaced. If again complaint occurs controller conversion need to be done.										
Problem Resolution/Solution : .DG not starting, for further inspection shutoff coil, relay module need to be replaced										
Recommendation/Suggestion :Shutoff coil, relay module need to be replaced * Due for B check maintenance need to be done										
Customer Observation Date :										
Problem Status : Open					Responsibility (If Status is Open) : Customer					
Customer's Remarks:.					Customer Experience :Satisfied					
Service Representative's Name :			PK SachinKumar			Customer Representative's Name:			Prajwal	
Cummin's ID No:		190911635HAC		Service Rep Signature and Date : 03-10-2025 01:14:19 PM			Customer Signature and Date : 03-10-2025 12:46:54 PM			
Promotion ID No:		1155615		Sachin			NO IMAGE AVAILABLE		EJS	

B/ C / D Check		Level Leakage Condition		Check/Adjust		Condition-Clean		Alternator	
Fuel Filters	Need Replacement	Enginee Oil	Need Replacement	Battery	Checked OK	Radiator/H E	Clean	Blow Clean	Checked OK
LO Filter	Need Replacement	Coolant	Checked OK	Charger	Checked OK	Canopy/ Base	Clean	Panel	Checked OK
Coolant Filter	N/A	Exhaust	Checked OK	Starter	Checked OK	Breather Hose	Checked OK	Earthing	Checked OK
Coolant	Checked OK	Hoses	Checked OK	Acurator	Checked OK	Aircleaner	Checked OK	Cables	Checked OK
Lub Oil		Gaskets	Checked OK	Sensors/ Trans	Checked OK	Fan Drive	Checked Ok	Breaker	N/A
Air Filter	Checked OK			Harness	Checked OK	Belts	Checked Ok		
Fuel Pump	Checked OK			Controller	Checked OK	Tensioner	Checked OK		
Injector	Checked OK			Emergency Stop	Checked OK	Turbo-	Checked OK		
				Mountings-	Checked OK				

Escalation Matrix

Dealership:			Cummins:		
*Designation	Contact No.	Function	Designation:	Contact No.	
SERVICE MANAGER	9513963935	Customer Support	Channel Service Manager	9480811681	
SERVICE HEAD	9513011661	Customer Support	Area Service Manager	8050354767	
CEO	6366450190	Customer Support	Divisional Service Head-Southern	9444334533	
DIRECTOR	9008296910	Customer Support			
I AM CUMMINS , YOU CAN DEPEND ON ME.			Our Goal : Zero Engine Down		

Step-2



Customer Quotation

MANIRANJAN DIESEL SALES & SERVICE PRIVATE LIMITED (Authorized Dealer For Cummins India Limited) B 105 / 106, INDUSTRIAL ESTATE, MANGALORE, 575011 Phone: 0824-2407442 Fax: Email: partsmangalore@maniranjan.com CIN: GSTIN: 29AABCM9631K1Z1 PAN No: AABCM9631K Statutory Tax Info:	Quotation Number:	QT-MS-MG-2526-04102	Opportunity No:	OPP-MS-MG-2526-04102	Payment QR
	Quote Date:	07-10-2025	Revision #:	1	
	Number of Items:	15	Valid Up To:	06-11-2025	
	Service Representative		Sales Representative		
	Engine Serial #		Account Alias		
	Engine Model				

Shipping Instructions

Indentor:	Consignee:
CANARA HIGH SCHOOL ASSOCIATION CANARA ENGG., CANARA ENGINEERING COLLGE, A UNIT OF CANARA HIGH SCHOOL ASSOCIATION BENJANAPADAVU, BANTWAL TALUK Other, MANGALORE, 574219 Karnataka GSTIN: 29AAAAC0920C1ZF Contact Name: Mobile: Email Id:	CANARA HIGH SCHOOL ASSOCIATION CANARA ENGG., CANARA ENGINEERING COLLGE, A UNIT OF CANARA HIGH SCHOOL ASSOCIATION BENJANAPADAVU, BANTWAL TALUK Other, MANGALORE, 574219 Karnataka GSTIN: 29AAAAC0920C1ZF Contact Name: Mobile: Email Id:
Indentor Site: Karnataka	Consignee Site: Karnataka
Remarks: ESN-62682031 MODEL-6BTAF-9-G21 125 KVA AMC	

Item Details:

Sr.No	Item Name	Customer ItemRefNo	Item Description	HSN/SAC	Qty	UoM	Unit Price (Rs.)	Total Amt	Net Taxable Amt	CGST Tax Amt	SGST Tax Amt	Amount	
1	0315-1658-02		TRANSFORMER-CURRENT ✓	85030010	3.00	Each	5108.76	15326.28	15326.28	1379.37 (9.00%)	1379.37 (9.00%)	18085.01	
2	0338-5322		HARNES-ENGINE ✓	85444299	1.00	Each	16501.52	16501.52	16501.52	1485.14 (9.00%)	1485.14 (9.00%)	19471.79	
3	MRDSS- SF- TRANSPORT - 18%		TRANSPORTATION CHARGES	998719	1000.00	Each	1.00	1000.00	1000.00	90.00 (9.00%)	90.00 (9.00%)	1180.00	
4	0193-0666		ADAPTER-SENSOR ✓	84099990	1.00	Each	148.80	148.80	148.80	13.39 (9.00%)	13.39 (9.00%)	175.58	
5	0338-5325		HARNES-TRANSFORMER ✓	85444299	1.00	Each	2001.59	2001.59	2001.59	180.14 (9.00%)	180.14 (9.00%)	2361.88	
6	MD-SERVICE		PCC 0301 TO PSO600 KIT CONVERSION, STARTING & TESTING CHARGES ✓	998719	1.00	Each	8000.00	8000.00	8000.00	720.00 (9.00%)	720.00 (9.00%)	9440.00	
7	MDB6751		PS0600 CONTROL BOX ✓	85439000	1.00	Each	15000.00	15000.00	15000.00	1350.00 (9.00%)	1350.00 (9.00%)	17700.00	
8	MRDSS-P&F18		P & F CHARGES	996519	1470.00	Not Applicable	1.00	1470.00	1470.00	132.30 (9.00%)	132.30 (9.00%)	1734.60	
9	A054G527		INSTALLATION, CONTROL	85234990	1.00	Each	37254.00	37254.00	37254.00	3352.86 (9.00%)	3352.86 (9.00%)	43959.72	
10	0307-3187		RELAY-CONTROL	85364900	1.00	Each	5942.22	5942.22	5942.22	534.80 (9.00%)	534.80 (9.00%)	7011.82	
11	0338-5324		HARNES-AC ✓	85444299	1.00	Each	2205.37	2205.37	2205.37	198.48 (9.00%)	198.48 (9.00%)	2602.34	
12	0193-0529-02		SENSOR-TEMPERATURE ✓	90329000	1.00	Each	4338.71	4338.71	4338.71	390.48 (9.00%)	390.48 (9.00%)	5119.68	
13	0193-0430-01		SENDER-OIL PRESSURE ✓	90262000	1.00	Each	5990.98	5990.98	5990.98	539.19 (9.00%)	539.19 (9.00%)	7069.36	
14	A044F796		COIL, ELECTRICAL	85113020	1.00	Each	5927.65	5927.65	5927.65	533.49 (9.00%)	533.49 (9.00%)	6994.63	
15	MDB20903		FABRICATION WORK ✓	998719	1.00	Each	5500.00	5500.00	5500.00	495.00 (9.00%)	495.00 (9.00%)	6490.00	
Total:								113921.60	126607.12	126607.12	11,394.64	11,394.64	149,396.41

Terms and Condition

Taxes	Amount
Total Base Amt	126,607.12

Total Discount Amt	0.00
Total Taxable Amt	126,607.12
IGST Tax Amt	0.00
CGST Tax Amount	11394.6408
SGST Tax Amount	11394.6408
Tcs Amt	0.00
Total Tax Amt	22,789.28
Round Off	- 0.40
Total Amt	149,396.00

Amount In Words:	One Lakh Forty Nine Thousand Three Hundred and Ninety Six Rupees Only							
Prepared By:	MANIRANJAN DIESEL SALES & SERVICE PRIVATE LIMITED	Checked By:		Recieved By:	CANARA HIGH SCHOOL ASSOCIATION	Receiver Signature	Authorized Signatory	

Printed By: Umesh N

Printed Date: 07/10/2025