

Year	Manufacturer	Model	VIN/HIN/SN	Engine#	Keyboard	Check In Date	Miles In	Hours In
2016	ZERO	FX	59887C18C10E777			10-4-2023	0.00	0.00/0.00

ELECTRICAL DIAG (2016 ZERO FX)

Labor Type	Labor Description	Qty	Rate	Labor Cost
Retail	Retail	1.00		
				Labor Subtotal :
Fees	Description	Qty	Rate	F
SHOP SUPPLIES	SHOP SUPPLIES	1.00		
				Fees Subtotal :
				Job Subtotal :
				Total Tax :

Job Description :

MAIN DISPLAY FLASHING AND A NOT RECEIVING CHARGE.

LAST SERVICE PERFORMED BY TJ AT GRAND PRIX

Resolution :

Could not get bike to turn on or take charge confirmed. Tried but could not get Diagnostic tool to communicate with vehicle. Pulled out both batteries and tried to wake them up manually but neither will wake or communicate with diagnostic tools. Checked voltage on both batteries and front battery is at 17.2VDC and rear battery is at 24.8VDC. Battery minimum voltage is ~94VDC and both batteries are at a non recoverable state and both will need to be replaced.

Was not able to diagnose screen flickering due to vehicle not turning on. Suspected aftermarket accessories were installed incorrectly and draw current even when turned off. Will need to diagnose why vehicle died after new batteries installed

Recommended Repairs :

Fold Here

Unit	2016 ZERO FX	Color:WHITE	Keyboard:
VIN/Serial No:538XX9Z16GCH06077		Plate:	Odom/Hrs In:3,134 Out:3,134

NO CHARGE DIAG

Description: THIS MACHINE WAS IN HERE LESS THEN 30 DAYS AGO. THE MACHINE

Resolution: CONFIRMED ISSUE FOUND THAT WHEN CHARGER POWERS UP IT BLOWS THE FUSE C207 I REPLACED FUSE TO CHECK IF THERE WAS ANY OTHER ISSUE OTHER THAN CHARGER I CHECKED CONTINUITY FROM ON BOARD CHARGER PLUG AT PINS 3,9,13,14 TO QUICK CHARGER AND BRUSHLESS MOTOR CONTROLLER ALL TESTED GOOD FROM .01-.4 OHMS NEED TO REPLACE CHARGER THEN REVALUATE

Recommend: REPLACE ONBOARD CHARGER THEN REVALUATE ISSUE

Labor

Description	Technician	Total
DIAG THE NO CHARGE		

Labor Subtotal _____
Job Subtotal _____

ESTIMATE - ONBOARD CHARGER INSTALL

Description:

Parts

Part #	Qty	Description	Price	Discount
45-08252	1.00	ONBOARD CHARGER 720W		

Parts Subtotal _____

Labor

Description	Technician
ONBOARD CHARGER INSTALL	

Labor Subtotal _____
Job Subtotal _____

All Jobs Subtotal: _____

Shop Supplies: _____

Tax: _____

Total: _____

Less Deposits: _____

Total Due: _____

SERVICE WRITER: _____

Fold Here

Unit 2016 ZERO FX Color:WHITE Keyboard:
VIN/Serial No:538XX9Z16GCH06077 Plate: Odom/Hrs In:0 Out:2,640

NO CHARGE DIAGNOSTIC

Description:CLINT STATES HIS GUYS HAD UNIT PLUGGED IN FOR AROUND 5 MONTHS. THEY WERE UNSURE IF IT WAS CAUSED DUE TO NOT BEING PUT INTO LONG TERM STORAGE MODE. ADVISE ON DIAG

Resolution:TESTED BATTERIES FRONT WAS AT 27.3 VDC AND THE REAR WAS AT 26.3 VDC

Recommend:REPLACE BATTERIES

Labor

Description	Technician	Total
NO CHARGE DIAG		

Labor Subtotal _____
Job Subtotal _____

ESTIMATE TO REPLACE POWER PACKS. AWAITING APPROVAL

Description:

Parts

Part #	Qty	Description	Price	Discount
46-08228	2.00	ASSEMBLY BATTERY SHORT CELL	-----	\$0.00

Parts Subtotal _____

Labor

Description	Technician
INSTALL POWERPACKS	

Labor Subtotal _____
Job Subtotal _____

All Jobs Subtotal: _____

Shop Supplies: _____

Tax: _____

Total: _____

Less Deposits: _____

Total Due: _____

SERVICE WRITER _____