ERROR CODES

Gladiator Series – Error Codes



Reference Document:

N/A

Date of Issue: Applicable Equipment: 10/26/2020 Gladiator Series

Applicable Part/Kit#:

N/A

Troubleshooting

Traction problem Traction card failure, short circuit inside the Mosfet. Check if traction motor runs smoothly. Check power consumption is ≈10-12A on flat surface. Replace the power card. MOTOR TEMPERATURE PAUSE Traction motor temperature is >95°C Thermic sensor is defective, cable is interrupted. The display card is defective. TRACTION TEMPERATURE PAUSE TRACTION TEMPERATURE PAUSE TRACTION TEMPERATURE PAUSE TREMPERATURE PAUSE The display card is defective, error appear ≈ every 15 min The bottom limit switch inside actuator is pressed by the shaft. The bristles are short and the actuator reach limit range. Pressure is too high for the surface. ACCELERATOR CABLE The prosecution of the surface. ACCELERATOR CABLE The prosecution of the surface. The prosecution of the surface of the surface of the surface of the prosecution of the brush motor, replace bearings. The prosecution of the prosecution card. ERR MART DISCESA No tension on the power card. Main contactor does not close completely. The prosecution of the prosecution of the prosecution of the prosecution of the prosecution card. We prove the main contactor, open to check the contactor. The prosecution of the prosecution of the prosecution of the	Problem	Cause	Remedy
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TRACTION TEMPERATURE PAUSE Power card temperature sensor > 85°C Wait ≈ 30' that the main board temperature go down.		Traction motor temperature is >95°C	Wait \approx 30' for the machine temperature to go down.
TRACTION TEMPERATURE PAUSE Charge pump in the display card is defective, error appear ≈ every 15 min The bottom limit switch inside actuator is pressed by the shaft. The bristles are short and the actuator reach limit range. Pressure is too high for the surface. ACCELERATOR CABLE BRUSH CURRENT Central brush is not free to rotate. Brush motor is locked. Check the wires with a digital multimeter. Check the vires with and clean the area. Check the vires with and lean the area. Check the rotation of the brush motor, replace bearings. Carbon brush are worn out completely. Remove the motor and replace the carbons. Check the wires between the main fuse and traction card. Main contactor does not close completely. Remove the main contactor, open to check the contacting surface and clean. If still not working, replace the contactor, check the correct functioning of top limit switch and eventually adjust with the register.		Thermic sensor is defective, cable is interrupted.	Check with a multimeter the continuity of the wires.
TEMPERATURE PAUSE Charge pump in the display card is defective, error appear ≈ every 15 min Check the parameter charge pump (after enabling UPB1 in tech menu) it must be 36V, if no replace the card. Check that the limit switch works correctly and is not stuck. The bristles are short and the actuator reach limit range. Pressure is too high for the surface. Replace the main brush. ACCELERATOR CABLE Accelerator potentiometer is interrupted. Wires between card and potentiometer are interrupted. BRUSH CURRENT Central brush is not free to rotate. Brush motor is locked. Check the vires with a digital multimeter. Check the rotation of the brush motor, replace bearings. Carbon brush are worn out completely. ERR MART DISCESA No tension on the power card. Main contactor does not close completely. Cerk main contactor, open to check the contactor, replace the contactor, replace the contactor, replace the contactor, replace the contactor. Remove the main contactor, open to check the contacting surface and clean. If still not working, replace the contactor, check the correct functionning of top limit switch and eventually adjust with the register.		The display card is defective.	Replace display card.
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CHARGE PUMP Display card internal failure. Replace the display card.	ERR MART SALITA	Over current on brush actuator.	functionning of top limit switch and eventually
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