



**Reference Document:** 14/0010  
**Date of Issue:** 06/04/2019  
**Applicable Equipment:** Hurricane Commercial Series  
**Applicable Part/Kit#:** N/A

## Troubleshooting

Problem	Cause	Remedy
ACC/MAN - ACCELERATOR/MAN	The traction lever has been pushed during machine turning ON by the key.	Traction can be engaged only by release and pull again the handle lever.
POT - POTentiometer	The traction potentiometer is broken or badly connected.	Release and push the traction lever: If the error is still on the display, check the potentiometer and replace.
LIM - Limitation	The traction MOSFET reached the max current limitation.	Switch off and wait few seconds to cool down the card.
	The traction is blocked, It can appear if machine climbs long ramp and traction card overload.	
HOM - MOSFET THERMAL SENSOR	It appears when the thermal sensor inside the traction MOSFET being activated.	Wait 10 min until the card cool down and try again. If it doesn't disappear it's necessary to replace the dash card.
HOT - OVERHEATING	Traction motor internal temperature sensor is engaged.	Wait 30 minutes until the temperature decreases and try again, or check the wiring between the motor and the card. If unsolved, replace the sensor.
MoS - MOSFET	The coil of the main contactor is damaged and the brush or traction function are activated.	Replace the traction card or check the main contactor.
	The traction MOSFET is broken or in short circuit: the traction is blocked.	Check the coil of the black traction motor relay positioned underneath the chassis.
	The vacuum relay has a problem.	Replace.
MoF - MOSFET	The traction MOSFET is broken internally; The traction is blocked, brush and vacuum still works.	Replace the card.
BLT - TRACTION BLOCKED	The battery voltage is too low: the traction and all other functions are blocked.	Charge the batteries.
ACS - BRUSH COMMAND PROBLEM	The brush remote control switch is not engaged properly.	Push the brush switch and if the error is still on the display, check the remote control connections. If the connections are ok, replace the contactor.
ACA - VACUUM MOTOR COMMAND PROBLEM	The vacuum relay is not engaged properly:	Push the brush switch and if the error is still on the display, check the relay connections. If the connections are ok, replace the vacuum motor relay.
ACH - WATER SOLENOID VALVE PROBLEM	It appears the fuse of solenoid valve is blown, the coil of the valve is interrupted internally or the wiring is interrupted.	

# Hurricane Commercial Series – Error Codes



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FUP - FUSE	The coil of the main contactor does not close properly and the vacuum function is activated. Internal problem on the display card, or incorrect contact with GND cable.	
Clh - CLOCK	Internal problem in the display card memory.	Replace the card.
ERR - ERROR	Appears when there is a general functioning error in the electronic card.	Replace the card.