Troubleshooting the Hurricane 900 XTT

ref.	Display Error Code	Brush	Vacuum	Traction	Error Source	Cause	Solution
1	Traction Problem	Off	Off	Off	Main Board	a- Main board failure	a- Replace the main board MECE00265; if control panel realease is <1.26, replace the control panel MEQE00050 too.
2	Motor Temperature Pause	Off	Off	Off	Traction Motor Temperature Sensor >95°C	a- Machine worked too much in a ramp b- The motor current consumption c- The motor thermal sensor	a- Wait ≈ 30' that the traction wheel temperature go down b- If current is > 18A replace the traction motor RTRT00250 c- If at ambiant temperature is open, replace it, METK00026
3	Traction Temperature Pause	Off	Off	Off	Main Board Temperature Sensor > 85°C	a- Machine worked too much in a ramp b- The motor current consumption c- The motor thermal sensor	a- Wait ≈ 30' that the main board temperature go down b- If current is > 18A replace the tration motor RTRT00250 c- Replace the main card MECE00265 and the control panel MEQE00050
4	Key Accelerator Sequence	Off	Off	Off	Accelerator Pedal Microswitch and Potentiometer	a- Pedal in pushed before key turning ON	a- Release the pedal
5	Traction Potentiometer	Off	Off	Off	Accelerator Pedal Potentiometer	a- The plug under the pedal bad connected b- The potentimeter is broken	a- Check and tight the plug b- Replace the potentiometer
6	Brush Temper	Off	On	On	Main Board Temperature Sensor > 85°C	a- Machine worked too much at high pressure b- The working program is to heavy for the floor c- Electronics faulty	a- Wait ≈ 30' that the main board temperature go down b- Pass from P3 to P2 or P1 (if already P1 use the programming instruction to check the pressure value setted) c- Replace the main card MECE00265 and the control panel MEQE00050
7	Battery Low	On	On	On	Battery	a- Battery voltage is ≤ 31.5V	a- Expect to charge the battery
8	Battery Flat	Off	Off	On	Battery	a- Battery voltage is ≤ 29V	a- Charge the battery

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ref.	Display Error Code	Brush	Vacuum	Traction	Error Source	Cause	Solution
9	Battery Low	Off	Off	Off	Battery	a- Battery voltage is ≤ 27V	a- Check the battery levels and charge the battery
10	Brushes Worn	On	On	On	Brush Head Low Position Microswitch Inside the Actuator	a- Brushes are worn b- The floor is very smooth and the electronic doesn't read enough current consumption	a- Replace the brushes b- Pass from P3 to P2 or P1: if already P1, use the programming instruction to reduce the brushes pressure
11	Parking Brake	On	On	On	Microswitch in the Parking Brake Pedal	a- Parking brake is engage b- Brake microswitch is fixed wrong c- Brake microswitch is broken	a- Unlock the brake by pushing the L shape lever near the pedal b- Check and eventually adjust the microswitch position c- Replace the microswitch
12	Recov. Tank Level	On	Off	On	Level Sensor Inside the Recovery Tank	a- Recovery tank level sensor is engage by the water level b- Recovery tank level sensor is blocked in upper position	a- Empty the recovery tank and reset the machine (key OFF/ON) b- Check the sensor and eventually replace it MECI00516
13	Water Reserve	On	On	On	Level Sensor Inside the Solution Tank MECI00400	a- Solution tank level sensor is engage by the low water level b- Solution tank level sensor is blocked in lower position	a- Expect to empty the recovery tank and fill the solution tank b- Check the sensor and eventually replace it MECI00516
14	No Water	Off	Off	On	Level Sensor Inside the Solution Tank MECI00400	a- Is more than 5 minutes that the solution tank level sensor is engage by the low water level b- Is more than 5 minutes that the solution tank level sensor is blocked in lower position	a- Empty the recovery tank and fill the solution tank and reset the machine (key OFF/ON) b- Check the sensor and eventually replace it MECI00516
15	Potentiometer Alignment	Off	Off	Off	Accelerator pedal Potentiometer	a- Replacement of the potentiometer b- Wrong ohm value in zero position	a- Use the programming instruction to align the new potentiometer b- Set to 0Ω in zero position and follow the remedy "a" to align it

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