

# MP 5800 DIAGNOSTIC FAULT CODE QUICK REFERENCE TABLE



Fault Number	Fault Title	Controller Affected	Fault Condition/ Circuit Description	Additional Notes	Service Actions
1	Master TEC Fault	Master TEC	This fault is reported when an internal technical issue exists within the master TEC.		1) Replace the master TEC
2	Output Fuse Fault	Master TEC	This fault is reported when output power is not being detected at one of the output circuits.	Advisory 3 is outputs 1-4. Advisory 4 is outputs 5-8. Advisory 5 is outputs 9-12.	1) Inspect the 7.5 amp fuses. 2) Test the output fuse circuit wiring. 3) If the fault continues to report, replace the master TEC.
3	Main Power Relay Fault	Master TEC	This fault is reported when output power is not being detected at any of outputs 1 through 12.		1) Inspect the 7.5 amp fuses. 2) Test the functionality of the main power relay. 3) Test to ensure the TEC is getting 12V from the main power relay. 4) Test the circuit wiring and connectors. 5) If the fault continues to report, replace the master TEC.
4	Charging System Fault	Master TEC	This fault is reported when system voltage is below the minimum acceptable range.	Advisory 6 indicates voltage too high. Advisory 7 indicates voltage too low.	1) Test the alternator output to ensure it is between 12.5 and 14 volts. 2) Check the alternator wiring harness and all connectors for any loose wires or corrosion. 3) If the fault continues to report, replace the master TEC.
5	Start Relay	Master TEC	This fault is reported when the starter circuit output voltage is out of range.		1) Contact TAC
6	RTR/Fuel Pump	Master TEC	This fault is reported when the fuel pump circuit output voltage is out of range.		1) Contact TAC

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<b>10</b>	Throttle Lamp	Master TEC	This fault is reported when the throttle lamp circuit output voltage is out of range.		1) Contact TAC
<b>11</b>	Master Boom	Master TEC	This fault is reported when the master boom circuit output voltage is out of range		1) Contact TAC
<b>12</b>	Rinse Pump	Master TEC	This fault is reported when the rinse pump circuit output voltage is out of range.		1) Contact TAC
<b>13</b>	Brake Lock	Master TEC	This fault is reported when the brake lock circuit output voltage is out of range.		1) Contact TAC
<b>14</b>	Software Version Incompatibility Fault	Master TEC	This fault is reported when the InfoCenter display software is not compatible with the TEC software.		1) Use Toro DIAG to reprogram the machine. 2) If the fault continues to be reported, replace the master TEC.
<b>15</b>	Brake Pressure Switch Failure Fault	Master TEC	This fault is reported when the brake pressure switch is closed after the service brake has been released.		1) Contact TAC
<b>16</b>	Service Brake or Throttle Home Sensor Failure Fault	Master TEC	This fault is reported when the service brake or throttle home sensor is indicating open.		1) Contact TAC
<b>17</b>	Starter Timeout Fault	Master TEC	This fault is reported when the starter has been engaged for at least 30 seconds.	If the key is held in the "start" position for more than 30 seconds, this fault will report.	1) Check the ignition key switch for a short. 2) Check the ignition key switch harness and/or connector for a loose wire or corrosion. 3) If the fault continues to report, replace the master TEC.

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<b>18</b>	Traction Pedal Neutral Switch Fault	Master TEC	This fault is reported when the traction pedal neutral switch signal indicates it is in the neutral position, yet vehicle speed is 2 mph or higher for 10 seconds.		<ol style="list-style-type: none"> <li>1) Check the traction pedal neutral switch for adjustment and function.</li> <li>2) Check the traction pedal neutral switch harness and/or connector for a loose wire or corrosion.</li> <li>3) If the fault continues to be reported, replace the master TEC.</li> </ol>
<b>19</b>	Flow Rate Meter Fault	Master TEC	This fault is reported when no flow is detected and the sprayer system pressures indicate there should be.		<ol style="list-style-type: none"> <li>1) Confirm fluid flow from the sprayer nozzles. If fluid is spraying, there should be flow registered on the flow rate meter.</li> <li>2) Check the plumbing system for blocked pipes or clogged nozzles.</li> <li>3) Check the flow rate meter harness and/or connector for a loose wire or corrosion.</li> <li>4) Test the flow rate meter for proper function.</li> <li>5) If the fault continues to be reported, replace the master TEC.</li> </ol>
<b>41</b>	Sprayer Pump Control Valve (PWM9) Output Fault	Master TEC	This fault is reported when the controller has detected a short in the sprayer pump control valve (PWM9) output circuit.		<ol style="list-style-type: none"> <li>1) Check the sprayer pump control valve for any shorts.</li> <li>2) Check the sprayer pump control valve harness and/or connector for a loose wire or corrosion.</li> <li>3) If the fault continues to be reported, replace the master TEC.</li> </ol>