

Task/XP	Difficulty	Minutes	System
Check Leveling Arm for Damage	LOW	5	Brush
Replace Leveling Arm	MEDIUM	30	Brush
Check for Power to the Motors	HIGH	10	Brush
Check Motor for Locked Up Condition	MEDIUM	20	Brush
Replace the Motor	Medium	45	Brush
Check Motor Idler Bearings	Medium	30	Brush
Replace Motor Idler Bearing	MEDIUM	45	Brush
Check Brush Belt Gearing	MEDIUM	20	Brush
Replace the damaged belt gears	MEDIUM	30	Brush
Check Brush Belt Tension	MEDIUM	15	Brush
Check the Belt Tensioner	Medium	15	Brush
Replace the Belt Tensioner	MEDIUM	60	Brush
Replace the Motor Belt	Medium	30	Brush
Check Hall Sensor	High	10	Brush
Check for power to the actuator	HIGH	15	Brush
Test the actuator	Medium	15	Brush
Replace the actuator	Medium	45	Brush
Replace the Hall Sensor Assembly	Medium	45	Brush
Check for power to the actuator	HIGH	15	Brush
Check the Power Plug	Low	5	Electrical
Check Battery Cables	MEDIUM	10	Electrical
Check Batteries	High	10	Electrical
Test Voltage Output from Power Board RS 232 Port	HIGH	15	Electrical
Check Communication Cable	Medium	10	Electrical
Test the Key Switch	Medium	5	Electrical
Replace Control Panel	MEDIUM	15	Electrical
Replace the Power Plug	Medium	10	Electrical
Replace the Battery Cables	Medium	20	Electrical
Replace the Batteries	Medium	20	Electrical
Replace Power Board	Medium	15	Electrical
Replace the Communication Cable	Medium	15	Electrical
Replace the Key Switch	Medium	20	Electrical
Check the Power Board Voltage for the Primary Components (and jumper pin if req'd)	High	15	Electrical
Replace Power Board	MEDIUM	15	Electrical
Check Solenoid Wiring	Low	10	Electrical
Replace Solenoid Wiring	MEDIUM	15	Electrical
Replace the Solenoid Valve	Medium	15	Electrical
Check Solution Pump Wiring	LOW	10	Electrical
Replace the Solution Pump Wiring	MEDIUM	10	Electrical
Check Vacuum Motor Wiring	MEDIUM	15	Electrical
Replace the Vacuum Motor Wiring	MEDIUM	15	Electrical
Check Brush Motor Wiring	Low	10	Electrical
Replace the Brush Motor Wiring	MEDIUM	15	Electrical
Replace the Brush Motor	Medium	45	Electrical
Check Drive Motor Wiring	Medium	5	Electrical

Replace Drive Motor Wiring	Medium	15	Electrical
Check the Drive Motors	HIGH	10	Electrical
Replace the Drive Motor	Medium	60	Electrical
Check the battery charger	Low	5	Electrical
Replace the battery charger	Low	5	Electrical
Check the hall sensor switch assembly	HIGH	30	Electrical
Replace the hall sensor assembly	Medium	20	Electrical
Train the steering	Low	15	Electrical
Check the Stepboard switch	HIGH	5	Electrical
Replace the Stepboard switch	Medium	30	Electrical
Check the communication cable	Medium	10	Electrical
Replace the communication cable	Medium	15	Electrical
Train the Steering	Low	15	Electrical
Check Casters	LOW	5	Propulsion
Replace the Casters	MEDIUM	15	Propulsion
Check the Wheels	LOW	5	Propulsion
Replace the Wheels	MEDIUM	10	Propulsion
Check the Squeegee Linkage	Low	10	Recovery
Replace the Linkage	Medium	75	Recovery
Check the Squeegee Bracket	Low	10	Recovery
Check for Power to the Motor	HIGH	15	Recovery
Replace the Vacuum Motor	Medium	30	Recovery
Check Squeegee Roller Wheels	Low	10	Recovery
Replace Squeegee Bracket	Medium	10	Recovery
Check and Adjust Squeegee	MEDIUM	15	Recovery
Check Squeegee Blade for Damage	Low	10	Recovery
Replace the Squeegee Blade	MEDIUM	15	Recovery
Check Vacuum Hoses Connections	LOW	5	Recovery
Replace squeegee roller wheels	Medium	15	Recovery
Check Vacuum Hose Condition	LOW	5	Recovery
Replace the Vacuum Hose	MEDIUM	5	Recovery
Check Vacuum Hose for Clogs	MEDIUM	5	Recovery
Check Recovery Tank Lid Seal	Low	5	Recovery
Check the "recovery tank full" sensor	MEDIUM	10	Recovery
Replace the Recovery Tank Lid Seal	Low	10	Recovery
Replace the "recovery tank full" sensors	MEDIUM	15	Recovery
Check To Make Sure Tank Cover Seals When Closed	LOW	5	Recovery
Check Drain Hose for Damage	LOW	10	Recovery
Clean the Filter Screen	Low	5	Recovery
Check Vacuum Motor	HIGH	10	Recovery
Replace the Drain Hose	MEDIUM	5	Recovery
Replace Vacuum Motor	Medium	30	Recovery
Check all hoses and fittings for leaks	MEDIUM	15	Solution
Clean the solution filter	LOW	10	Solution
Add Water/Solution to Tank	Low	5	Solution
Check the solenoid valve for flow	MEDIUM	10	Solution
Check for power to the solenoid valve	HIGH	10	Solution

Replace the solenoid valve	MEDIUM	15	Solution
Replace the solution filter	MEDIUM	10	Solution
Replace the Supply Hose	MEDIUM	10	Solution
Replacing the feed hose	MEDIUM	30	Solution
Check the tank for leaks	LOW	5	Solution
Replacing the tank	MEDIUM	45	Solution
Replacing the solenoid valve	MEDIUM	15	Solution
Check for Power to the Solution Pump	HIGH	30	Solution
Replace the Solution Pump	Medium	30	Solution
Check the pump for leaks	Low	5	Solution
Replace the leaking pump	Medium	30	Solution