



Brush Up/Down Error

Replace Fuse-3.2A  
P/N  
154-1267

Reconnect and/or  
Tighten Loose Wire

Replace Fuse  
Holder  
P/N  
153-1028

Locate Broken or  
Disconnected Wire

Connection to  
Motor is Good

Output  
10ch02 is  
Functioning  
Properly

Brush Lift Relay  
Functioning

If Relay is Loose,  
Re-secure. Replace if  
Faulty  
P/N  
158-1458

Replace Motor  
P/N  
158-8402

Motor Tests  
Good

Replace PLC  
P/N  
158-1610P

Click To Email KMK  
Experts

Brush Bearings  
are Binding

Loosen Set Screws  
and Free Up Bind

Start

No

Yes

Yes

No

No

Yes

No

Yes

Yes

No

Yes

Yes

No

Yes

No

No

No