

## **INSTRUCTIONS FOR REPLACING THE SHARPENING STONES IN FIRESTONE ELECTRIC SHARPENER**

Simply follow these steps to replace the stones in your FireStone /DiamondStone Electric Sharpener:

### **DISASSEMBLY:**

1. Unplug the sharpener and turn it upside down.
2. Using a Phillips head screw driver, remove the 4 screws that hold the plastic sharpener housing together. Turn the sharpener upright again, open the plastic housing and note how the entire stone/motor assembly sits inside the plastic housing. This assembly must be replaced in the correct position before closing the sharpener housing again in step 9, so pay close attention to its position before you start taking things apart. Note the location of the wires and rubber cushions.
3. Use a flat screw driver or similar tool to remove the C clips that hold the defective stone & nylon axle assemblies onto their metal shafts inside the sharpener. Be sure to save these C clips for step 8 below.
4. Slide the defective stone & nylon axle assemblies off their metal shafts, paying close attention to the spring washers that sit at the top and bottom of the nylon axles. These spring washers are shaped like a typical washer, but are bent in the middle to create a spring action on the stone & axle assembly. You will want to save these spring washers to use with the new stone & axle assemblies, in their same locations, when you reassemble the machine.

### **REASSEMBLY:**

5. The first parts to go back onto the fixed metal shafts are the two of the spring washers (one spring washer for each shaft). If the spring washers are not still in place, retrieve them from defective stone & nylon axle assemblies that you removed in step 4 and slide one spring washer down each metal shaft.
6. Slide both of the new stone & nylon axle assemblies onto the metal shafts at the same time with the stone wheels overlapping each other (this is the same configuration that the defective stone & nylon axle assemblies were in before disassembly).
7. Slide the outer spring washer onto the metal shafts in the same position they were in before disassembly. These spring washers are likely still stuck to the defective stone & nylon axle assemblies removed in step 4, as well.
8. Snap the C clips (removed in step 3 above) back in place at the end of the metal shafts to re-secure the stone & nylon axle assemblies onto the metal shafts.
9. Reposition in the entire stone/axle/motor assembly in the plastic housing as it was before disassembly. The excess wiring inside the case fits into a space on the right side of the motor assembly, as you look at the sharpener from the front.
10. Replace the cover and the 4 Phillips head screws that hold the housing together.