

1. If motor should stop during operation, look the machine over carefully for a stone caught in the cracking dies and see that nothing is caught in the feed chain or feed wheel. See that all pulleys turn easily by hand and that all bearings are well lubricated.
2. If a stone is caught between the cracking dies, it may be removed by turning the large pulley backwards by hand until the stone is free to be removed.
3. After the overload device has cut out, 3 minutes must be allowed for cooling before resetting the automatic cut-out.
4. Strings and dirt must be kept cleaned away from the upper and lower feed chain sprockets at all times.

### CLEANING THE CRACKING DIES—

Once each week the cracking dies should be thoroughly cleaned in order to prevent the knock-out rods from sticking which will eventually damage the cracking box. This may be accomplished as follows:

1. Stop the machine and rotate the large V-pulley until the two Cracking Dies are together.
2. Grasp the outside Knock-Out Rod and pull out slightly, at the same time turn it to one side. This will leave the hole in the stationary Cracking Die exposed.
3. Dip a Pipe Cleaner into kerosene and brush it back and forth in the Cracking Die Hole as far as possible. Repeat this operation several times.
4. After the Dies have been cleaned, the Knock-Out Rod may be replaced and the machine is ready for operation.

### NOTE:—

Dirty or clogged Cracking Dies will quite often cause a decided "knock" to develop in a Cracking Machine. Insufficient lubricant in the 2 Oil Cups, located directly over the Cracking Box, may also cause the machine to "knock."

### To Replace Knockout Springs

1. Remove knockout rod assembly by loosening hexagonal spring bushing in front of stationary die.
2. Push spring collar back to shoulder, compressing spring.



3. Push out spring collar pin and remove spring collar and old spring.
4. Re-assemble new spring onto knockout rod.
5. Re-assemble spring collar and pin as before. Be sure that the head of the spring collar pin is on top when the knockout rod is in operating position.
6. Re-assemble unit into machine.