



IMPORTANT SAFETY INSTRUCTIONS

Please Read All Instructions

CAUTION!... Turn off and Lockout the power source to your hammermill, before servicing the equipment.

JACOBS hammers have been designed and manufactured to provide the best compromise between hardness for good wearing qualities and strength for dependability and resistance to breakage. Any alteration of the hammer by heating, grinding, resurfacing or any other process can change the mechanical properties of the hammer and make it unsuitable or dangerous to use. Alteration will void any consideration for possible warranty.

JACOBS hammers are designed to grind the normal ingredients used in the manufacture of feed and related products. Other products that may be reduced in size include such products as paper, wood residue, chips, sawdust, shavings or hogged material. **JACOBS hammers are not designed to grind or crush**, on a primary basis, hard materials such as coal or minerals. Metal, rocks or other similar materials can cause hammer failure and should never be allowed to enter a hammermill.

Visually examine mill to see if any internal parts show excessive wear. Repair or replace needed parts. These parts should include body, liner, rotor discs and holes in the discs that support the rods. Enlarged or elongated holes in the rotor discs can cause rods to break. Damage to the hammermill and/or personnel can result if rods, rod lock devices, hinges, or any wear part attached to the mill is not properly maintained. Bearings and motor alignment should also be checked along with mounting bolts to insure a firm foundation and reduced vibration.

Check and clean all magnets daily. If foreign material is found, the source of this material should be determined and eliminated. Another method of cleaning should be considered to insure complete removal. **Foreign material in a mill can cause sever damage** to hammers, screens, rods, and other parts. It may cause part and subsequent hammermill failure.

When installing or changing hammers, be sure to follow directions on the installation diagram. If the hammers being installed have been balanced by rod, carefully follow the color coding or other instructions. Misplacement could cause excessive vibration. After installing a new set of hammers or turning a corner, watch for unusual or **excessive vibration** upon start up of the hammermill. If any occurs, **immediately shut off the power.** Check to see what is wrong and correct it before starting the mill again. Do not mix hammers from two different sets. Hammers are usually balanced per rod and not per hammer. Do not turn two hole hammers, end for end, if the hammers have excessive wear. There may not be enough metal to support them and breakage could occur.

ALWAYS WEAR SAFETY GLASSES when hammers are being installed, changed from one corner to another, or removed. **Do not hit hammers** during any of the above processes. Striking a hammer may cause particles to fly-off and become a safety hazard.

**IF YOU DO NOT UNDERSTAND ANY OF THIS SAFETY INSTRUCTION STATEMENT,
CALL JACOBS CORPORATION.**

1-800-831-2005 (USA-Canada) 1-712-755-3131 (Other Countries)

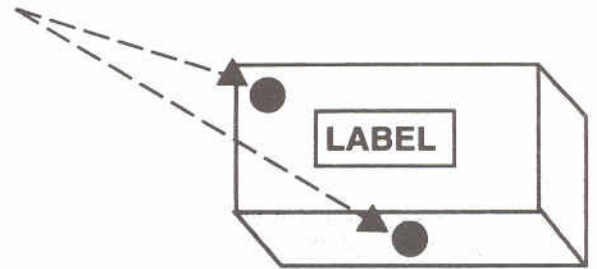


CAUTION: READ ALL INSTRUCTIONS

- Verify box or boxes of hammers to equal complete set.
- Check parts to verify size and quantity is correct prior to installation.
- These hammers have been *balanced & color coded* to reduce vibration. To maintain the balance, hammers must be installed following the sequence below.

To save you freight and handling, a single set of hammers may be shipped in several boxes. Boxes will be color coded in two locations.

A complete set of hammers will consist of boxes marked the same color code.



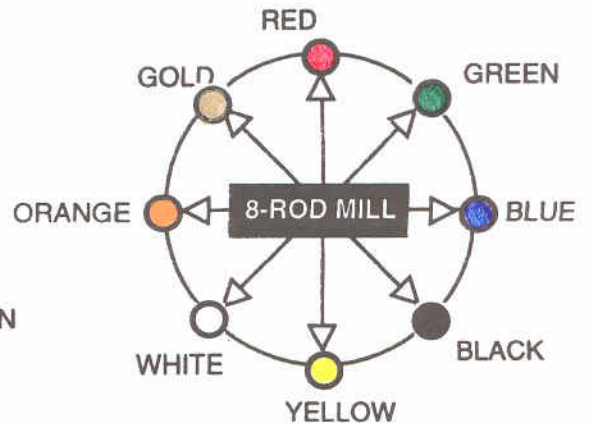
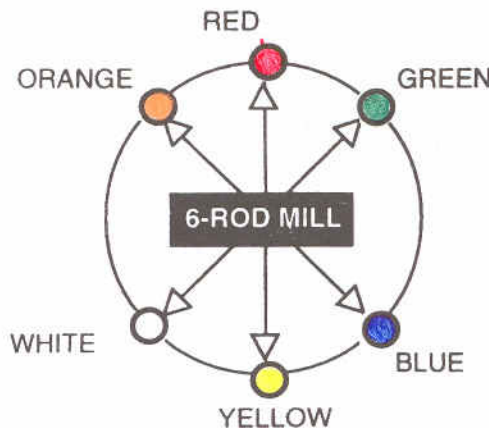
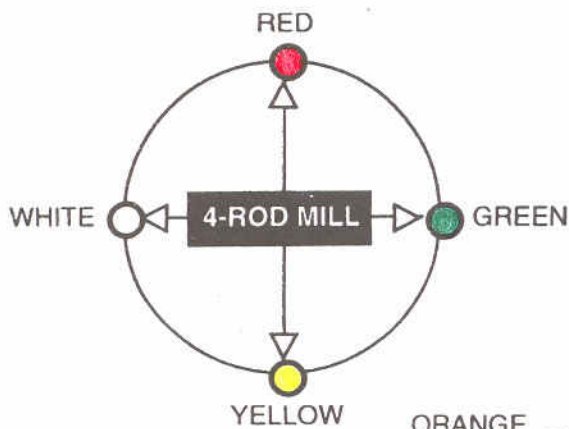
COLOR LEGEND:

Hammers are balanced =

RED
BLUE
GREEN
BLACK

opposite
" "
" "
" "

YELLOW
ORANGE
WHITE
GOLD



ISO 9001:2000 CERTIFIED

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