

## REPLACING FRONT BEARINGS ON A BC-1 & BC-2

IN 2018 THE FRONT BEARINGS ON THE BC-1 THROUGH BC-5 WERE CHANGED FROM SEALED BEARINGS TO OPEN BEARINGS THAT REQUIRE GREASING EVERY OTHER MONTH. WHILE SEALED BEARINGS ARE EASY TO DEAL WITH MAINTENANCE WISE AS THEY DO NOT NEED GREASED THEY TEND TO DRY OUT AND NEED REPLACED EVERY YEAR OR SO DUE TO HIGH HEAT. SO BY REPLACING THE SETUP ON THE BC-1 THRU 5 YOU NOW NEED TO GREASE BEARINGS EVERY OTHER MONTH OR EVERY 150 HOURS OF USE (WHICHEVER COMES FIRST). BUT THE BENEFIT TO OPEN BEARINGS IS IF PROPERLY MAINTAINED THEY MAY LAST TWICE AS LONG OR LONGER THE SEALED BEARINGS.

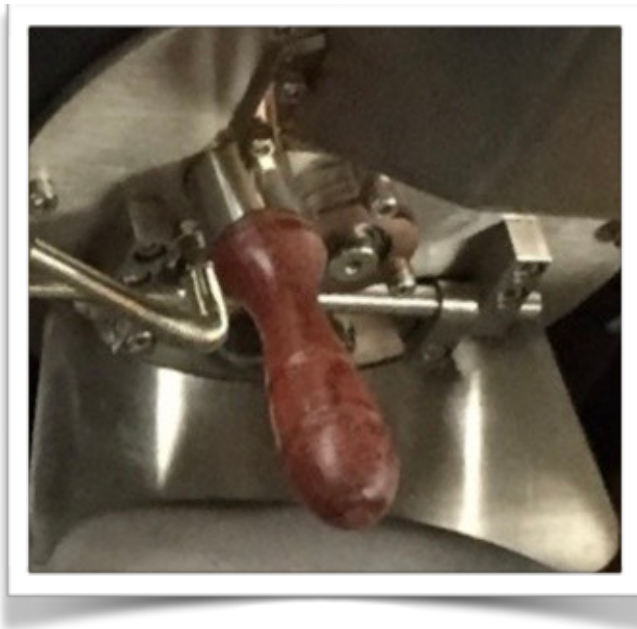
### HERE ARE SOME BASIC TIPS WHEN TIME COMES TO CHANGE A FRONT BEARING:

1. DO NOT WAIT FOR A BEARING TO SEIZE UP BEFORE REPLACING AS IT WILL BECOME MUCH HARDER TO REMOVE. WHEN BEARING STARTS MAKING A SQUEAKING OR RUBBING SOUND BE READY TO REPLACE RIGHT AWAY.
2. ALWAYS KEEP SPARE BEARINGS ON HAND SO YOU CAN REPLACE AT THE FIRST SIGN THAT THEY ARE DRYING OUT IF SEALED TYPE. IF OPEN TYPE BY GREASING WITH HIGH TEMPERATURE FOOD GRADE GREASE YOU SHOULD NOT NEED TO REPLACE AS SOON UNLESS NOT PROPERLY PACKED WITH GREASE BY-MONTHLY.
3. TO REPLACE FRONT BEARING YOU WILL NEED TO USE A BEARING PULLER TO EVENLY PULL BEARING OFF SHAFT. FIRST USE PENETRATING LUBRICANT (NOT WD40). SPRAY AND LET SET FOR SEVERAL MINUTES.
4. ATTACHED BEARING PULLER TO BEARING HOLDER SO THAT BY TIGHTENING PULLER YOU PULL BEARING FROM SHAFT EVENLY:



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5. THERE ARE A COUPLE TYPES OF BEARING HOLDERS ON THE BC-1 & 2:



**NEW TYPE BEARING HOLDER DESIGNED TO HOLD OPEN BEARING AS IT HAS A COVER THAT HODS GREASE IN:**



**6. ONCE BEARING IS REMOVED USING BEARING PULLER YOU MAY NEED TO USE A SAND BLOCK AND OR STEEL WOOL TO SMOOTH SURFACE OF SHAFT SO THAT BEARING WILL SLIDE ON EASIER. BE SURE TO WIPE COMPLETELY CLEAN AND REMOVE ALL METAL SHAVINGS OR METAL DUST THAT RESULTS FROM SANDING OR STEEL WOOL.**



## REPLACING FRONT BEARINGS ON A BC-1 & BC-2

7. PUT BEARING INTO BEARING HOLDER AND GENTLY PUSH ONTO SHAFT. IF NEEDED YOU MAY USE A RUBBER Mallet TO TAP ON GENTLY. ALSO A BLOCK OF WOOD MAY BE PLACED BETWEEN Mallet AND BEARING HOLDER:

(ILLUSTRATION WITH OPEN DRUM JUST TO DEMONSTRATE METHODS)



8. ONCE BEARING IS ON MOST OF THE WAY YOU CAN USE THE 3 BOLTS THAT HOLD BEARING HOLDER TO FRONT PLATE OF DRUM TO EVENLY TIGHTEN TO BALANCE BEARING AS IT IS PULLED THE REST OF WAY TO FRONT PLATE OF ROASTER. YOU MAY BE ABLE TO PUT THE FRONT BEARING COVER ON BEFORE OR DURING THIS PROCESS OF TIGHTENING BEARING TO FRONT PLATE.

## REPLACING FRONT BEARINGS ON A BC-1 & BC-2



**BY EVENLY TIGHTENING THE 3 BOLTS THAT PULL HOLDER & BEARING TO FRONT PLATE IT WILL WORK LIKE A BEARING TOOL TO PULL BEARING INTO PLACE**

**9. NEXT YOU WILL NEED TO ADJUST THE ALIGNMENT OF DRUM TO NBE ABOUT 2MM FROM FRONT PLATE SO WHEN METALS ARE HEATED THEY DO NOT RUB AGAINST FRONT PLATE.**

**(SEE OUR PDF ON DRUM ALIGNMENT)**

**IF YOU HAVE AN OLDER BC-1 OR BC-2 YOU CAN UPGRADE YOUR BEARING HOLDER TO USE THE OPEN BEARINGS THAT CAN BE GREASED AT A REGULAR PARTS PRICE. CONTACT THE TECH DEPARTMENT FOR PRICING AND COST FOR OPEN BEARINGS.**

**HERE IS THE BRAND GREASE WE RECOMMEND FOR OPEN BEARINGS:**



BUY A 3 WAY LOADING GREASE GUN  
CLICK ON PICTURE TO BUY!

