

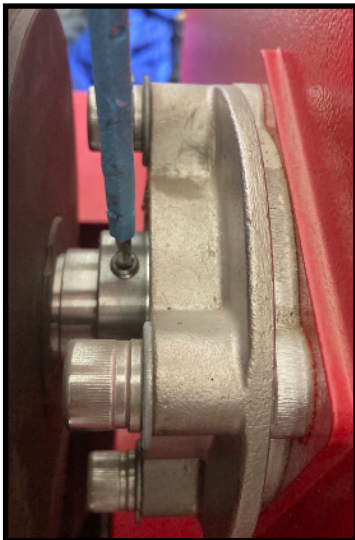
DRUM ALIGNMENT ON BC 3-35 2022 and older model roasters

THE FOLLOWING PICTURES AND DESCRIPTION ARE TAKEN FROM A 2022 BC-35 ROASTER WHICH HAS AN EXTREMELY HEAVY DOUBLE WALL DRUM. THE PROCEDURE WILL BE SOMEWHAT DIFFERENT ON 2022 AND OLDER BC-3.5 & 5 MODELS. (THE 2023 MODELS HAVE A NEW BEARING SYSTEM SO DRUM ADJUSTMENTS ARE DONE DIFFERENTLY)

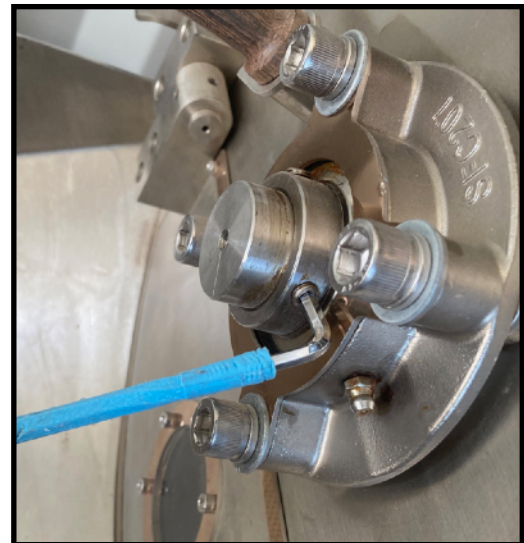
STEP 1: ON A BC-8-35 REMOVE THE BACK BELT COVER WHICH COVERS THE BACK BEARING ON ROASTER. NEXT CHECK TO SEE IF YOUR BEARING HAS THE 2 SET SCREWS ATTACHED (SOME DOUBLE WALL MODELS DO NOT HAVE THE BACK SET SCREWS SO YOU CAN SKIP THIS STEP.

IF YOUR BACK BEARING HAS THE 2 SET SCREWS LOOSEN THEM A FEW TURNS (DO NOT REMOVE)

IF NO SET SCREWS MOVE TO STEP 2



STEP 2: GO TO FRONT BEARING AND LOOSEN BOTH SET SCREWS ON IT SEVERAL TURNS USING A METRIC HEX KEY. (DO NOT REMOVE SET SCREWS)



STEP 3: YOU ARE NOW READY TO ADJUST DRUM: IF DRUM HAS MOVED TOO CLOSE TO FRONT PLATE AND WHEN HEATED RUBS AGAINST FRONT PLATE THEN IT NEEDS MOVED ABOUT 3MM FROM FRONT PLATE WHEN METALS ARE COOL.

STEP 4: BECAUSE ON THE BIGGER ROASTERS THE DRUMS ARE VERY HEAVY YOU MAY NOT BE ABLE TO PUSH OR PULL THEM BY HAND. IF THAT IS THE CASE YOU WILL NEED TO USE LEVERAGE. TO PUSH A HEAVY DRUM APART FROM FRONT PLATE YOU VAN USE A SMALL 2X4 WOOD PIECE TO SPACE BETWEEN DRUM AND HAMMER AND TAP DRUM APART.

ONCE TAPPED AWAY FROM FRONT PLATE INSERT A 2.5MM OR 3MM HEX KEY BETWEEN FRONT PLATE AND DRUM AND THEN PULL DRUM TIGHTLY AGAINST HEX KEY THEN TIGHTEN.



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STEP 5: IF YOU ARE UNABLE TO PULL A HEAVY DRUM AGAINST THE FRONT PLATE WITH HEX KEY YOU MAY NEED TO USE LEVERAGE TO PUSH IT AGAINST FRONT PLATE.

IF THIS IS THE CASE GET A **LARGE CROW OR PRY** BAR SUCH AS SEEN IN PICTURE AND LODGE IT BETWEEN THE BACK DRUM SHAFT AND BACK CONTROL PANEL CASING AND PUSH UNTIL IT MOVES DRUM AGAINST FRONT PLATE AND HEX KEY.



PRY BAR EXAMPLE:



STEP 6: ONCE THE INSERTED 2.5MM HEX KEY IS TIGHTLY PRESSED TO FROM PLATE BETWEEN DRUM TIGHTEN ALL THE SET SCREWS ON THE BEARINGS (BOTH FRONT AND IF YOU HAVE BACK SET SCREWS TIGHTEN THESE AS WELL)

STEP 7: NOW BEFORE DOING A ROAST GIVE ROASTER A HEAT TEST TO MAKE SURE WHEN DRUM METALS EXPAND THAT THEY DO NOT RUB AGAINST FRONT PLATE.

BE VERY CAREFUL NOT TO STRIP THE SET SCREWS AS THEY ARE NOT EASILY REPLACED AND MAY REQUIRE A COMPLETE BEARING REPLACEMENT

ONLINE VIDEOS TO HELP YOU WITH DRUM ALIGNMENT ON MODELS FROM 2015-2022:

BC-3 & 5 (until 2023)

<https://youtu.be/AIDxZCXppsU>

BC8 -25:(single wall and older models: Double wall models may or may not have the back set screws)

<https://youtu.be/uQu93WXtXOY>

