



SERVICE BULLETIN

FRONT BEARING HOUSING AND BELT REPLACEMENT FOR HI SPEED BURNISHERS

1. TOOL REQUIRED FOR CHANGING FRONT BEARING:
 - (a) TWO PIECES OF 2X4 APROX. 24 INCHES LONG.
 - (b) 9/16 BOX WRENCH.
 - (c) 9/16 SOCKET AND RATCHET
 - (d) BALL PEEN HAMMER.
 - (e) PHILIPS SCREWDRIVER
2. UNPLUG MACHINE AND TIP BACK SO HANDLE SWITCH BOX IS ON THE FLOOR.
3. REMOVE THE PAD FROM THE PAD DRIVER, NOW REMOVE THE THREE SCREWS AND REMOVE THE PAD CENTERING CLAMP.
4. REMOVE THE SIX SCREWS AND REMOVE THE PAD DRIVER.
5. LOOSEN (4) 9/16 MOTOR MOUNTING BOLTS; NOW LOOSEN THE (2) 7/16 BELT TENSIONING BOLTS.
6. SLIDE MOTOR FORWARD AND REMOVE BELT FROM MOTOR PULLEY ONLY.
7. TIP THE MACHINE TO ITS NORMAL POSITION, AND REMOVE THE (3) PHILIP SCREWS THAT RETAIN THE PLASTIC COVER OVER THE FRONT BEARING HOUSING.
8. REMOVE THE (4) 9/16 NUTS THAT SECURE TOP AND BOTTOM HOUSINGS TOGETHER.
9. NOW YOU WILL NEED THE (2) PIECES OF 2X4X24"L.
10. PLACE ONE OF THE 2X4s UNDER THE FRONT OF THE BRUSH COVER AND THE OTHER TO THE REAR JUST IN FRONT OF THE WHEELS, THIS WILL ALLOW ROOM FOR THE BEARING HOUSING ASSY. TO COME OUT THE BOTTOM.

(HINT)

Using propane torch on med. Flame heat around the upper bearing cavity area. This will expand the bearing cavity area and aid in the removal of the bearing assembly.

11. NOW WITH A BALL PEEN HAMMER HIT THE BLACK DRIVER AND DRIVE THE ASSY. OUT THE BOTTOM.
12. ONCE THE BEARING ASSY. IS REMOVED REASSEMBLE IN THE FOLLOWING ORDER:
13. POSITION THE BELT AROUND THE FRONT PULLEY.
HINT: PLACE RUBBER BAND AROUND THE BELT AS SHOWN TO INSURE THE BELT REMAINS ON PULLEY DURING THE ASSEMBLY PROCESS.
14. POSITION THE (4) BOLTS TO THE NEW BEARING HOUSING ASSEMBLY.
15. POSITION THE BRUSH COVER TO THE BEARING HOUSING ASSY.
16. PLACE THE (4) PLASTIC SPACERS OVER THE BOLTS.
17. NOW LIFT THE FRAME AND POSITION ON THE NEW BEARING ASSEMBLY.
18. NOW YOU SHOULD HEAT THE TOP BEARING HOUSING (BLACK) TO EXPAND THE BEARING CAVITY, THEN POSITION TO THE NEW BEARING ASSY.

HINT: NOTE THE ORIENTATION OF THE (3) 10-24 SCREW HOLES ON THE (BLACK) BEARING HOUSING SO THE DECAL IS IN THE PROPER POSITION BEFORE YOU POSITION IT TO THE NEW ASSY.
19. POSITION THE HEATED BEARING HOUSING TO THE NEW HOUSING AND TAP THE (BLACK) BEARING HOUSING TO SEAT, INSTALL THE NUTS AND TIGHTEN DOWN EVENLY.
20. POSITION (3) SPACERS TO BEARING HOUSING ASSEMBLY, PLASTIC DRIP COVER AND (3) PHILIPS SCREWS.
21. REINSTALL PAD DRIVER, PAD CENTERING CLAMP AND PAD.

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