Tire Glaze Retrofit

Service Manual

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RETROFIT
PARTS REQUIRED

WHEEL BRUSHES
SPINDLES
COVERS WITH CHEMICAL APPLICATOR PLUMBING
¼ - 20 ALLEN HEAD BOLTS
¼ x ¾” SS SELF TAPPING SCREWS
HOSE CLAMPS
3/8-16x1 BOLTS
2 BRUSH STOPS WITH ANCHORS
2 90 DEGREE GREASE FITTINGS
• USING 3/32 ALLEN WRENCH, REMOVE 2 BEARING COLLAR SET SCREWS FROM BEARING AT ENTRANCE END.
• USE A 9/16 WRENCH AND A PIPE WRENCH.
• USE PIPE WRENCH TO KEEP SHAFT FROM SPINNING AND REMOVE BOLTS FROM BRUSH SPINDLE ON EXIT END.
• ONCE BOLTS ARE REMOVED, PULL OUT BRUSH.
• PULL BRUSH SPINDLE OUT OF ENTRANCE END BEARING.

• REMOVE SPINDLE FROM ENTRANCE END OF BRUSH.
REMOVE CHEMICAL SUPPLY LINE

REMOVE SUPPORT BRACKET
• USING A 1/8 ALLEN WRENCH, REMOVE SPLIT COLLAR SUPPORT BRACKET FROM FRAME AND REMOVE MANIFOLD PIPE.
• CUT OFF WELDED SPLIT COLLAR BRACKET & GRIND SMOOTH.
NOTE: EXTEND ARM TO AVOID CUTTING NEEDLE VALVE.

- FIND CENTER LINE OF 2” SQUARE TUBE. CUT AND REMOVE A 4” SECTION (2” EACH SIDE OF CENTER) TO ALLOW FOR NEW MANIFOLD.
• REMOVE EXIT END SPINDLE FROM OLD BRUSH. APPLY ANTI SEIZE ON SHAFT.
• INSTALL SPINDLE INTO ENTRANCE END BEARING – DO NOT TIGHTEN SET SCREWS.
• MAKE SURE BEARING SET SCREWS ARE ON THE BRUSH SIDE.
• INSTALL A 90° DEGREE GREASE FITTING WHEN APPLICABLE.
- APPLY ANTI SEIZE TO BOLTS AND MOUNT EXIT & ENTRANCE END OF BRUSH TO SPINDLES.
- TIGHTEN BOLTS ON FLANGE AND SET SCREWS ON BEARINGS.
- GREASE BEARINGS AND CHECK COUPLER.
• PLEASE MAKE SURE TO CHECK ALL SET SCREWS ON BEARINGS AND BOLTS ON FLANGE ARE TIGHTENED.
• REINSTALL BEARING AND MOTOR COVER
• MOUNT COVER - DRILL AND TAP NEW HOLE, PUT ON RIGHT SIDE OF COVER.
BOLTS USED ARE ¼ - 20
- DRILL AND TAP NEW HOLES ¼ - 20 THREADS.
  BOLTS USED ARE ¼ - 20 X 3/4 "
• INSTALL BRACKET USING ¼ X ¾ SS SELF TAPPING SCREWS.
USE EXISTING CLAMPS.
1) MOUNT BRUSH STOPS WHERE CYLINDER IS 1” FROM BEING FULLY SEATED.
2) ALIGN STOP AS CLOSE TO CENTER AS POSSIBLE.
3) ALIGN STOP AS TO NOT INTERFERE WITH HOSE.
• ADJUST CHEMICAL FLOW AT PUMP TO MINIMUM FEED.
• THE BRUSH WILL GET MORE SATURATED WITH CHEMICAL THE MORE WASHES YOU DO.