

PWC-2900A ASSEMBLY INSTRUCTIONS

1) REMOVE ACCESS COVER FROM SIDE OF MACHINE

2) REMOVE TOWER PIVOT PIN AND SET TOWER IN PLACE. BE SURE SMALL PLASTIC HOSE IS PROPERLY ROUTED INTO CAVITY OF MAIN HOUSING.

INSTALL PIVOT PIN AND SECURE WITH WASHERS AND BOLTS SUPPLIED.

3) EXTEND TOWER CONTROL SHAFT. ALIGN HOLE AT TOP OF TOWER SHAFT WITH BRACKET AT BOTTOM OF TILT ARM. INSTALL SUPPLIED PIN AND ATTACH SNAP RING FOR SECURITY.

4) INSTALL BOTH TOWER STOPS TO LIMIT TOWER MOVEMENT.

5) ATTACH SMALL PLASTIC HOSE FROM TOWER TO "T" JUNCTION INSIDE MAIN BODY. [FIG.1]

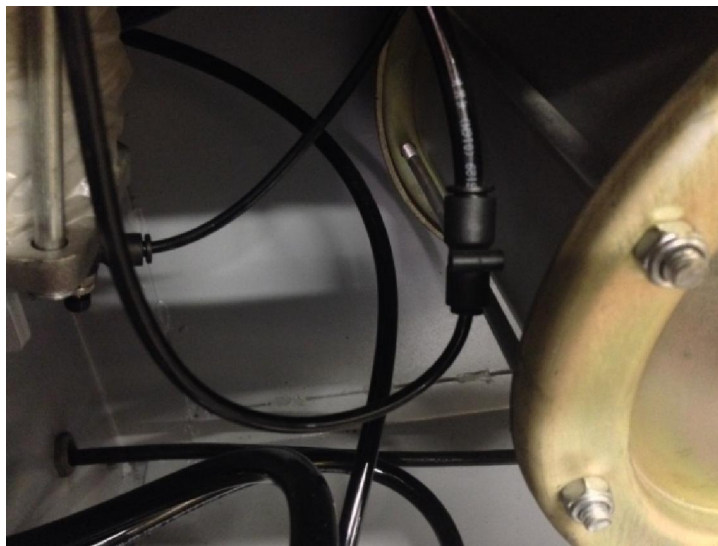


FIGURE 1

6) INSTALL LONG PLASTIC COVER OVER UPPER ARM MECHANISM. SECURE WITH MACHINE SCREWS AND PLASTIC SPACERS SUPPLIED. (2 SHORT AND ONE LONG)

7) SLIDE COIL SPRING ONTO HEX SHAFT AND SECURE WITH BLACK CAP AND 8MM X 1.25 ALLEN BOLT.

8) MOUNT AIR TANK TO REAR OF MAIN BODY. ATTACH TWO 13MM PLASTIC AIR HOSES (THEY CAN PLUG IN TO EITHER CONNECTOR) TO TANK FROM INSIDE MAIN BODY CAVITY.

9) INSTALL AIR REGULATOR / OILER. ATTACH TWO 8MM PLASTIC AIR HOSES TO REGULATOR. UNSCREW OIL RESERVOIR AND FILL HALF WAY WITH LIGHT OIL. REATTACH RESERVOIR MAKING SURE THAT "O" RING IS SEATED.

10) INSTALL AIR INFLATER BOX WITH GAUGE TO AIR TOWER. ATTACH 8MM PLASTIC AIR HOSE TO NIPPLE AT RIGHT REAR CORNER OF MAIN BODY.

11) INSTALL BEAD BREAKER ARM. ATTACH RETURN SPRING. TIGHTEN NYLOC NUT HALF WAY UP THREADS.

12) INSTALL PLASTIC AROUND BOTTOM OF TILT ARM.

AL 320B ASSIST ARM

1) MOUNT TOWER TO MAIN BODY OVER THE TOP OF THE BEAD BREAKER ARM.

INSTALL SPACER (SMALL 1/4" STEEL PLATE WITH HOLE IN ONE CORNER) BETWEEN

TOWER BASE AND BEAD ARM BOSS. (NOTE: ONLY ONE LONG BOLT THROUGH SPACER BRACKET IS NECESSARY.) [FIG.2]



FIGURE 2

ATTACH STABILIZER BRACKET FROM MACHINE BODY TO ASSIST TOWER. ATTACH PLASTIC AIR HOSE AIR HOSE. [FIG.3]

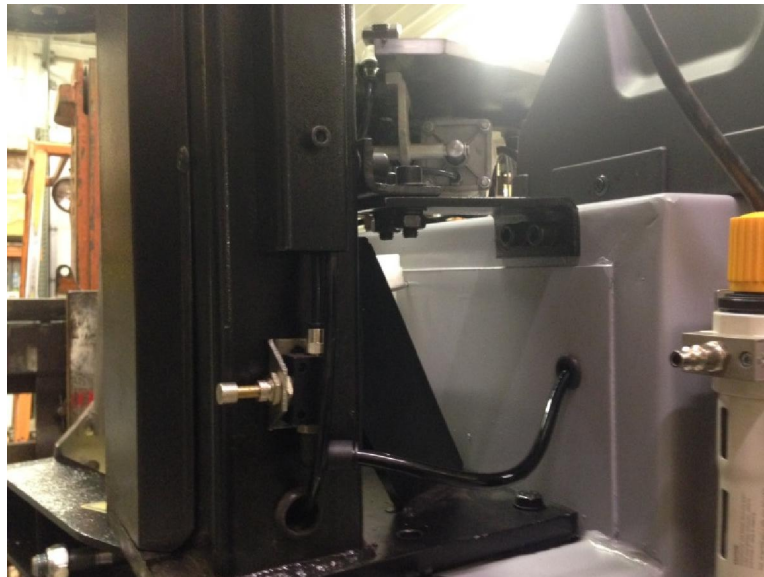


FIGURE 3

2) ATTACH STRAIGHT ARM WITH CONTROL TO TOP SEGMENT OF MOUNTING BOSS , BY SLIDING SHAFT WITH THREE HOLES THRU "U " SHAPED SQUARE OPENING AND INTO THE HOLE AT THE END OF THE ARM (BE SURE THAT THE OPEN END OF SHAFT IS FACING DOWNWARD). MOUNT THE STRAIGHT SHAFT WITH THE UP CURVE IN THE NEXT OPENING.

SECURE WITH BOLTS IN THE TOP TWO HOLES. BRING THE SHAFT FROM THE AIR PISTON UP INTO THE THIRD HOLE, ALIGN AND INSTALL THIRD BOLT. [FIG. 4]



FIGURE 4

3) ATTACH CURVED ARM TO BOSS JUST BEHIND CONTROL UNIT. [FIG. 5]

4) ATTACH STRAIGHT ARM WITH BELL SHAPE AT END INTO BOSS HALF WAY DOWN THE TOWER. [FIG.5]

5) CONES WITH LONG OR SHORT SHAFT PLUG INTO CURVED ARM AT PIVOT END . [FIG. 5]

6) FLYING SAUCER MOUNTS ON LOWER ARM DOWN SHAFT. [FIG. 5]

7) BEAD ASSIST ADAPTER SCREWS INTO UNDERSIDE AT FAR END OF CURVED ARM. [FIG. 5]



FIGURE 5

ATTACH AIR HOSE AND CHECK ALL CONNECTIONS FOR LEAKS.

PLUG POWER CORD IN AND OPERATE ALL FUNCTIONS.

IF ALL CHECKS OK, REINSTALL ACCESS COVER.

NOTE !! IF TILT ARM BREAKS IN AND NOW MOVES BACK AND FORTH TOO RAPIDLY IT CAN CAUSE MACHINE DAMAGE.

REMOVE ACCESS COVER AND ADJUST AIR CONTROLS AT EACH END OF THE TILT PISTON TO SLOW MOVEMENT OF THE TILT ARM. [FIG. 6] & [FIG. 7].



FIGURE 6

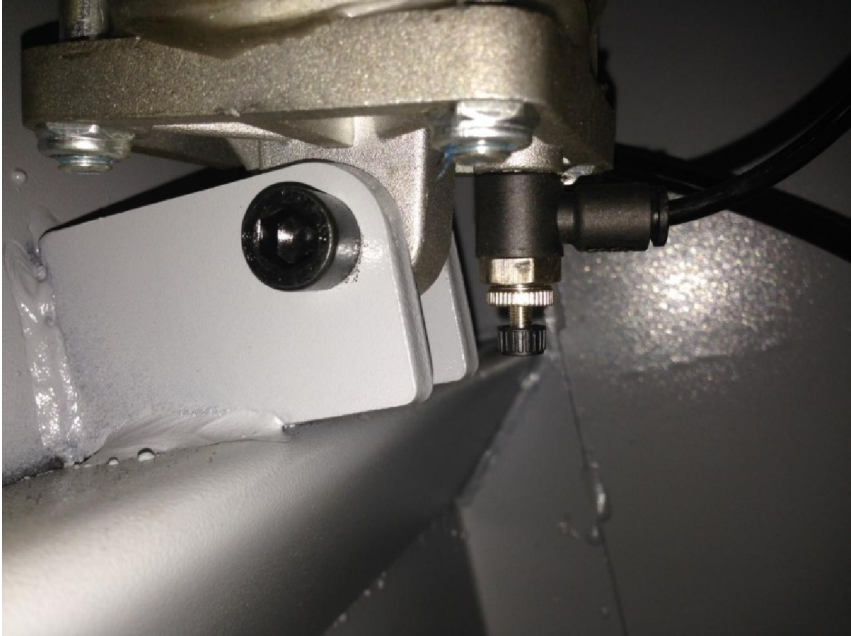


FIGURE 7