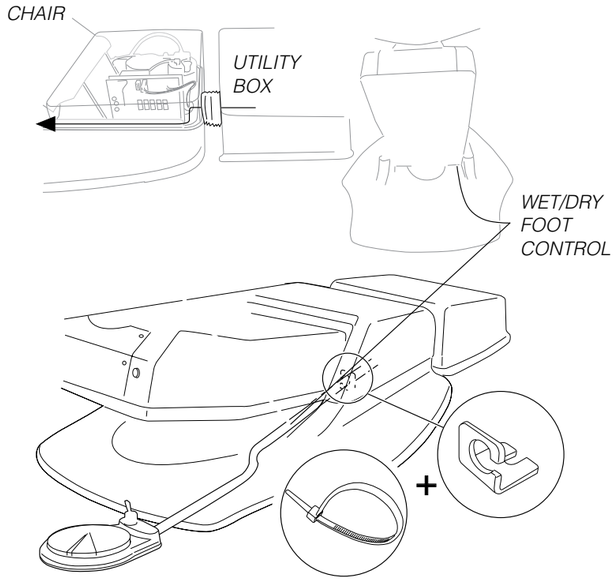
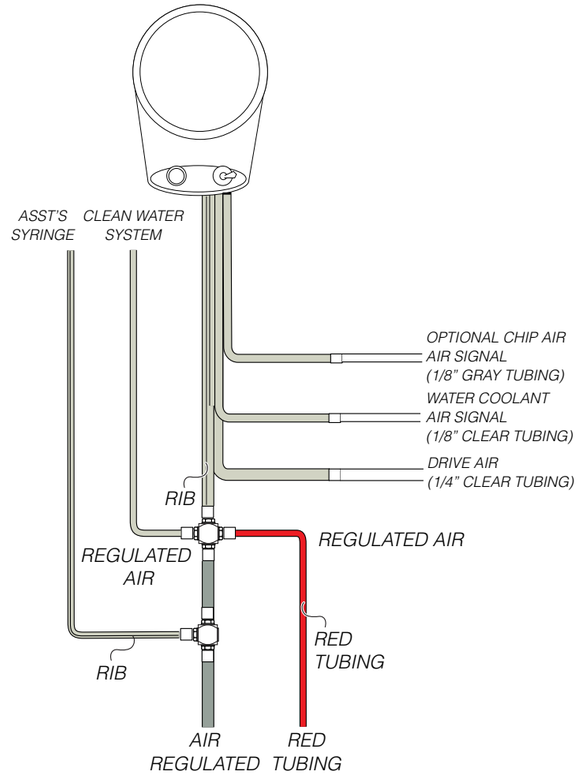
FOOT CONTROL INSTALLATION





NOTE: For tubing connections, refer to Utilities and Foot Control schematic.

ROUTING TUBING AND WIRES TO UTILITY CENTER

STEP 1: Route tubing and wires through spiral flex tubing into utility center (FIG. 1-1.2).

STEP 2: Reinstall chair covers by reversing steps 1-11 on pages 1 and 2.

FIG. 1:

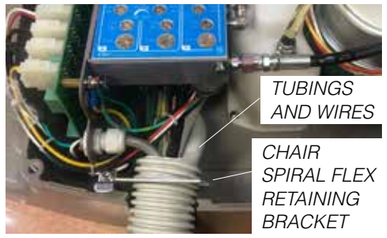


FIG. 1.2:

DTE OREGON, INC. DENTALEZ.COM
6200 NE Cherry Drive, Hillsboro, OR 97124 USA (TF) 800 . 423 . 3555 (T) 503 . 640 . 3012 (F) 503 . 693 . 9715

CE 0459

FUSION FIXED WITH SIDEBOX DELIVERY

Forest DENTALEZ

INSTALLATION INSTRUCTION

ALERT SYMBOL KEY

The safety notices associated with the following should be given special attention when they appear in maintenance, operating and emergency procedures in the guide.

⚠ *WARNING indicates that the personal safety of the patient, end user or technician could be compromised by disregarding the WARNING. Not following instructions may result in an injury.*

⚠ *CAUTION indicates that a particular procedure or precaution must be followed to avoid system irregularity or possible damage to the product.*

NOTE indicates special information to improve the ease of maintaining the product, or to clarify important information.

⚠ *CAUTION: To avoid electrostatic discharge (ESD) damage to electronics, always wear grounded wrist strap attached to a ground adapter (eg: Banana or Grounding plug) when handling circuit boards, chair controls, and cables or working in the area of electrical circuits.*

⚠ *CAUTION: Field modifications that alter the electrical and/or mechanical safety of Forest™ products conflict with agency construction file requirements and are not sanctioned by Forest.*

NOTE: Installation Verification: Refer to Operator's Guide and perform all operations. If operations performing as intended installation complete. If operations not performing as intended, review steps in installation instructions to confirm correct installation or call Technical Support at 800-423-3555.

Tools Required: Standard and Metric Hex Key Set, Torque Wrench with Sockets, Wrench Set, Flat Head Screwdriver and Nitrile Gloves.

REMOVING CHAIR COVERS

STEP 1: Position the chair's back and base in the fully up position.

STEP 2: Disconnect chair from mains power.

STEP 3: Using a 1/8" hex key, remove the screws (2) on the sides of the pump cover (FIG. 1).

STEP 4: Lift back corner and slide pump cover forward to disengage tabs from brackets and remove (FIG. 2-2.1).

STEP 5: Turn rear side covers (2) counter clockwise to remove and set aside (FIG. 3).

NOTE: Skip steps 5-11 if chair is pretubed and refer to the Fusion Pivot Chair Adapter, Delivery & Light Installation Instruction for delivery and light bearing assembly instructions.

STEP 6: Lift upper cantilever cover off the chair lift frame (FIG. 4-4.1).

STEP 7: Disconnect indicator wire connector by pressing the release clip (FIG. 5-5.1).

⚠ *CAUTION: A wire is connected to the indicator light. Be sure not to pull cover completely off before performing step 7.*

FIG. 1:

FIG. 2:

FIG. 2.1:

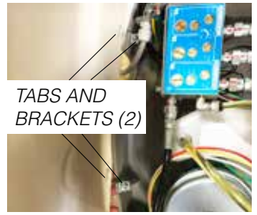


FIG. 3:

FIG. 4:

FIG. 4.1:

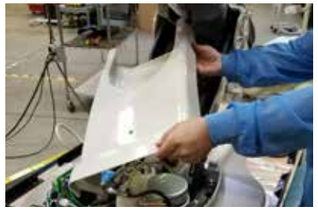


FIG. 5:

FIG. 5.1:

REMOVING CHAIR COVERS (CONTINUED)

STEP 8: Using a 5/32” hex key, remove the screws (2) on the side covers (FIG. 6).

STEP 9: Remove upper rear cover (FIG. 7).

⚠ *CAUTION: A wire is connected to the memory button. Be sure not to pull cover completely off before performing the next step.*

STEP 10: Disconnect the memory button wire connector by pressing the release clip. Remove upper rear cover (FIG. 8).

STEP 11: Using both hands, spread the safety stop plate and pull outward to lift cover over bolts (FIG. 8.1).

CHAIR ADAPTER INSTALLATION

STEP 1: Plug in chair to mains power.

STEP 2: Raise the chair base and back to full up position.

STEP 3: Route umbilical through umbilical guides.

❗ *NOTE: Skip chair adapter installation and chair umbilical installation if chair is pretubed.*

STEP 4: Position the chair adapter so that the lip of the chair rests underneath the lip of the washer. The mount will hold itself in place (FIG. 1).

STEP 5: Slide lip of the washer onto lip of the chair (FIG. 2).

STEP 6: Install the 15/16” mounting bolt loosely into the back of the mount and into the chair (FIG. 3).

STEP 7: Place a level on the chair adapter, parallel with and perpendicular to the chair center line (FIG. 4).

STEP 8: Verify the chair adapter is level (FIG. 5).

❗ *NOTE: If leveling is necessary, adjust the 3/16” set screws (3) until the unit chair adapter is level.*

STEP 9: Tighten 15/16” mounting bolt (55 foot-pounds).

❗ *NOTE: Verify steps 4, 5 and 6 after unit and light are installed. Re-level if necessary.*

CHAIR UMBILICAL INSTALLATION

STEP 1: Route umbilical between solenoid manifold and hydraulic fluid reservior (FIG. 1).

STEP 2: Route umbilical up into lift frame (FIG. 2).

STEP 3: Route umbilical through umbilical guides (FIG. 3).

STEP 4: Route umbilical through back of chair up into chair casting (FIG. 4).

STEP 5: Feed umbilical out of chair casting up into chair adapter (FIG. 5).

STEP 6: Feed umbilical through chair adapter lower opening. Route through, up and out the umbilical slot (FIG. 6).

FIG. 6:

FIG. 7:

FIG. 8:

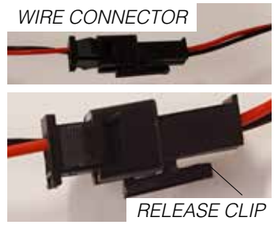


FIG. 8.1:

FIG. 1:

FIG. 2:

FIG. 3:

FIG. 4:

FIG. 5:

FIG. 1:

FIG. 2:

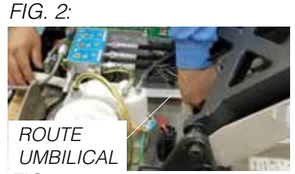


FIG. 3:

FIG. 4:

FIG. 5:

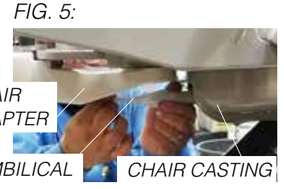


FIG. 6:

INSTALLING SIDEBOX DELIVERY

STEP 1: Using a 1/8” hex key remove sidebox side cover (FIG. 1).

STEP 2: Place sidebox on chair adapter over leveling socket.

STEP 3: Insert control/light post into leveling socket (FIG. 2).

STEP 4: Level post with bubble level and adjust leveling screws accordinly using a 5/32” hex key.

STEP 5: Slide decorative collar over post.

STEP 6: Install operatory light into light post. Route wire harness through and out post hole in the sidebox (FIG. 3).

STEP 7: Insert doctor’s delivery arm and umbilical into sidebox (FIG. 4).

STEP 8: Match and connect umbilical tubings, suction tubing, wire connectors and light harness with chair umbilical.

STEP 9: Remove end cap and adjust flex arm tension to obtain counter balance of doctor’s control head. Reinstall end cap (FIG. 5).

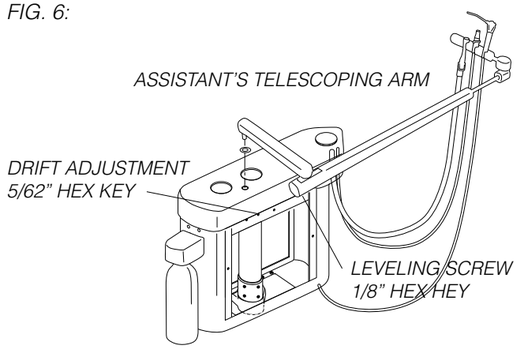
❗ *NOTE: When adjusted properly, the internal flex arm spring will retain the control head weight when the master switch is in the off position.*

STEP 10: Install the telescoping arm pin inside the 1/2” hole and hang the HVE, SE and syringe in the holder (FIG. 6).

STEP 11: If applicable install the cuspidor with bushing into the sidebox (FIG. 7).

STEP 12: Route and connect the drain tubing (FIG. 4).

FIG. 6:



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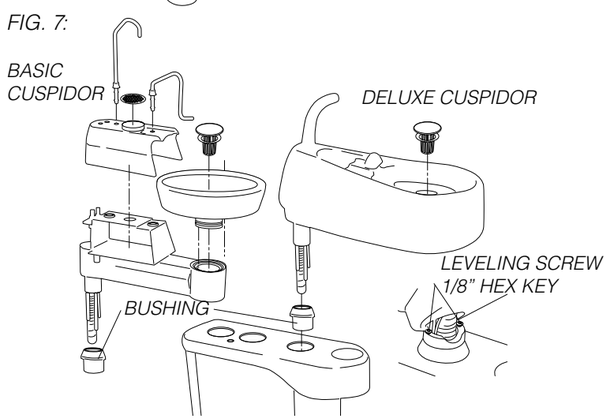


FIG. 1:

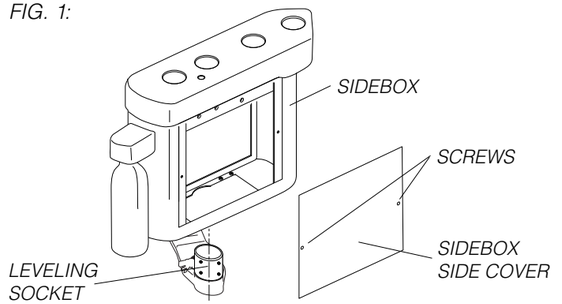


FIG. 2:

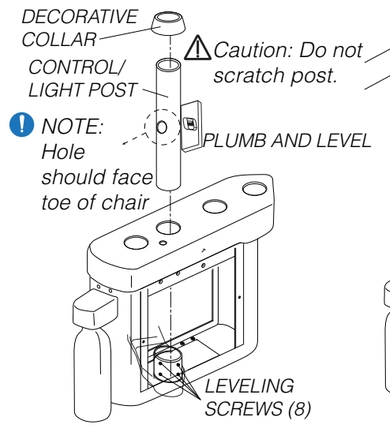
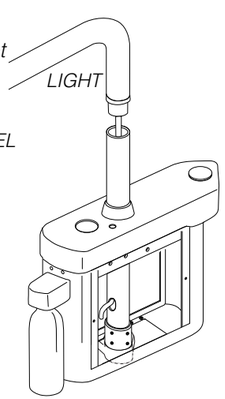


FIG. 3:



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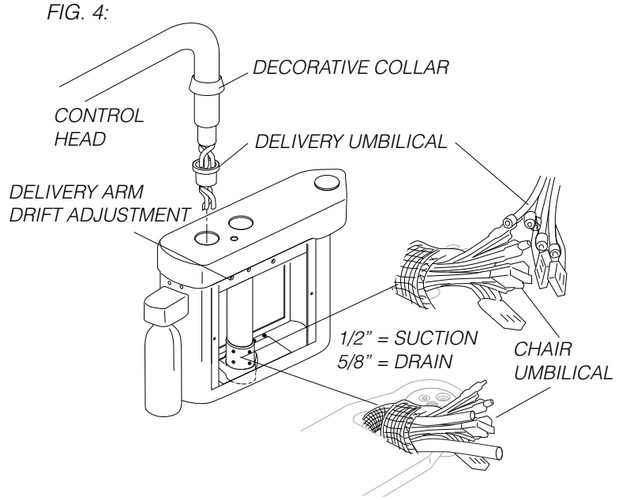
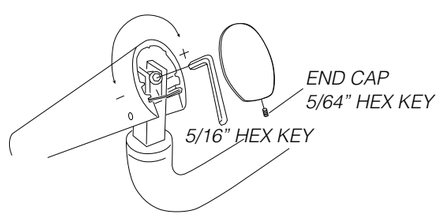
FIG. 5: