

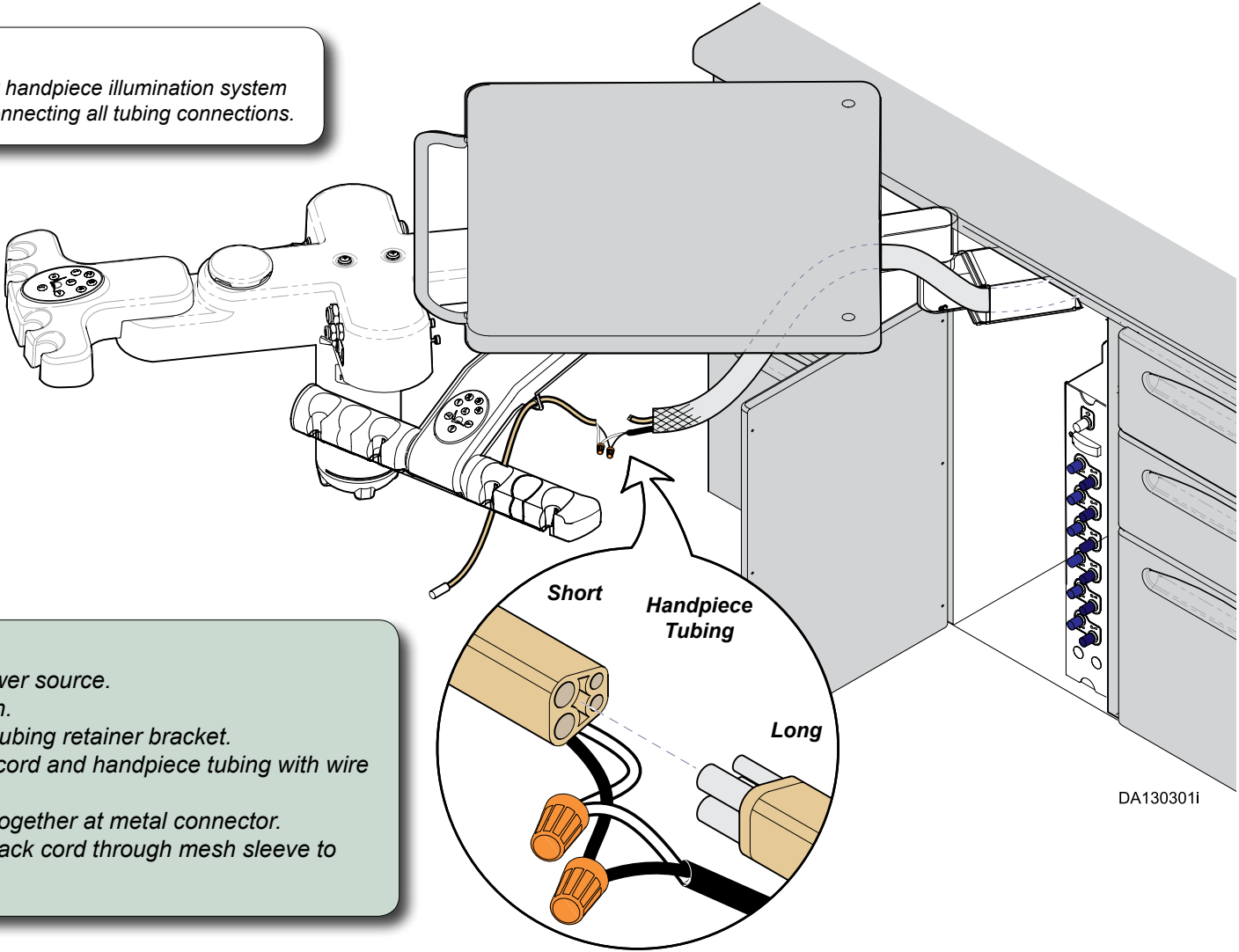
Handpiece Illumination System [153630 (-006 & -007)]

Applies to Models:
12:00 FSC Mounted Units

Language of origin: English

Note
For installation in 12:00 DSC mounted units.

Note
If there is an instrument installed where the new handpiece illumination system is being installed, remove from delivery by disconnecting all tubing connections.



- Step 1: Connections to delivery.**
- A) Turn off all electrical power at the main power source.
 - B) Turn off air supply at delivery master switch.
 - C) Route short handpiece tubing thru hole in tubing retainer bracket.
 - D) Connect black and white wires from black cord and handpiece tubing with wire nuts, black to black and white to white.
 - E) Connect short and long handpiece tubing together at metal connector.
 - F) Route long end of handpiece tubing and black cord through mesh sleeve to control box.

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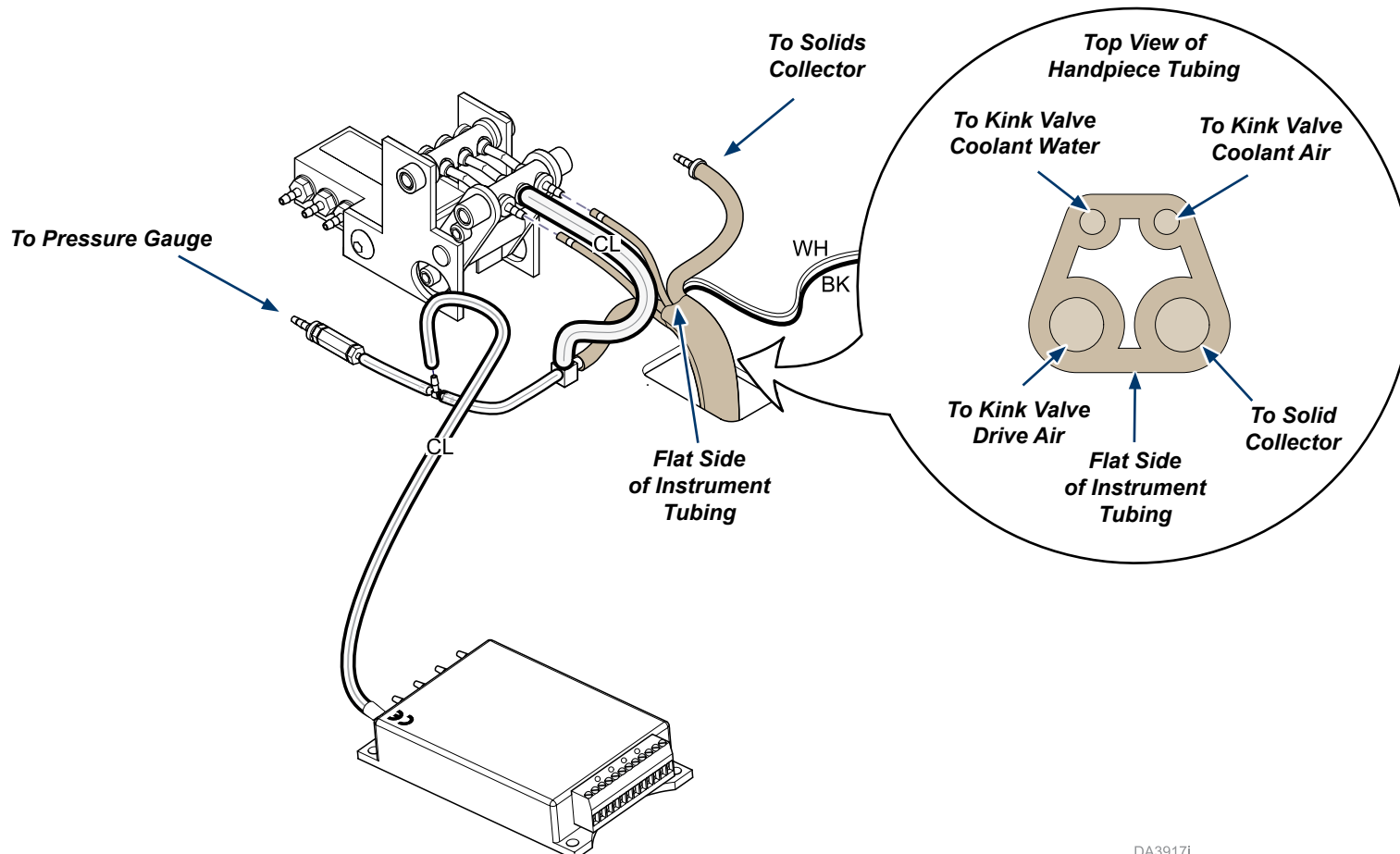
TP201 Rev. A

Step 2: Tubing connections in control box.

- A) Remove control box cover.
- B) Install instrument tubing to kink valve with flat side up.
- C) Connect 1/8" handpiece tube (right side of drive air) to coolant air on kink valve.
- D) Connect 1/8" handpiece tube (left side of drive air) to coolant water on kink valve.
- E) Connect 1/4" clear tube (with "T" from handpiece tubing) to drive air on kink valve.
- F) Connect plain clear tube from "T" on to 1st position on power pack.
- G) Connect barbed fitting on handpiece tube to clear tube coming from the solids collector.
- H) Connect check valve (on end of clear tube with "T") to pressure gauge clear harness.

Note: For two or more illuminated handpiece connections on the same unit, going left to right while facing front of delivery, use the following recommended tubing colors coming from umbilical for the same connections.

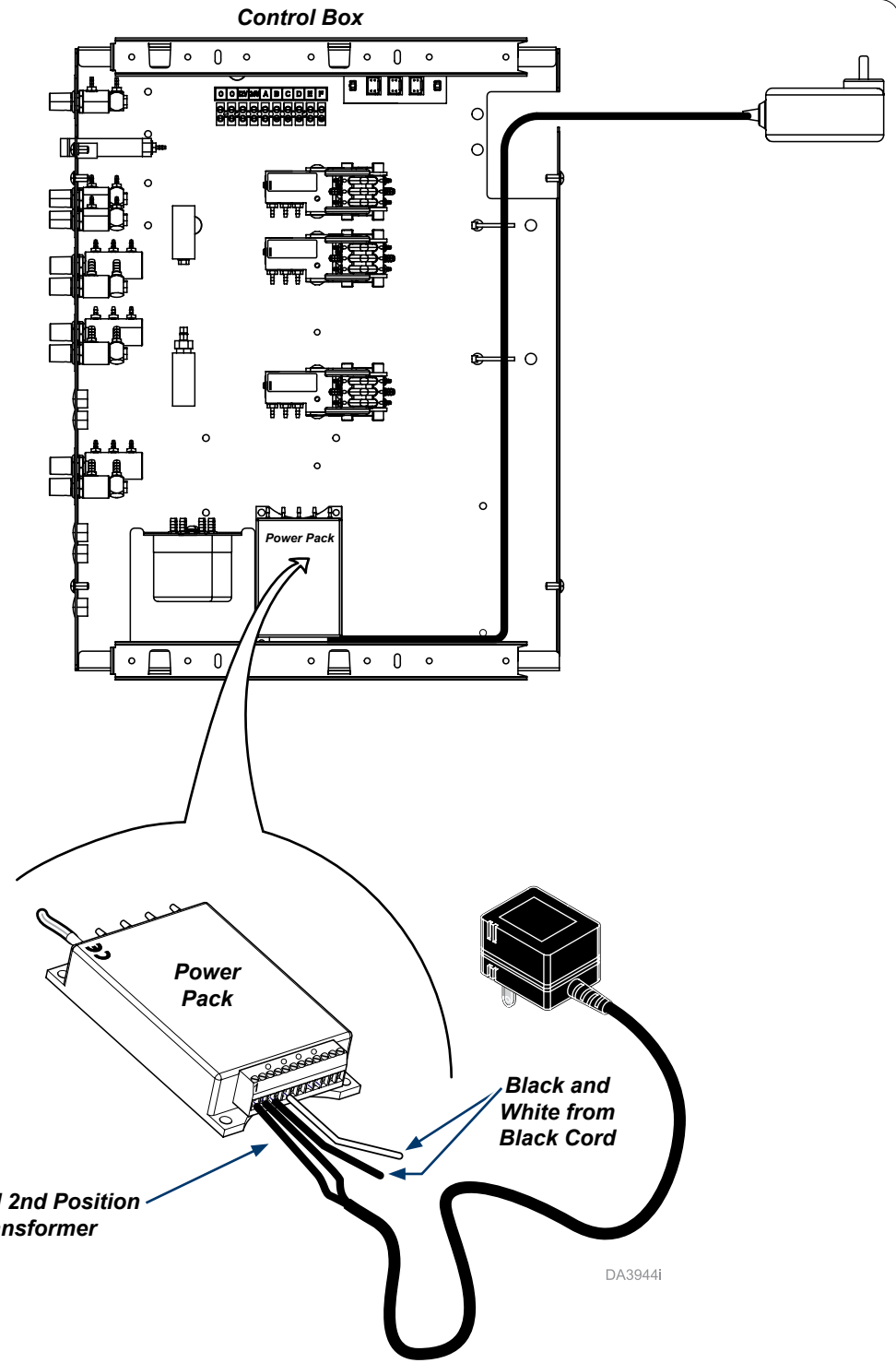
Position 1 - Clear
Position 2 - White
Position 3 - Green



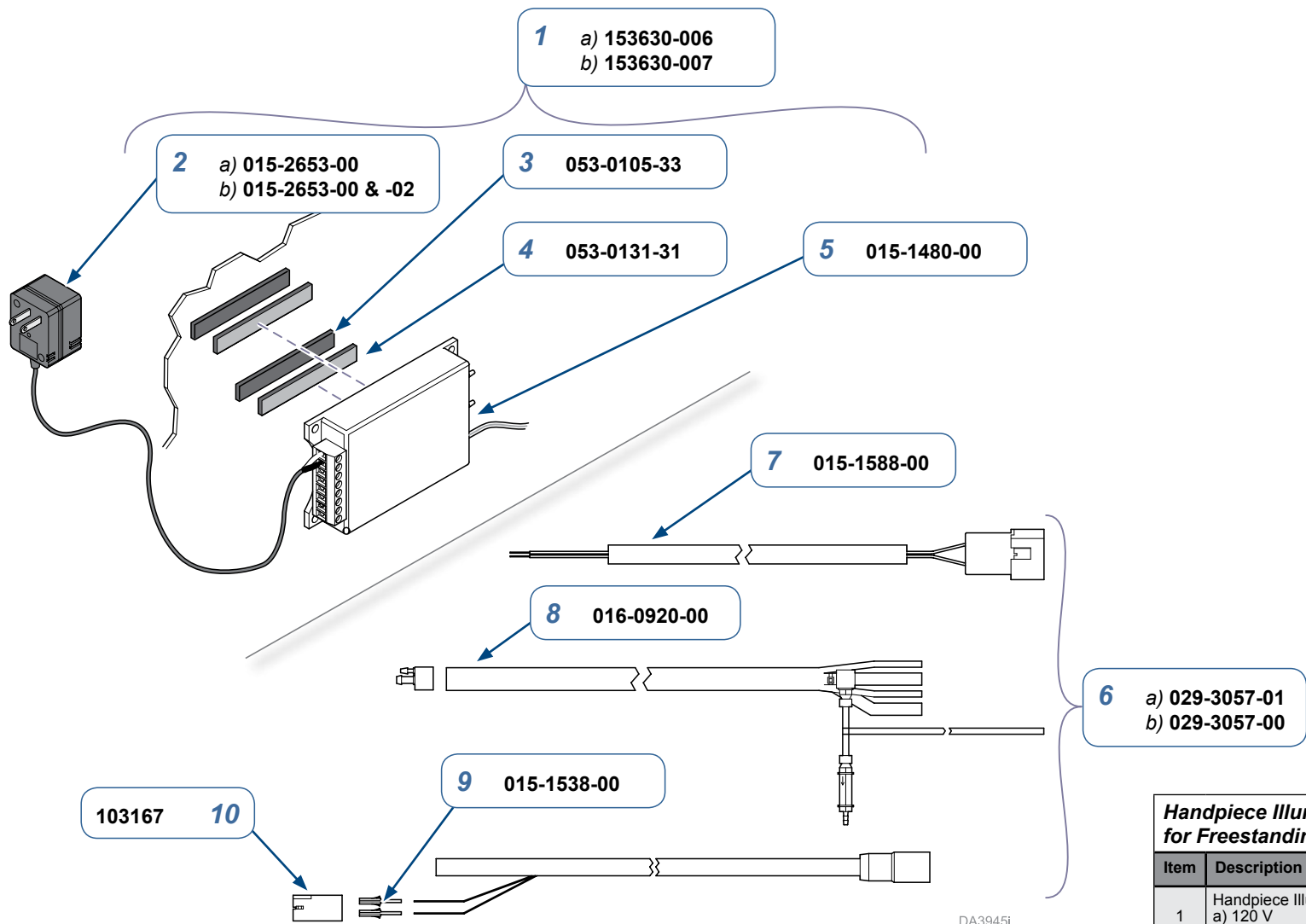
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Step 3: Wire connections in control box.

- A) Connect transformer wires at 1st and 2nd screw positions on power pack.
- B) Connect black wire from black cord to 3rd screw position on power pack.
- C) Connect white wire from black cord to 4th screw position on power pack.
- D) Apply velcro hook and loop to power pack and space control box.
- E) Install power pack inside control box.
- F) Close unit. Connect power and air supply.
- G) Test new instrument. Installation is complete.



TP201 Rev. A



| Handpiece Illumination System for Freestanding Casework Mtd. Units | | |
|---|--|------|
| Item | Description | Qty. |
| 1 | Handpiece Illumination System a) 120 V b) 230V | 1 |
| 2 | • Transformer a) 120V b) 230V | |
| 3 | • Velcro - Loop | 2 |
| 4 | • Velcro - Hook | 2 |
| 5 | • Power Pack | 1 |
| 6 | • Hand piece Tubing (includes items 6 thru 10) a) w/ Lamp (<i>Lamp is part of Tubing</i>) b) ISO-C (<i>Lamp is Not part of Tubing</i>) | AR |
| 7 | • Wiring Harness | 1 |
| 8 | • Tubing Connector | 1 |
| 9 | • Terminal | 2 |
| 10 | • Wire Connector | 1 |
| 11 | <i>Not Shown</i> • Cable Tie | 10 |

Serial Numbers / Dates:

all