



Cavitron G139 Scaler 360° Replacement Kit Installation Guide (for Procenter 12:00 Delivery Units)

Applies to Models:
153959-006 ... Cavitron G139 Scaler 360°

Special Tools:
none

Language of origin: English

Note

Use this kit to REPLACE an existing Handpiece with the Cavitron G139 Scaler 360° on a Procenter 12:00 Delivery Unit.



Equipment Alert

The Cavitron scaler accessory is manufactured by Dentsply. Refer to Dentsply's literature for detailed information on Operation, Maintenance, Service, Troubleshooting, Warranty and to order replacement parts. For additional information go to: www.dentsply.com.

Note

Determine which handpiece will be replaced by the Cavitron Scaler. Connections will be made to the existing control knobs and kink valve already in place in the 12:00 unit.



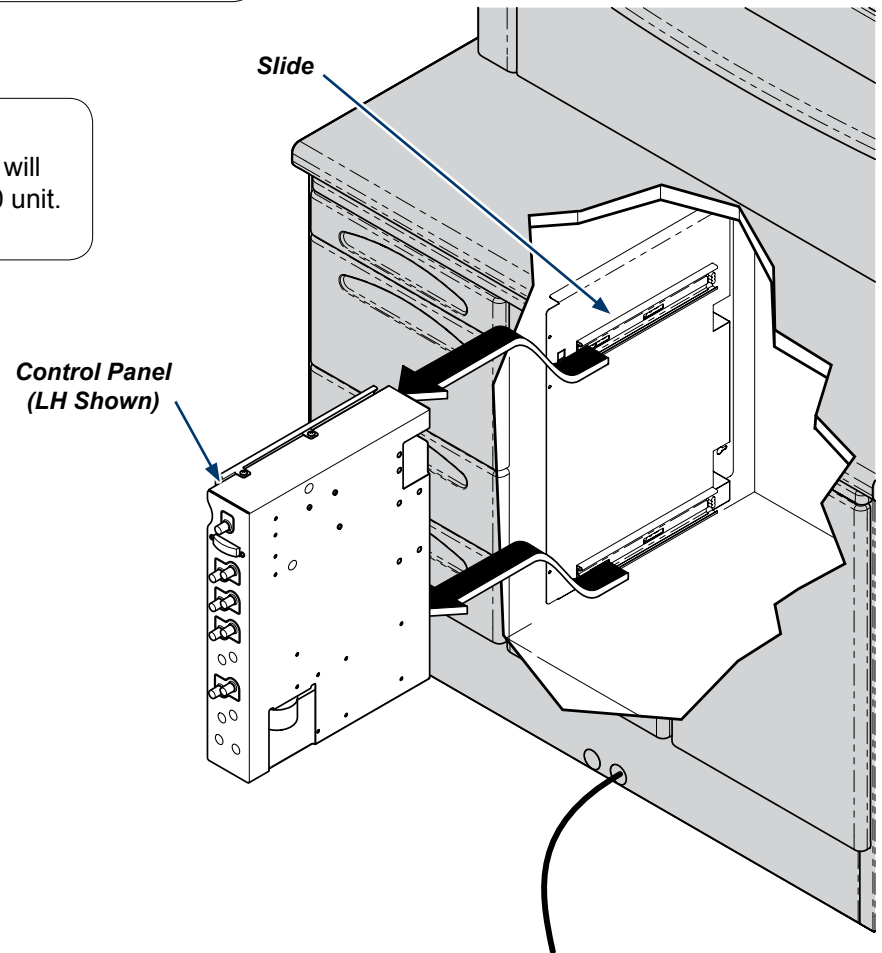
WARNING

Always disconnect power from electrical mains before removing any covers. Failure to do so may result in personal injury.

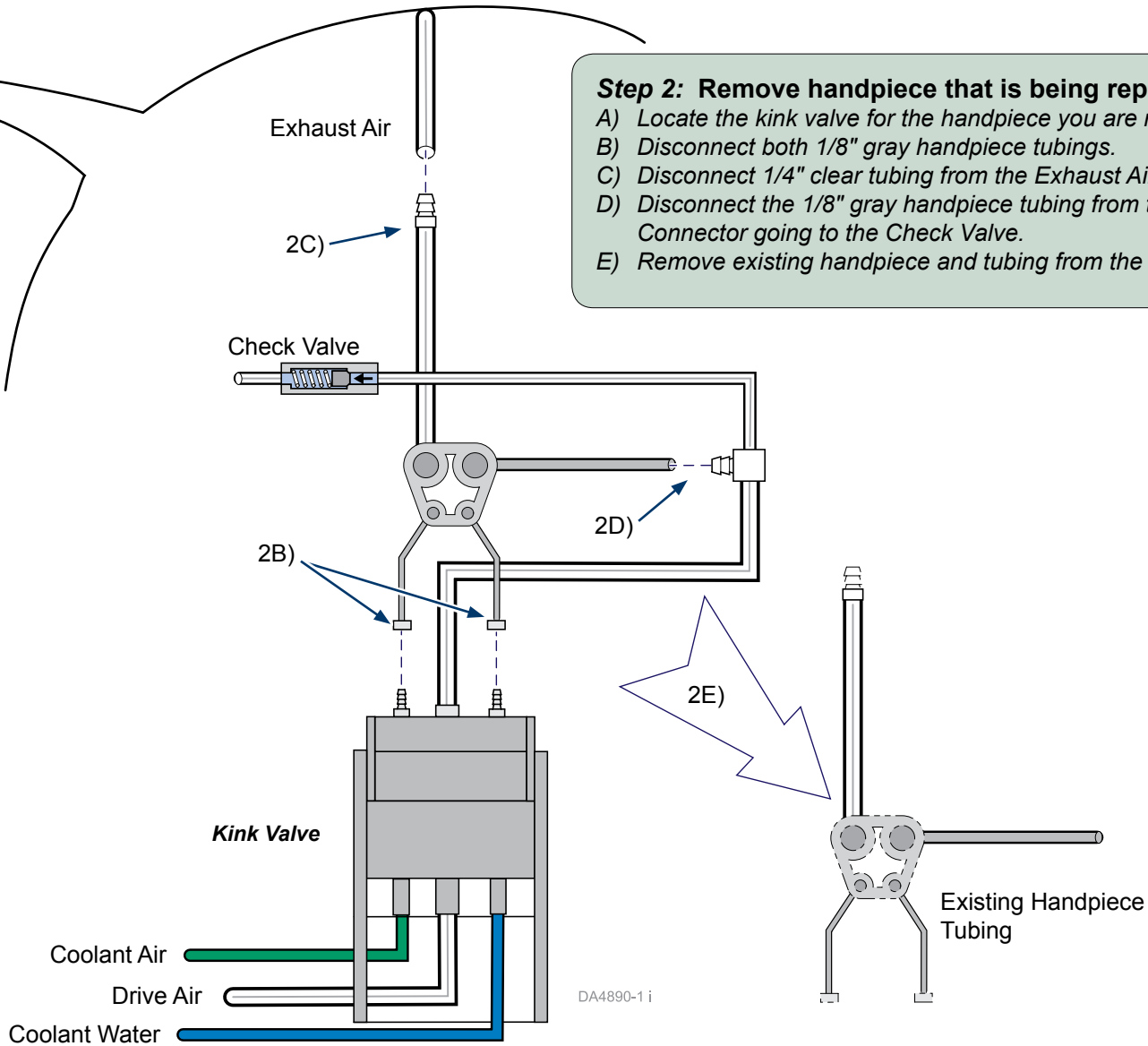
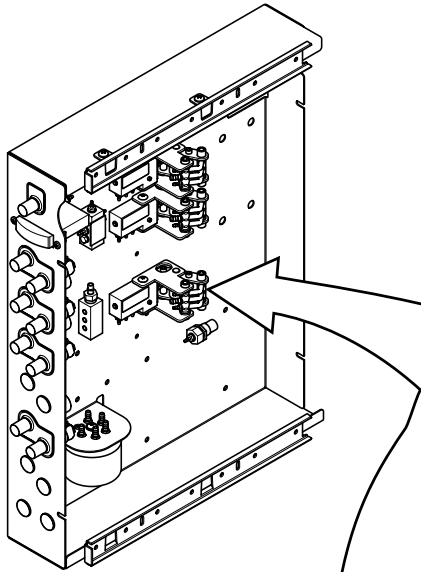
Step 1: Remove control Panel.

- Open cabinet doors and clear space for access.
- Remove control panel from top and bottom slides.

Note: Remove control panel carefully to avoid damage.



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Step 2: Remove handpiece that is being replaced.

- A) Locate the kink valve for the handpiece you are replacing.
- B) Disconnect both 1/8" gray handpiece tubings.
- C) Disconnect 1/4" clear tubing from the Exhaust Air.
- D) Disconnect the 1/8" gray handpiece tubing from the Connector going to the Check Valve.
- E) Remove existing handpiece and tubing from the unit.

Step 3: Install Controller.

- A) Affix controller to the bottom of the delivery unit housing, secure with velcro strips.
- B) Connect potentiometer connector to controller connector.
- C) Assure indicator on potentiometer knob points straight up when knob is rotated fully counterclockwise, then install washer and nut.
- D) Position decal onto washer, then install knob with set screw.

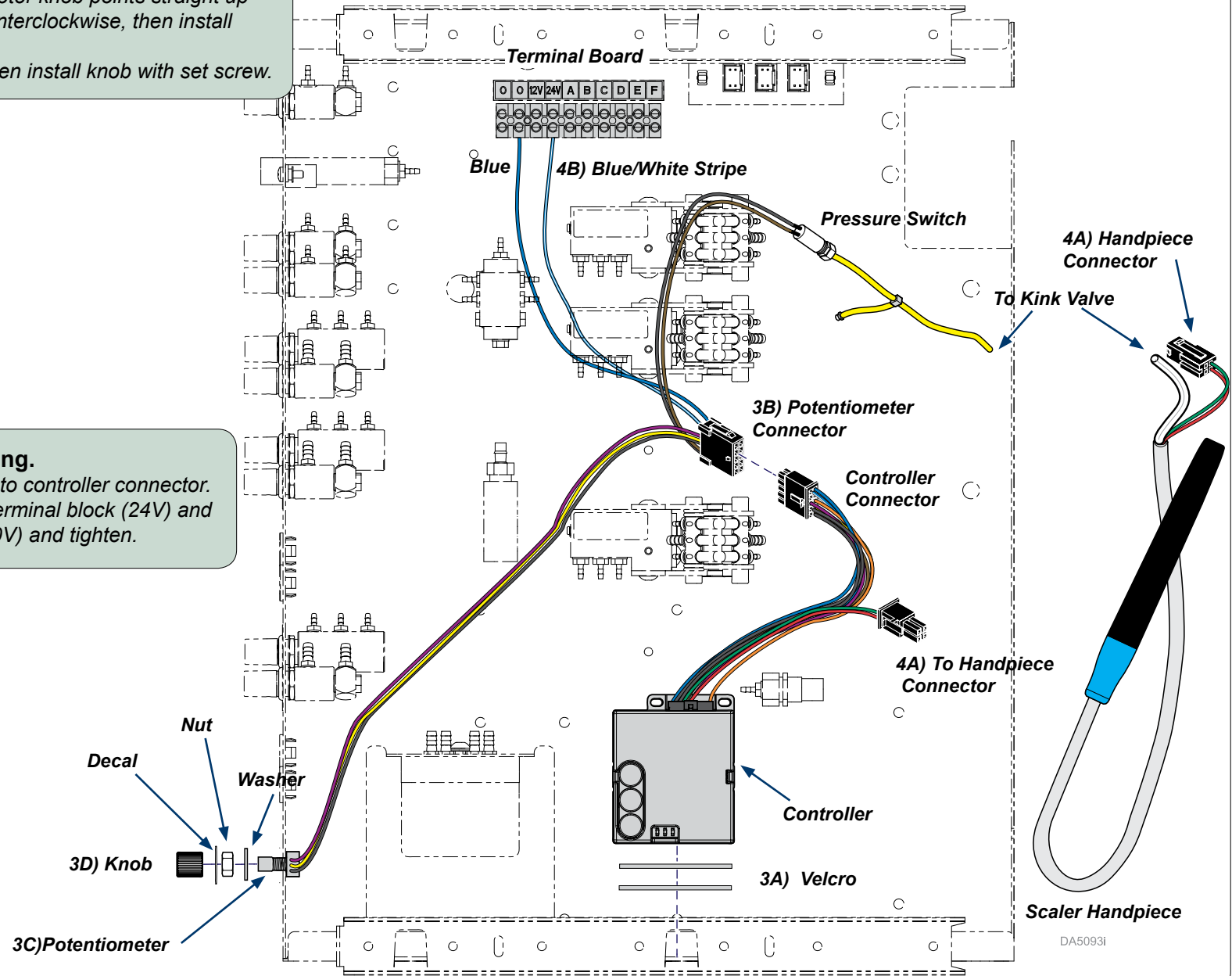


Equipment Alert

Route wiring carefully to avoid areas where moving parts may damage wires. Do not scratch surfaces or damage components.

Step 4: Connect scaler wiring.

- A) Plug handpiece connector into controller connector.
- B) Connect blue/white wire to terminal block (24V) and blue wire to terminal block (0V) and tighten.





Equipment Alert

Trim tubing to length required to make the connections. Excess tubing can kink or be pinched resulting in poor or no operation.

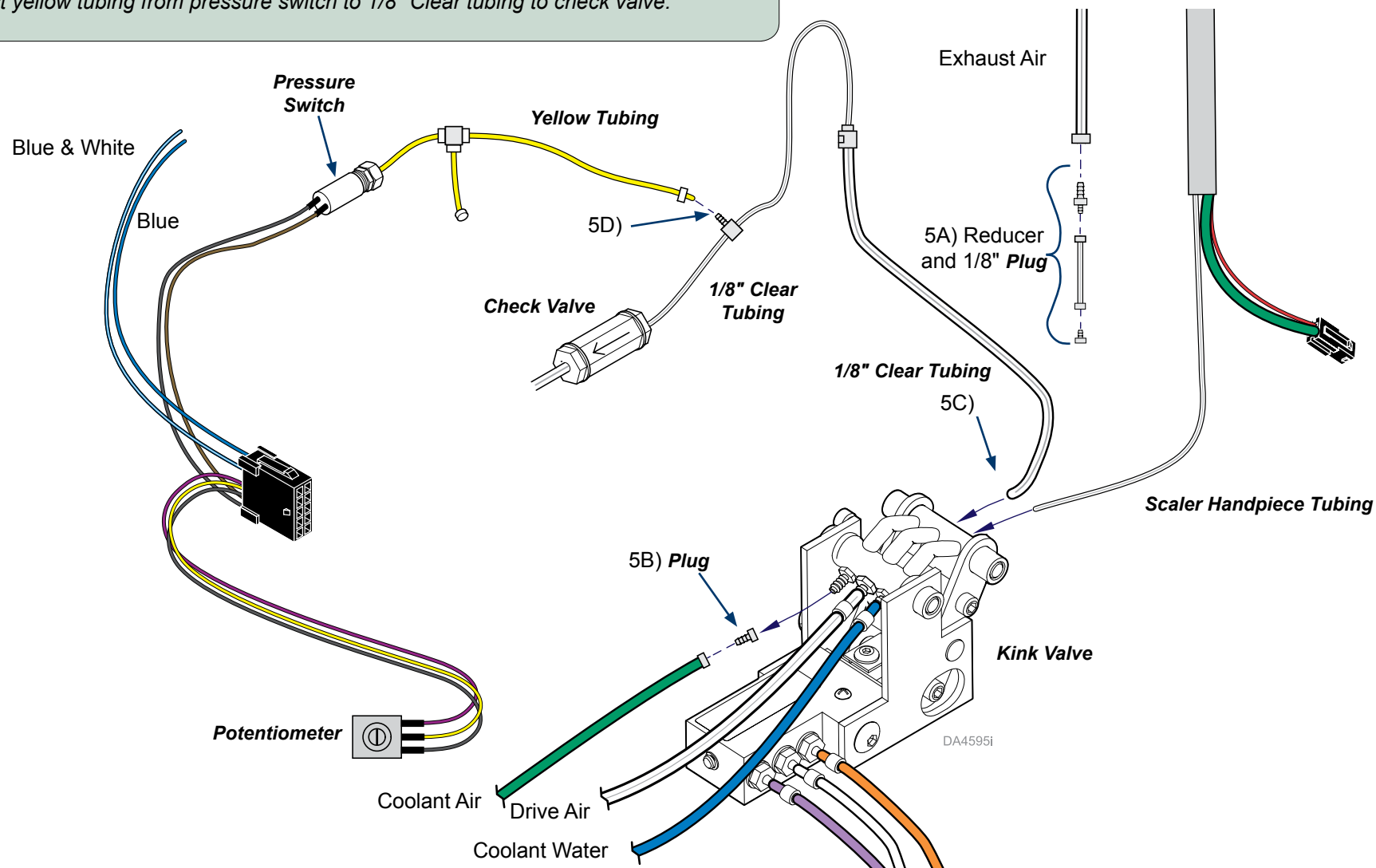


Equipment Alert

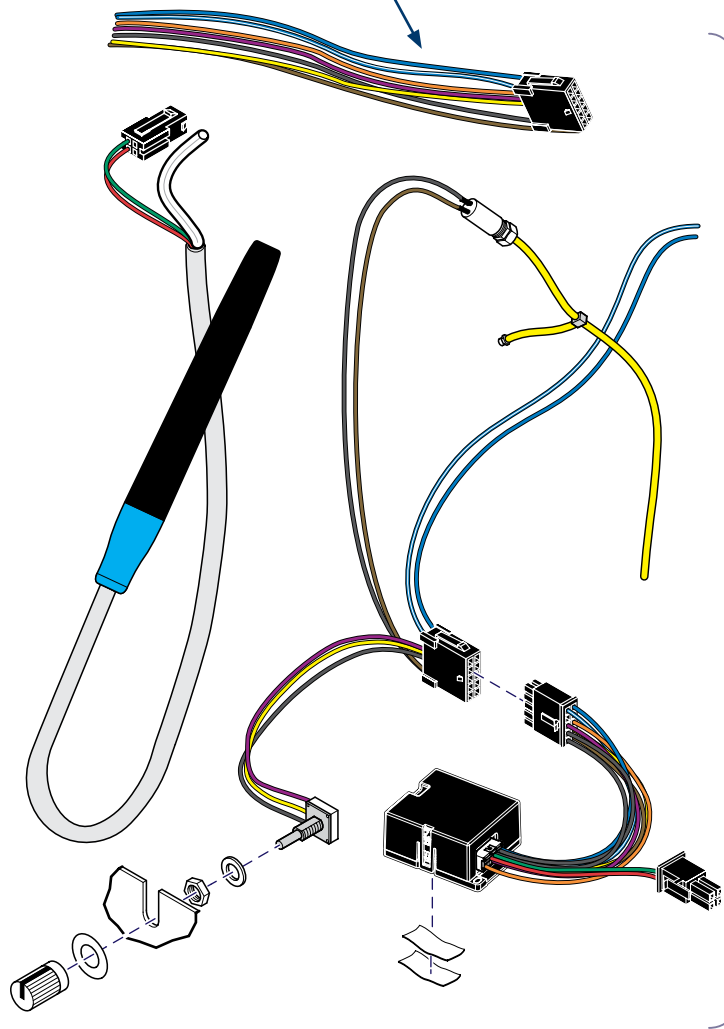
Always use uni-clamps when connecting 1/8" tubing to metal barb fittings. Uni-Clamps are not necessary on plastic barb fittings.

Step 5: Connect scaler tubing to kink valve:

- A) Use a 1/4 to 1/8" Reducer, a short length of hose and a 1/8" plug to plug the exhaust air.
- B) Disconnect Coolant Air (green) tubing from the kink valve and plug it. Use a uni-clamp and 1/8" plug.
- C) Connect 1/8" clear tubing from scaler handpiece to kink valve, opposite the Coolant Water (blue) tubing. Use a uni-clamp to secure.
- D) Connect yellow tubing from pressure switch to 1/8" Clear tubing to check valve.



Extra Harness
(not used in this
installation)



1 153959-006

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Cavitron Scaler 360° Kit		
Item	Description	Qty.
1	Cavitron G139 Scaler 360° Kit (Includes Item 2)	1