



Satelec Scaler Accessory Replacement Kit Installation Guide (for Procenter Delivery Units)

Applies to Models:

153960-002 Satelec Scaler
153960-006 Satelec Scaler with LED

Special Tools:

none

Language of origin: English

Note

Use this kit to install a Satelec Scaler handpiece as a replacement for an existing handpiece on a Procenter Delivery Unit.



Equipment Alert

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

Note

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

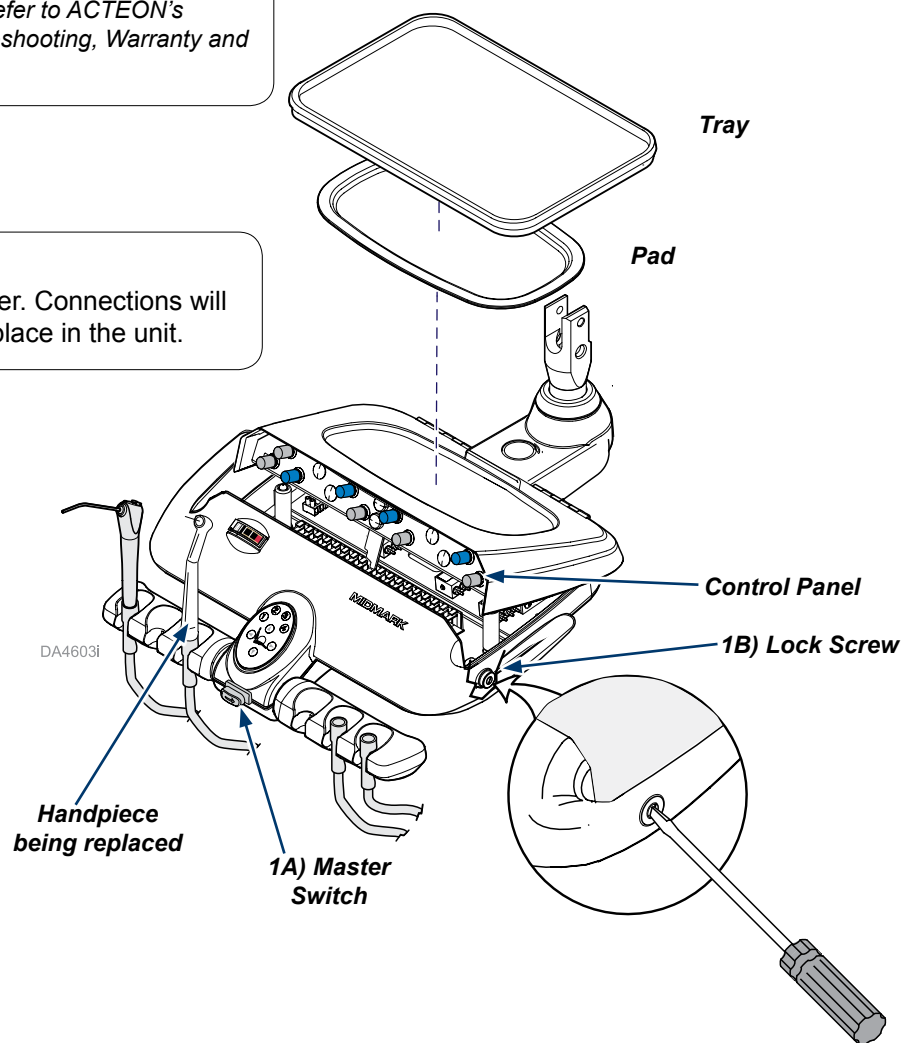


WARNING

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

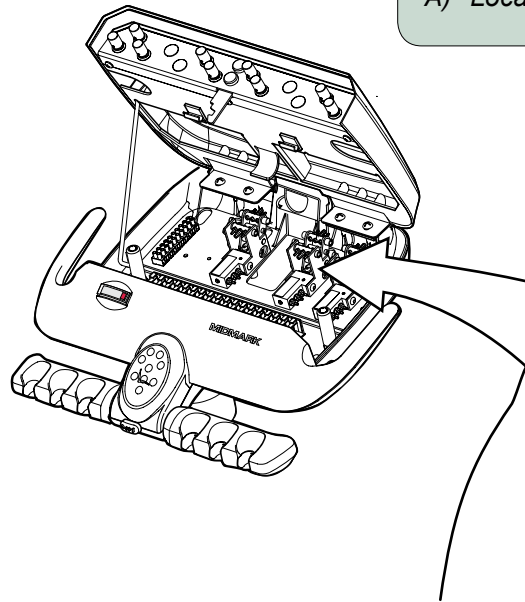
Step 1: Remove tray and pad to access the control panel.

- Turn the Master Switch OFF and remove handpieces from the holders. (Let handpieces hang freely below the unit).
- Use a screwdriver to rotate the lock screw to access the pop-up control panel in the lid assembly.



Step 2: Raise the lid on the unit fully to access the Kink Valves and tubing.

A) Locate the kink valve for the handpiece you are replacing.



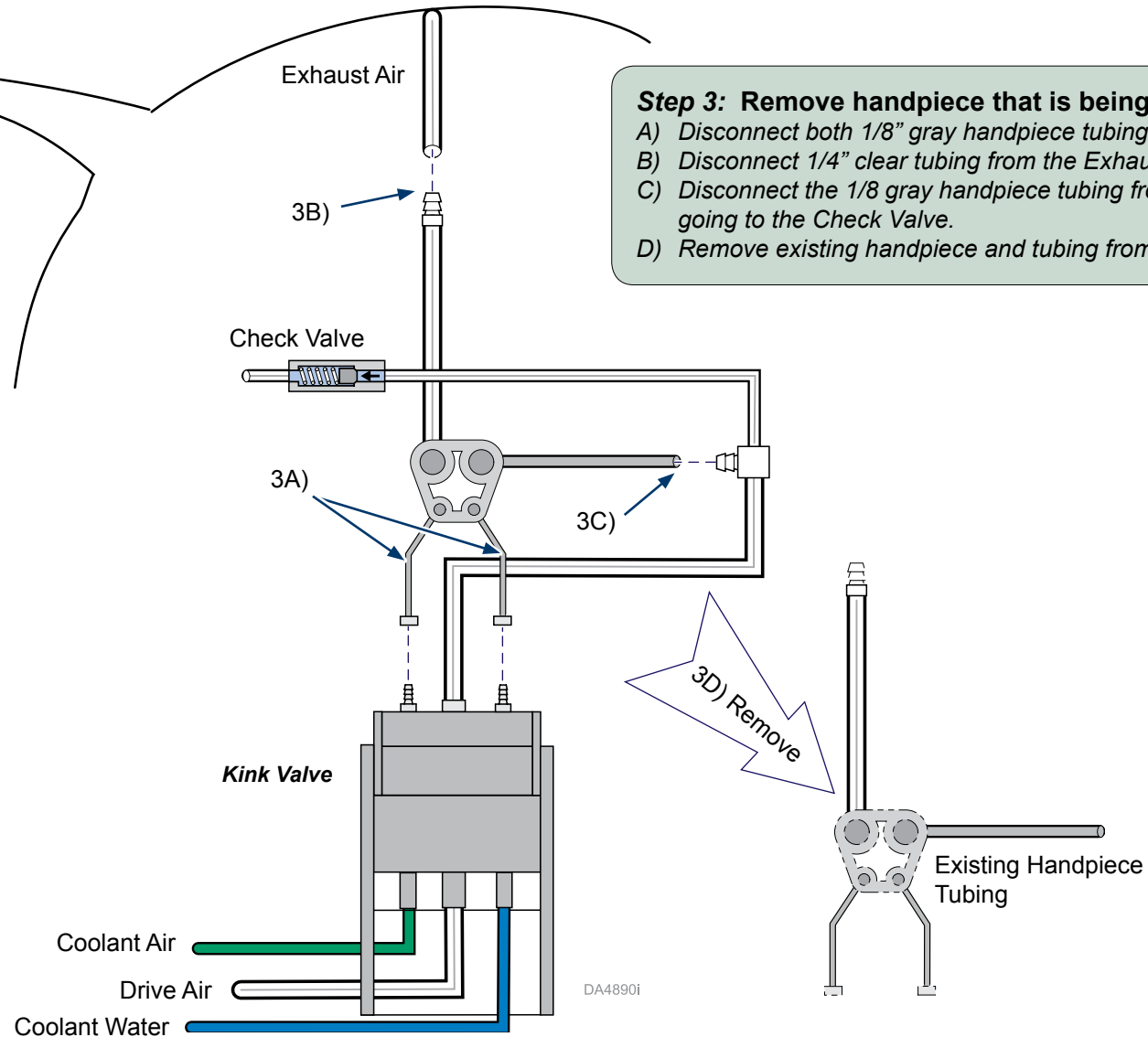
Step 3: Remove handpiece that is being replaced.

A) Disconnect both 1/8" gray handpiece tubings.

B) Disconnect 1/4" clear tubing from the Exhaust Air.

C) Disconnect the 1/8 gray handpiece tubing from the Connector going to the Check Valve.

D) Remove existing handpiece and tubing from the unit.



DA4890i



5B) Handpiece Connector

Optional LED Light Connector

Scaler Handpiece

To Kink Valve

Pressure Switch

Restraining String

5A)

4D) Potentiometer Connector

4C)

4B)

Potentiometer

Controller

5D) Gray and

Gray and Black Wires

0 0 12V 24V

5B) To Handpiece Connector

5F) Decal

5F) Decal



5G) Indicator

5H) Knob and Cap

5E) Controller Cover

DA4594i

4A) **Velcro**

Mounting Bracket

Step 4: Install Controller.

- A) Affix controller to mounting bracket with velcro strips.
- B) Install mounting bracket on the bottom of the delivery unit housing, with two screws from the top.
- C) Feed black and gray wires (and pressure sensor if applicable) up through hole in the bottom of delivery unit housing.
- D) Connect potentiometer connector to controller connector.

Note: Connect LED Light connector to controller if you have that option.

Step 5: Connect scaler wiring.

- A) Feed scaler handpiece tubing up through hole in the bottom of delivery unit housing.
- B) Plug handpiece connector into controller connector.
- C) Tie off restraining string to one of the holes in a hinge.
- D) Connect black wire to terminal block (24V) and gray wire to terminal block (0V).
- E) Install cover on mounting bracket with two screws, from the bottom.
- F) Affix decal to controller cover, positioning the area between 10 and 1 straight up.
- G) Position indicator straight up when knob is rotated fully counterclockwise on the potentiometer knob, then install washer and nut.
- H) Install Knob and secure with set screw and cover with cap.



Equipment Alert

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

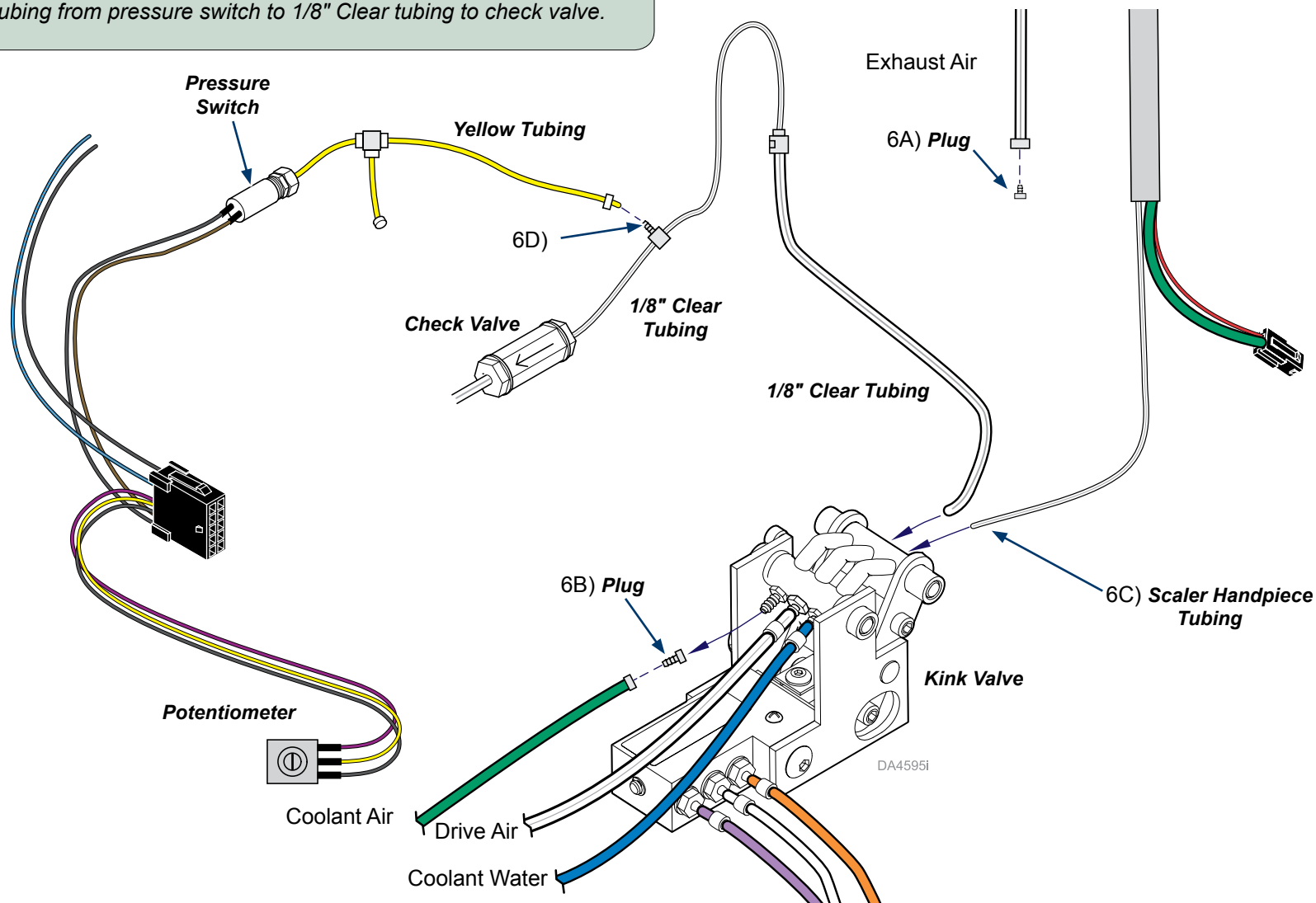
Step 6: Connect scaler tubing to kink valve:

- A) Plug the end of exhaust air, clear 1/4" tubing.
- 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.

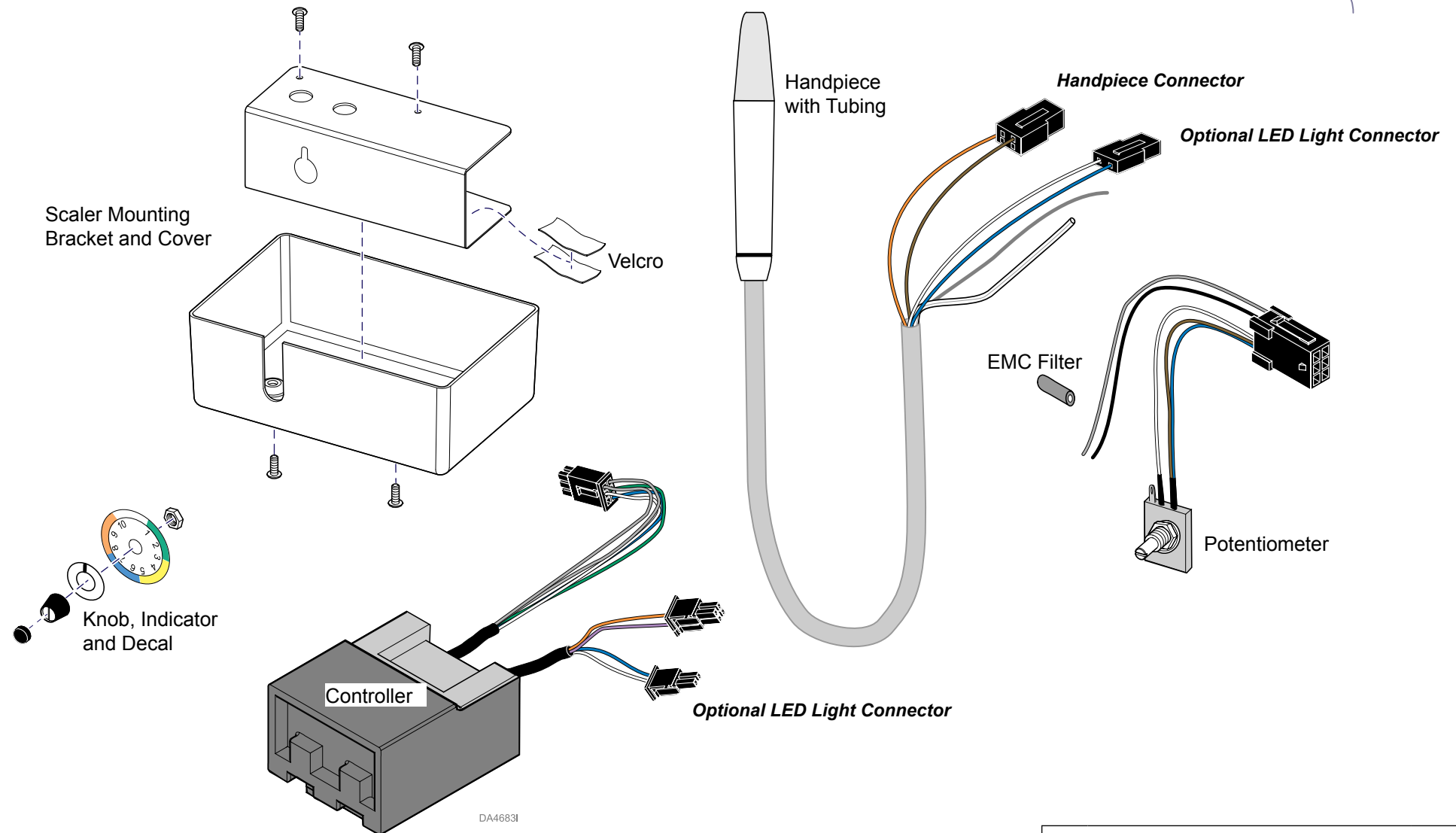


Equipment Alert

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



1a 153960-002
1b 153960-006



Satelec Scaler Kit		
Item	Description	Qty.
1a	Satelec Scaler- Kit	1
1b	Satelec Scaler with LED Kit	1