



# Hamilton G5 Inspiratory Valve Replacement

Use this guide to replace the inspiratory valve in the Hamilton G5 ventilator.

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## 10.8.4 Inspiratory Valve Removal/Assembly

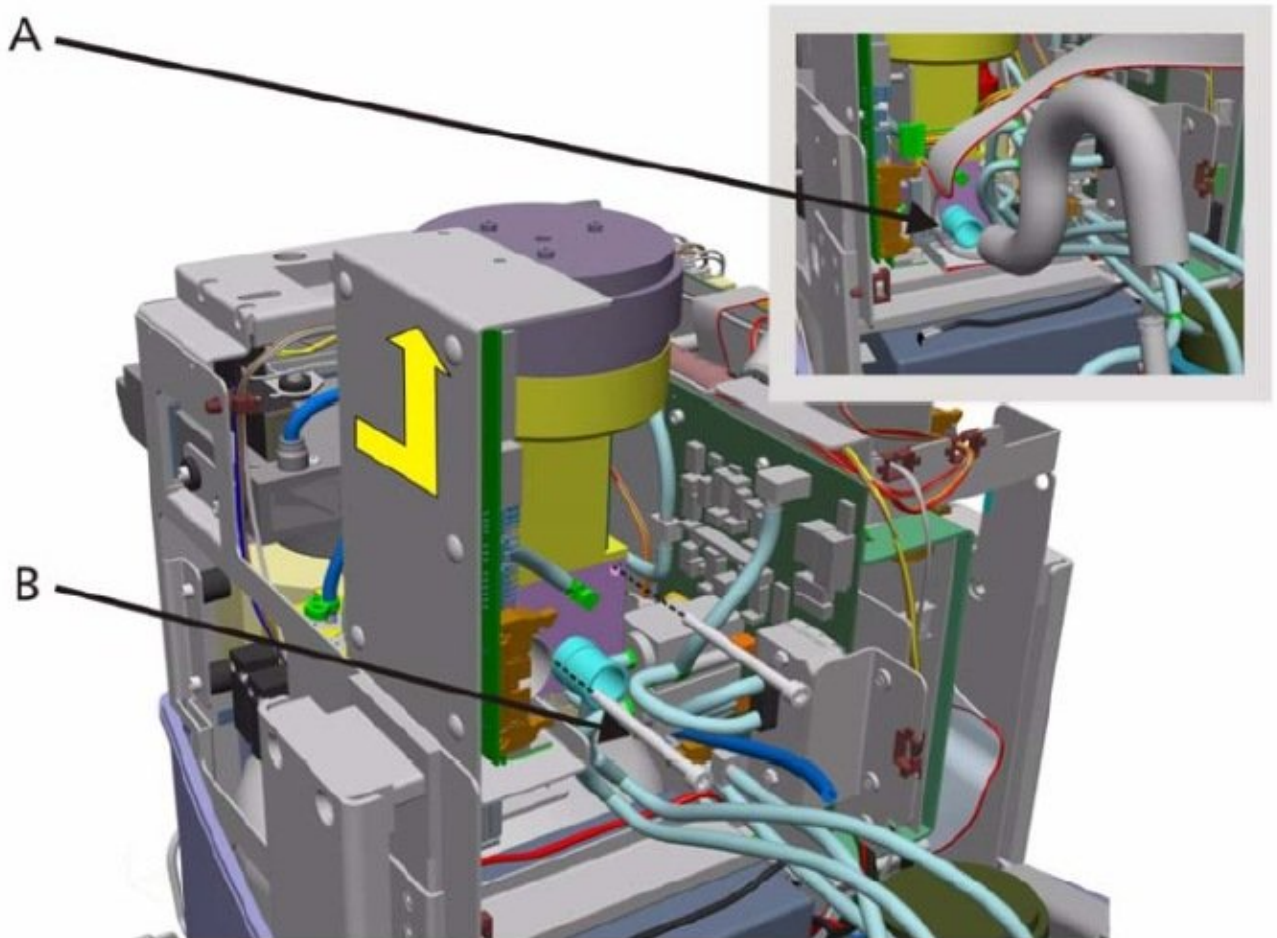


Figure 10-39. Inspiratory Valve Removal

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## INTRODUCTION

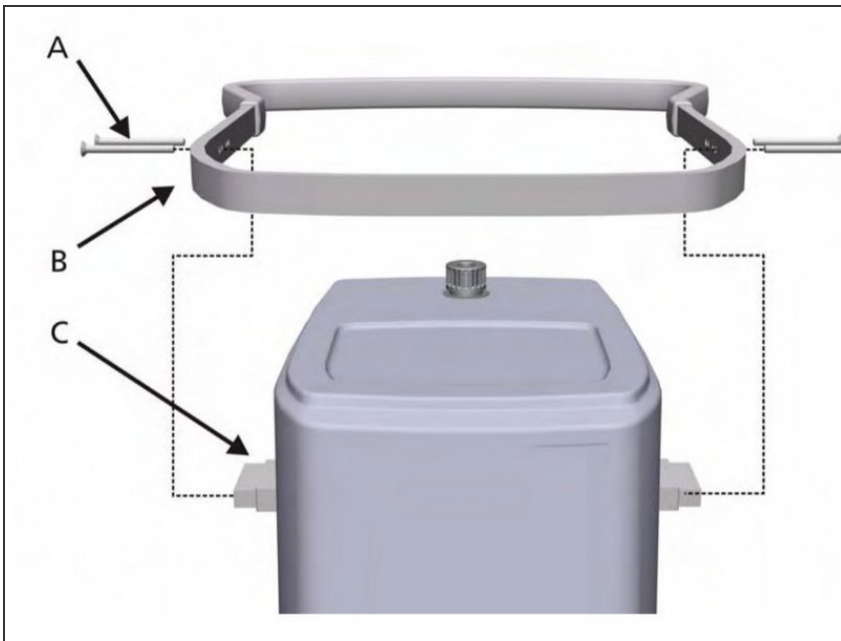
For more information on replacing the inspiratory valve, please refer to **section 10** in the service manual.



### TOOLS:

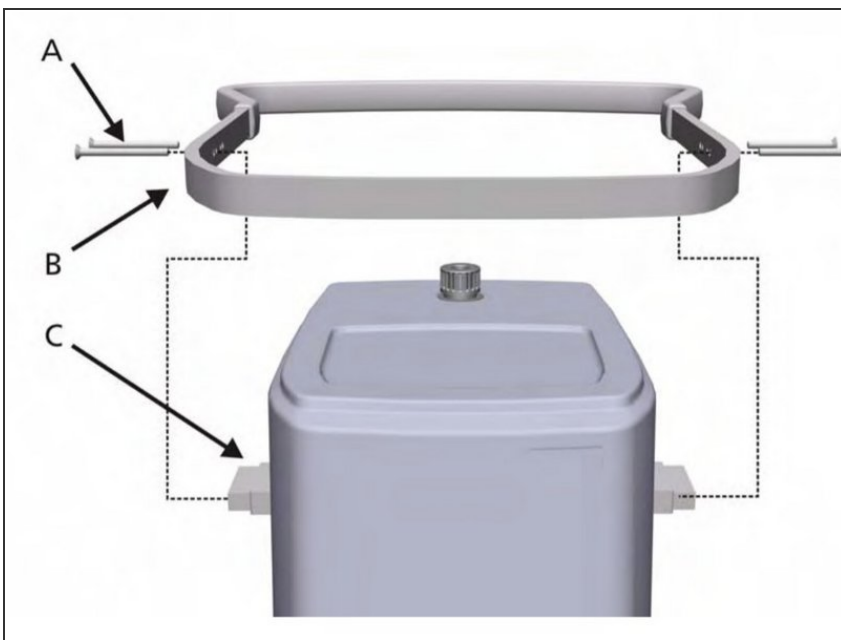
- [Allen Wrench](#) (1)
-

## Step 1 — Rail



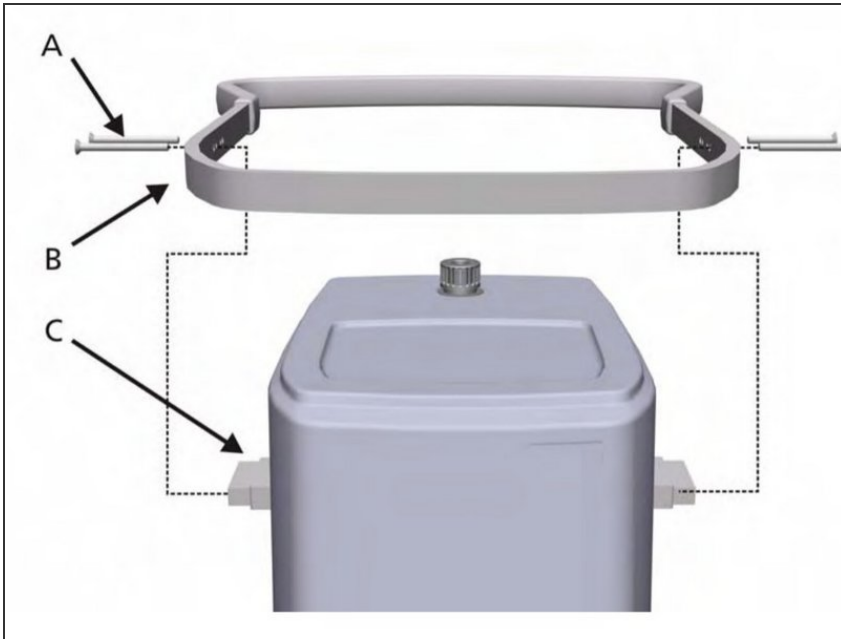
- Remove 4 Hex Allen screws (A) from the Rail surrounding the Ventilation Unit.

## Step 2



- Remove the Rail (B).

### Step 3



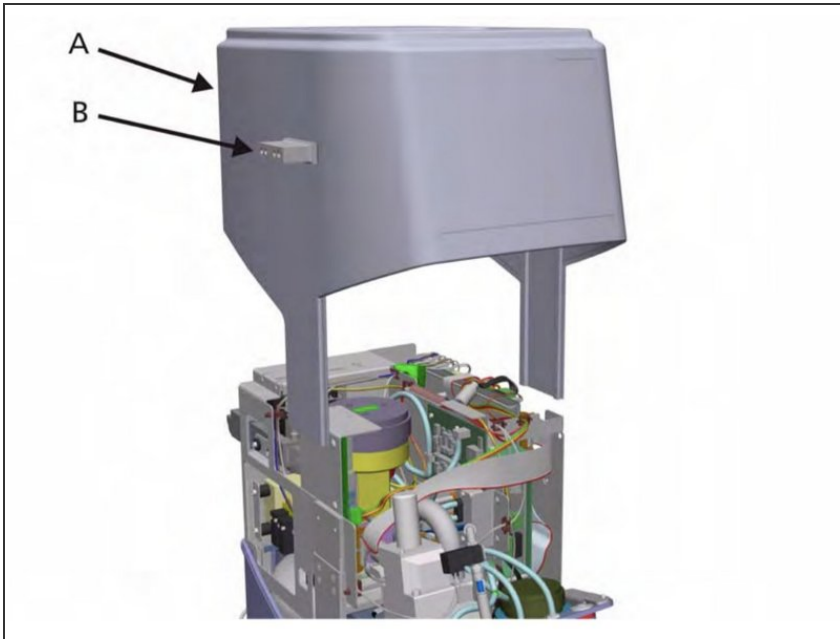
- The Standoff Brackets (C) remain with the Main Cover.

### Step 4



- Place aside in a safe location.

## Step 5 — Main Cover



- Lift the Main Cover (A) from the Ventilation Unit using the Standoff Brackets (B) attached to the Main Cover.

## Step 6



- Place aside in a safe location.

## Step 7 — Safety Valve Block

### Safety Valve Block Removal/Assembly

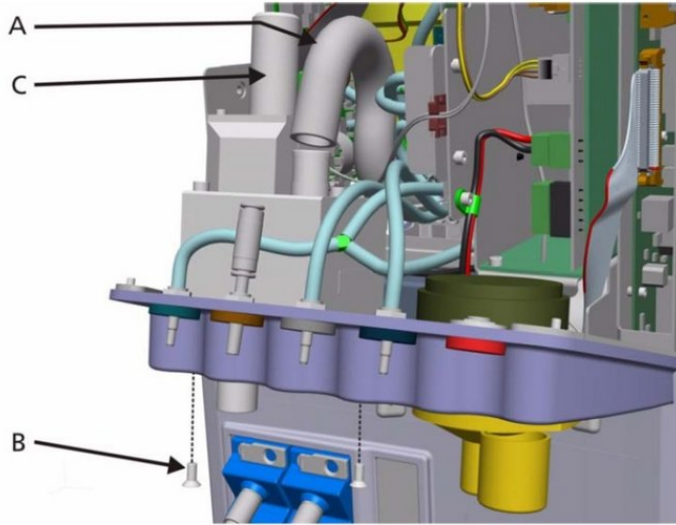


Figure 10-38. Safety Valve Block Removal

- Remove Safety Valve Block
- 1. Disconnect the cable from the Ambient Valve Solenoid
- 2. Disconnect the Shaped Hose (A)
- 3. Remove the 2 Hex Allen Screws (B)
- 4. Remove the Safety Valve Block
- To remove Ambient Valve Solenoid: Unscrew the Ambient Valve Solenoid (C) from the Safety Valve Block

## Step 8 — Inspiratory Valve

### 10.8.4 Inspiratory Valve Removal/Assembly

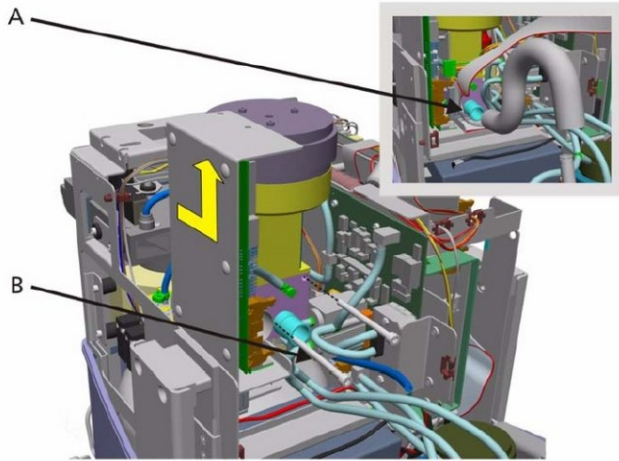
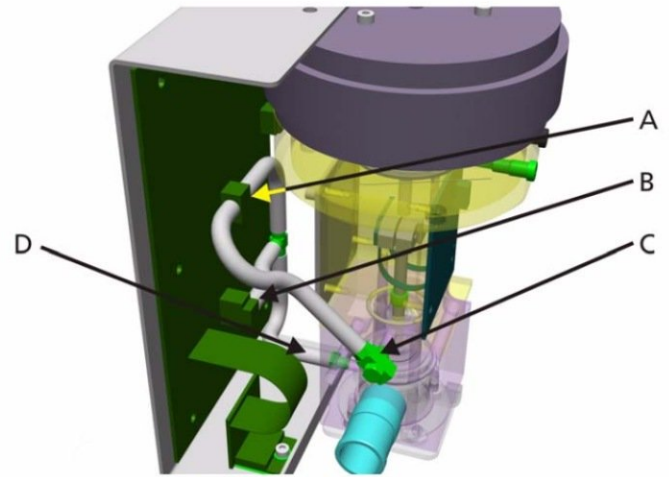


Figure 10-39. Inspiratory Valve Removal



- Removing the Inspiration Valve
- 1. Disconnect the tubing and cables form the Inspiration Valve
- 2. Disconnect the Shaped Hose (A)
- 3. Remove 2 Hex Allen screws (B) M5x60
- 4. Move the Inspiration Valve forward and then up
- 5. Remove the Inspiration Valve

To reassemble your device, follow these instructions in reverse order.