

**Red Arrow** points to the **Reset Switch**.

**Green LEDs** indicate Collision Sensors. Each LED should be illuminated.

**Letter A / LED D49 Detector 1 Collimator** (collimator touchpad)

**Letter B / LED D48 Detector 1 Edge** (edge adjacent to collimator)

**Letter C / LED D45 Detector 1 End Cover** (side cover)

**Letter D / LED D25 Detector 2 Collimator** (collimator touchpad)

**Letter E / LED D66 Detector 2 Edge** (edge adjacent to collimator)

**Letter F / LED D67 Detector 2 End Cover** (side over)

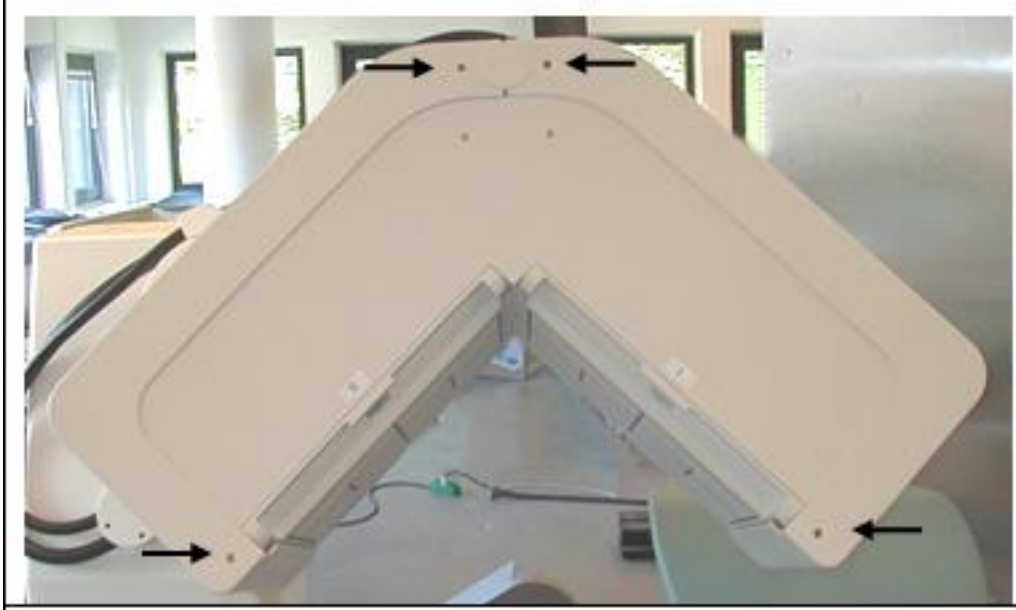
**Letter G / LED D68 Detector 1 Top Cover** (top cover)

**Letter H / LED D69 Detector 2 Top Cover** (top cover)

**Letter I / LED D81 Console** (vertical part of gantry)

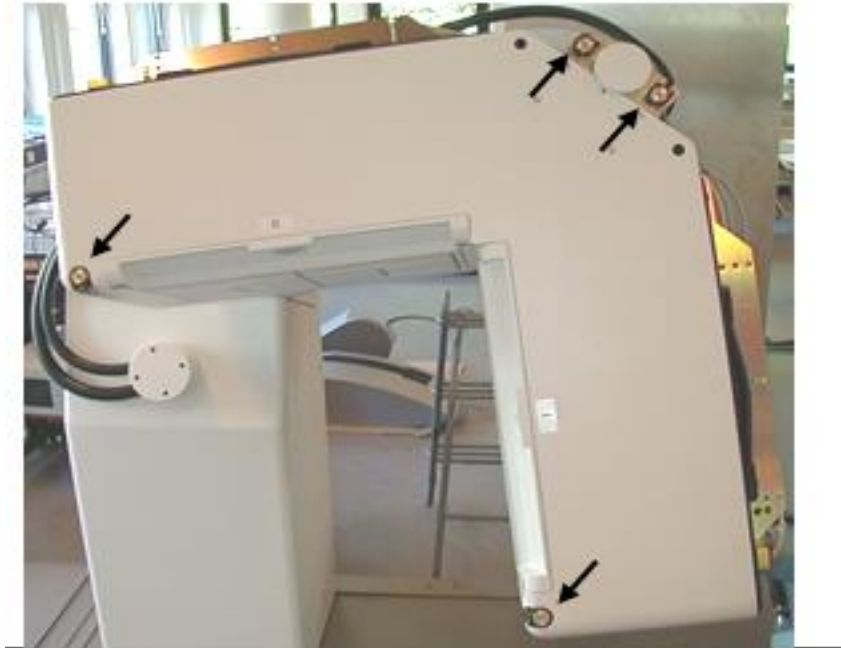
**Letter J / LED D82 C.Clear Wings** (if applicable)

The image shown below depicts a CCAM with detector covers installed. The four black arrows point to the location of the collision sensors, which are not visible because they are hidden underneath the two L-shaped detector covers. In addition to the locations indicated by the four arrows shown below, there are also four sensors on the opposite side of the detector covers.



Each detector cover has two collision sensors along the long axis (called the **Detector Top** sensors) and two collision sensors along the short axis (called the **Detector End** sensors). The **Detector Edge** sensor is adjacent to where the collimator is inserted, and the **Detector Collimator** sensor is the touchpad on the collimator itself. There is also a sensor on the edge of the gantry called the **Console** sensor.

The image shown below depicts the CCAM with the two detector covers removed. The four black arrows point to the collision sensors which are normally underneath the detector covers. These collision sensors are push-button switches, and therefore, there is a small gap between the detector housing and the detector covers. In addition to the four sensors shown below, there are four additional sensors on the opposite side of the detector.



A **Detector Top** or a **Detector End** collision occurs when any object presses either of the detector covers against the detector housing, thus closing the pushbutton switch in that location. When a **Detector Top** or **Detector End** sensor indicates a collision, the user must pull the applicable detector cover away from the detector housing to reset the push button switch in that location.