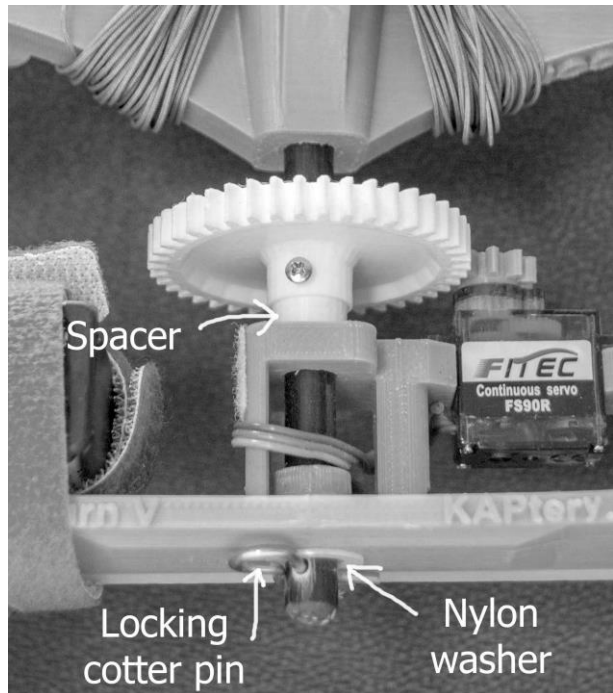
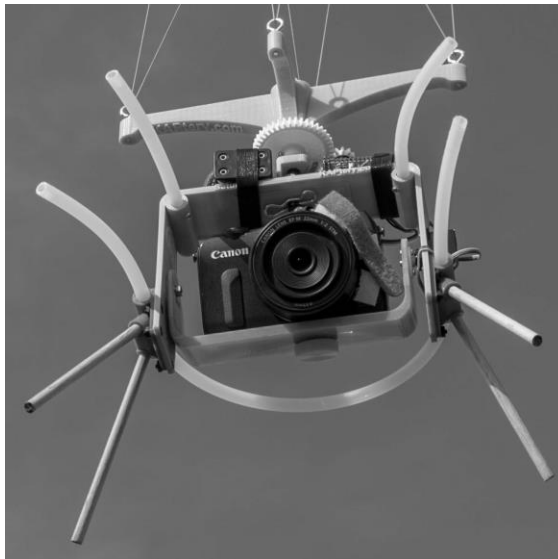


**Attach Picavet suspension:** Attach the Picavet shaft to the Saturn V Rig as shown. When the rig hangs from the Picavet cross the large and small gears should be aligned and there should be a small gap near the spacer so the rig can pan (rotate) freely. The nylon washer provides a smooth surface for the cotter pin to slide against when the rig pans. Ensure that the locking cotter pin is securely inserted. The set screws holding the large white gear should be tight.



**Insert wooden legs:** Insert oak legs into leg brackets. Twist them all the way in and friction will hold them.

**Attach PET tubing bumpers:** Four short pieces of white tubing can protect the front of the camera while allowing the camera to capture photos at any tilt angle. Twist the tubing so it curves away from the camera, then tighten the set screws to prevent the tubing from rotating.

One long piece of tubing can protect the rear of the camera. Insert each end into a leg bracket.

**Mount the camera so the rig is balanced:** Slide the camera and the loaded battery case sideways until the rig hangs level (side-to-side). To balance the camera front to back, do one or both of the following:

1. The pivot holes on the camera tray can be changed. The upper row of holes is for tall cameras, the lower row for short cameras. The axis of tilt should pass through the center of mass of the camera (with lens extended).
2. The tray can be reversed (turned 180°, the slot for the tripod screw is closer to one edge). This requires moving the round white servo horn to the other side of the tray (see the Saturn V Rig assembly instructions here: <http://kaptery.com/guides/>).