Forks, Handlebars, and Cables

Steven Chien and Matthew Kolodzik
Spring

The spring comes apart into three pieces.

The two pieces at each end are threaded to match the spring itself.
Spring and Stanchion

Spring alongside the stanchion (silver tube).

The three cylindrical pieces fit around the stanchion.
Disassembled Fork

The spring slides into the stanchion tubing. The nut at the top of the spring threads into the top of the tube.
The stud at the left end of the spring will thread into the bottom interior of the lower fork leg (black pieces).

The cylinders thread into the top of the lower fork legs.
Assembled Forks

The lower fork legs have pieces that attach to the axle of the front wheel.

One of the forks also has a small hook that attaches to the front brake. (This means left/right fork is important).
Triple Tree and Ball Bearings

Triple tree requires 15 ball bearings on both the top and the bottom of the triple tree.

The forks will fight right into the holes of the triple tree.
Forks Attached!

The ball bearings are packed in grease at the top and bottom ends of the triple tree. This allows the entire steering assembly to rotate smoothly.

After this was done, oil was put into the forks via a small, threaded hole in the side of the stanchion.
Brake Levers and Adjuster

Brake adjuster not installed. Once it is installed, the adjuster will screw into the hole through which the cable is passing.

As a result of tension from the adjuster and the drum brake attachment, the cable will become taut.

Thank you to Glenn for manufacturing these handle levers!
The adjuster is being installed. (Brass piece) It can be retracted and screwed in tighter to ensure tension in the brake cable.

Shout out to Littman for the bomb handlebar mounts.
Brake Cable attachment to Drum