Configuration 2: (Figure 2) This configuration is similar to Configuration 1 but utilizes a Mechanical Push Vent to facilitate the transfer of displaced air/vapor during loading and unloading. The Push Vent must be located directly above the Emergency Valve to function properly and is installed in the top of the tank to a flange or mounted on the manhole cover. The Lower Spring Retainer is attached to the Stem of the Emergency Valve at point #7. The Push Vent Rod (item # 8) is supplied 60 inches long and can be cut to fit specific cargo tank sizes. The Adjusting Bar (item #9) is used to fine tune the fit so there is approximately 1/8" play in the Push Rod when the Emergency Valve is in the closed position. Due to the added load of the Push Vent spring, it is crucial to reduce cable friction for this configuration. Lower cable friction will lead to smoother operation of the Mechanical Operator.

Figure 2
(Configuration 2)

