

## Wiggins Installation Information 2

### Location of Receiver

1. Near the bottom of the tank, handy for the fueler to make the connection, but no to close the internal baffles.
2. Take care not to select a location in line with tire throw-off of mud, gravel, or where an external receiver would make a convenient step.
3. If the tank is inaccessible, plumb with hose to convenient area where receiver can be mounted on a bracket in a chest high position. Preferred installation is where fueler can connect with a horizontal straight line thrust while feet are firmly on the ground.
4. Do not install flush mounted type of receiver on a surface other than vertical, as accumulation of moisture or refuse may obstruct its use.
5. Do not locate receiver on under side of tank, where it may act as a sump and become inoperable or damaged by sludge.

### Location of Vent

1. To allow maximum tank filling, the vent should be located at the highest point of the tank. The place where the spring wire ball-cage attaches to the stem should penetrate at least 2 1/2" below the top of the tank, for proper ullage.
2. Do not lubricate the vent too close to the tank edge or an internal baffle. Continual, severe sloshing against the vent may impair efficient operation.
3. Do not locate the vent where mud build-up will clog the air slots and cause premature shut-off of the system.
4. Face vent away from fueler, engines and exhaust system.

### Tank Preparation

After locating the best places for the receiver and vent, holes must be cut to accept them. There must be no other openings in the tank that are not capped or sealed. Remember that the Wiggins System works on pressure build-up to trigger the automatic shut-off. Make sure breather is also sealed. The Wiggins vent has an integral breather.

Installation Continued: 1 2 3 4