Two disadvantages exist with ultrasonic method:

- 1st: because of pulse length there is small window that we cannot receive pulse with transceiver because transceiver is transmitting. This problem is simple to solve: we placed our sensor higher from maximum water level for few centimeters allowing receiver to start receiving.

- 2nd: because of the beam width we are limited with tank diameter. If tank diameter is too small, signal could bounce of tank’s walls and could cause false readings.

<https://www.instructables.com/Measuring-water-level-with-ultrasonic-sensor/>