

PARTS #195, 195B, 12034, 1541, 1542, 16213 Gas Tank Sending Unit



Instruction Sheet

Revised 10/2011

Thank you for purchasing your sending unit from Danchuk Manufacturing. Please read the entire installation instructions prior to starting the process. There are a few items that we feel are very important to achieve a successful and leak free installation, like using a new set of screws and copper washers and also removing the gas tank as opposed to attempting the installation with the tank still in the car.

Also, although we include a pick-up line filter with the sending unit like original we highly recommend that you do not use it. General Motors did away with them soon after the Tri-Fives and there was a good reason for it that we agree with. If the filter becomes clogged you have to remove your tank and go through the entire process to change it. We recommend an in-line fuel filter be installed anywhere that is convenient between the tank and the fuel pump. Also, there are a number of gaskets available on the market but the nitrile impregnated cork gasket that we have included with your kit is to GM specifications and will work the best.

Removal of Old Unit and Gas Tank

1. Disconnect the battery and drain the tank of all fuel.
2. Disconnect the fuel line from the sending unit.
3. Disconnect the wire lead.
4. Disconnect the filler tank hose.
5. Support the gas tank and remove the tank straps.
6. Remove the tank from the car.

Installation of New Sending Unit

1. First insert the unit in the tank without the gasket to be sure that the sender sits flush against the tank and the pick-up line is not hitting the bottom of the tank. If it is, a slight tweak may be necessary to prevent cocking and pressure on the sealing surface of the unit.
2. Be sure that you have a clean surface on the gas tank.
3. Line the nitrile/cork gasket up to the sending unit being sure that you have the holes lined up exact. They only fit one way; the other four positions are close but will not work.
4. Insert the sending unit in the tank and using a new set of screws and copper washers (Danchuk #1488) snug the screws only. Be sure the installation looks correct then tighten the screws using a star pattern.

Re-install the tank and connections by reversing "Removal" steps.

Note: Be sure that when attaching the brown sender wire to the unit you DO NOT loosen the bottom nut, it is torqued properly to prevent leakage, the top nut is for the wire.

Also, we recommend that you hook up the sender wire, ground the unit and then test the functionality of the gas gauge. It only takes a few minutes and will save you much frustration if it happens that something was off and in need of adjustment.