



Float type fuel sender unit in supplier box
Use VDO Fuel Level Gauge 73-10 Ohms P/N 301-029

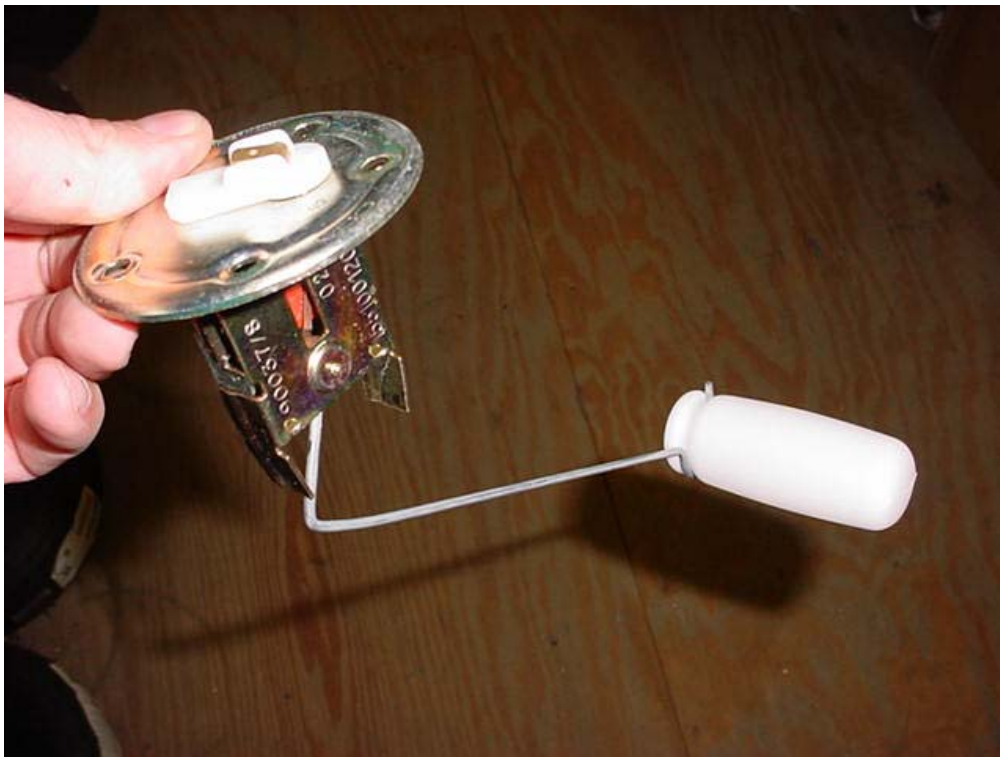


Part number 221-012



FUEL SENDER
INSTALLATION KIT

P/N 226-451



As supplied the fuel sender unit is ready to top mount installation.
When installed on the inboard end of the tank, the float arm must be bend.



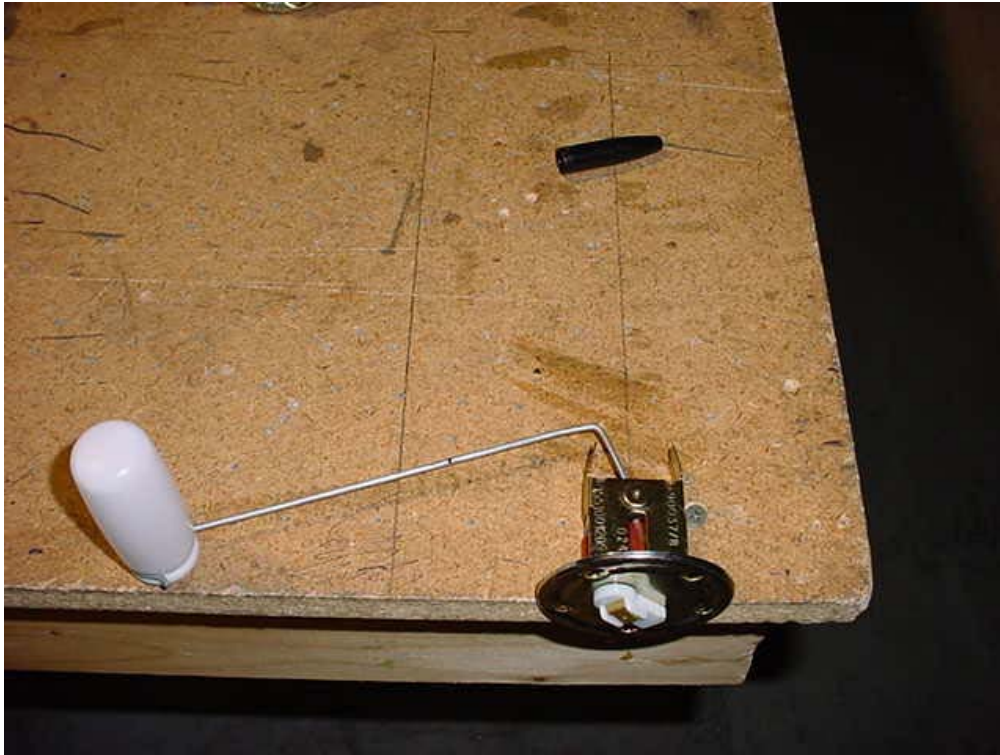
Bending the float arm for installation of the fuel sender unit at the inboard end of the tank.

Remove the plastic float to make it easier to hold the ruler along the float arm.



Reference: end of ruler on the wire.

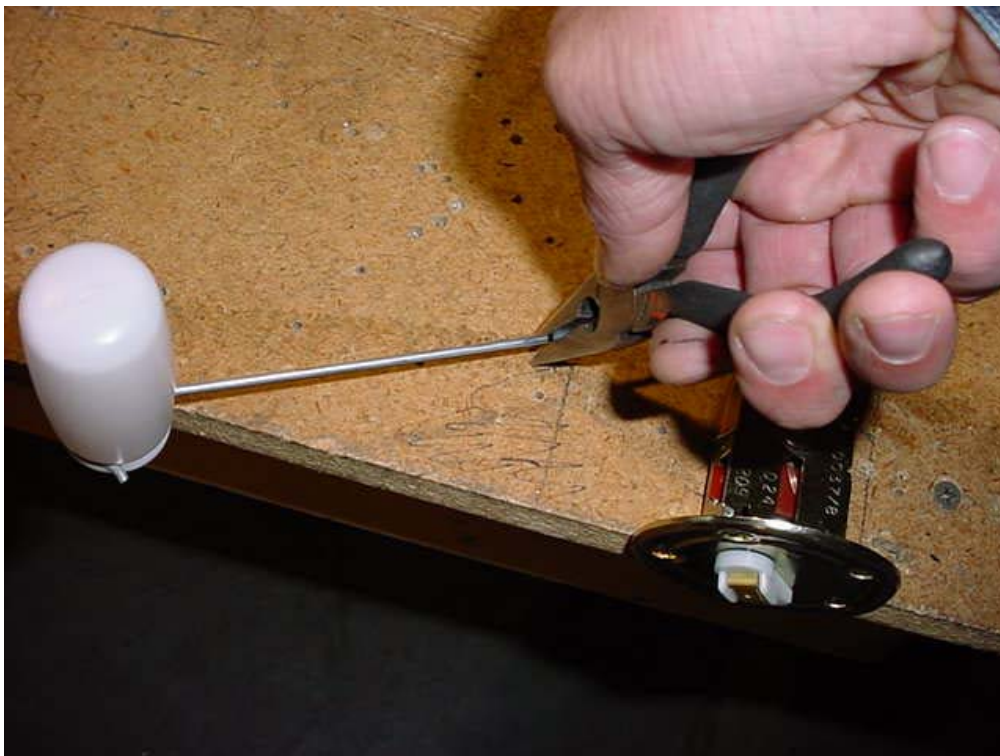
Layout 58mm



On the work bench layout 2 parallel lines 90mm from the edge of the work bench. The second line represents the top of the tank.

Reinstall the float.

Lay the sender on the first line along the edge of the workbench to see which way to bend the wire. The wire must be bent to keep the float below the second line (top of tank).

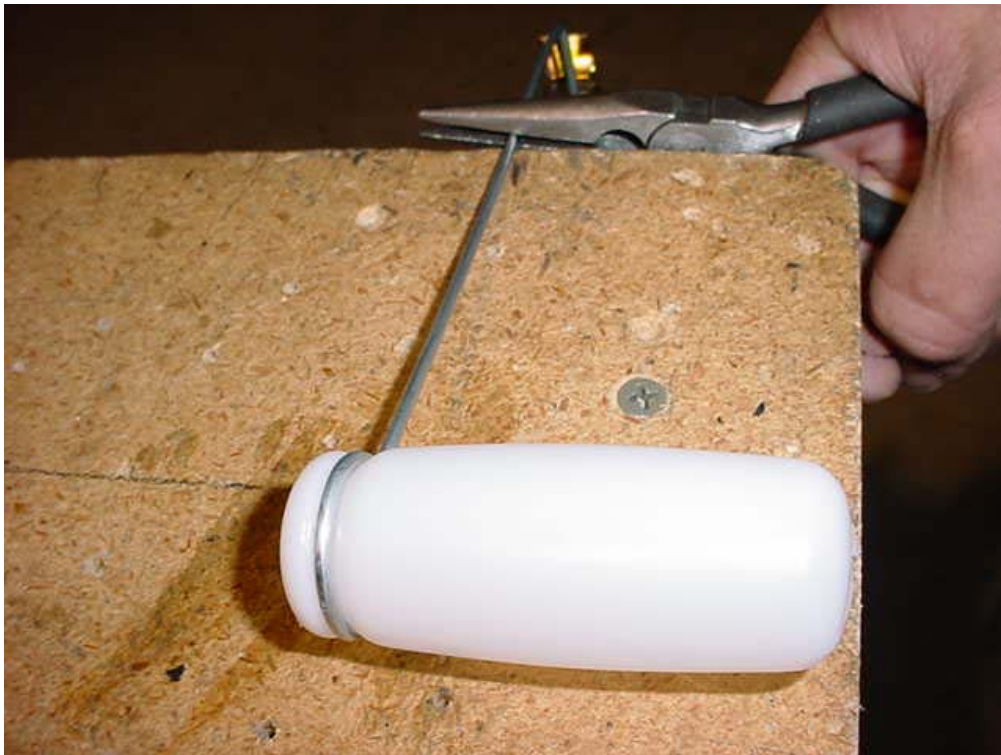


With pliers, grab the wire.



Position the sender over the edge of the workbench.

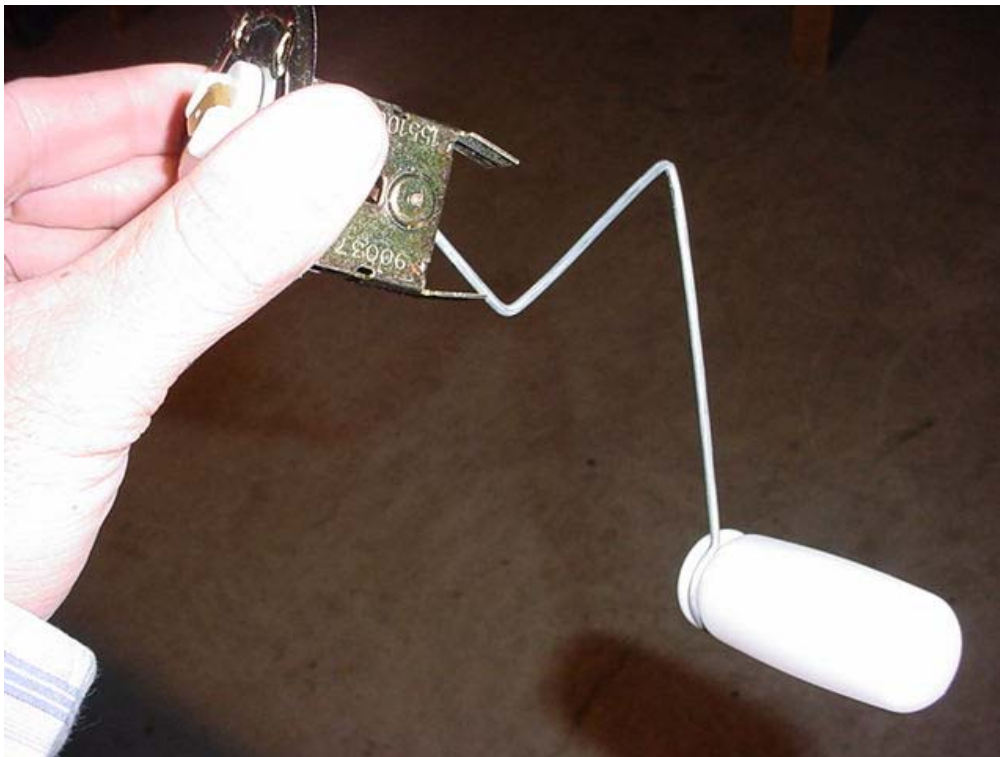
Position the pliers along the edge of the workbench.



check that the float lies across the workbench.



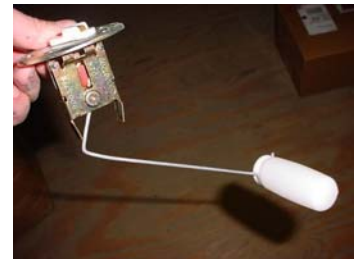
check the pliers are on the edge of the 58mm line.
With one hand pushing down on the plies to keep the wire on the workbench,
use your other hand to rotate the pliers to bend the wire.



Float arm (wire).



Ohm meter.



72 Ohm = empty

Hold the sender unit level, float in the down position = empty



7V9-3A Root Angle
Spade connector = signal

Use an Ohm meter to confirm empty and full
10Ohm = full

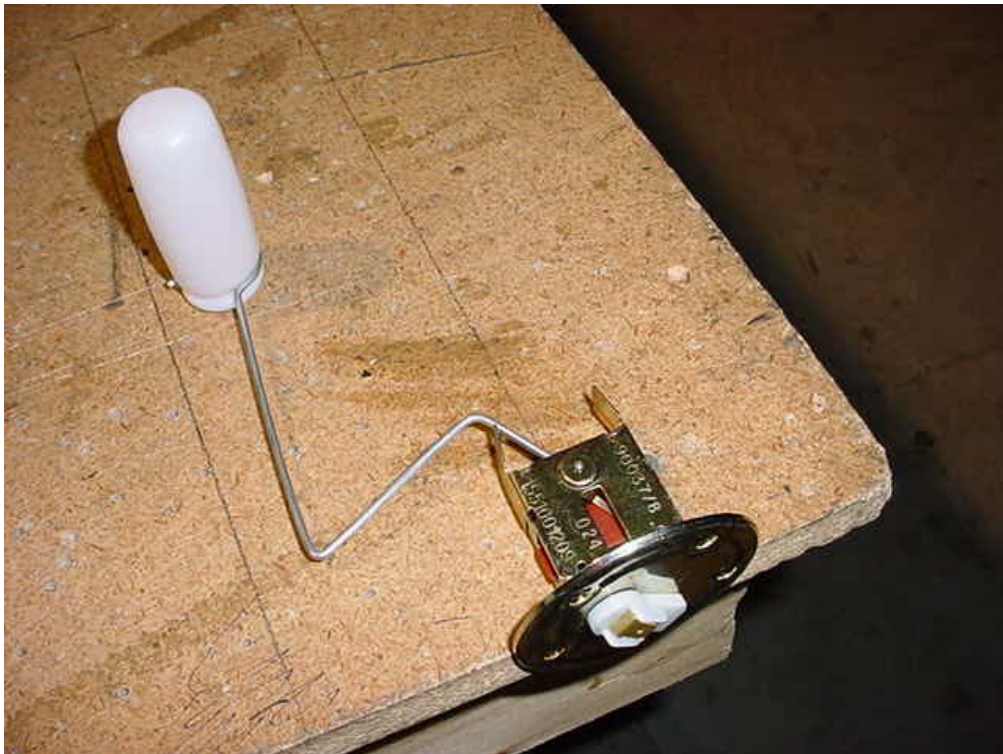


7V9-3A Root Angle

Mark the side of the sender .



Position the sender on the 90mm line.
Keep bending as necessary until the bottom of the float is flush with the edge of the workbench.



Rotate the float arm up. Check that it is below the top of the tank.

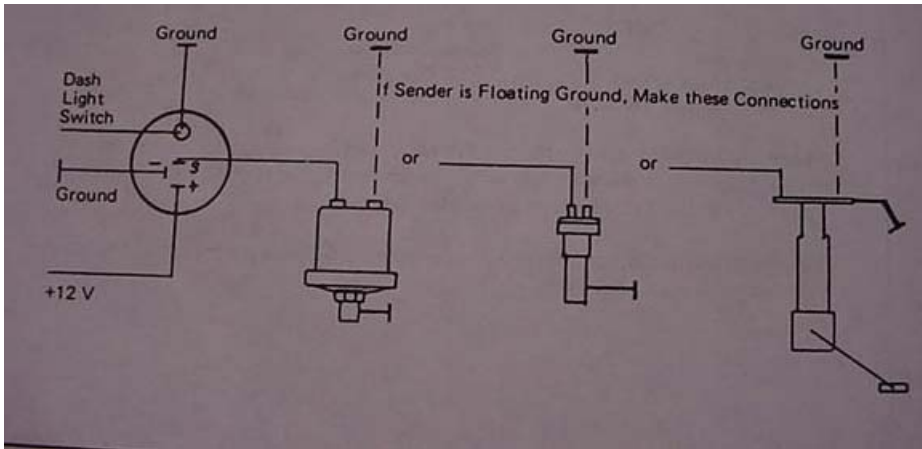


Inboard end of tank is opposite to the fuel filler neck

Use a rear rib to help locate the position the fuel sender unit in the forward lightening hole.



Center is 80mm back from the front edge of the tank and 90 mm up from the bottom.



Wiring diagram



VDO fuel gauge.



Back of gauge. The top two connectors are the light bulb (not required).



3 spade connectors on the bottom of the gauge