

DURITE®
Fuel Gauge
(electronic)
Part 0-523-06/56

Fitting Instructions

1. Ensure that the clock voltage matches the vehicle or system voltage (including illumination).
2. Choose a suitable location for the fuel gauge with adequate access to the rear of the meter for connections and fixings.
3. Switch off ignition and remove key. Disconnect battery (earth terminal first).
Note: before disconnecting battery make sure all system start up codes are known, i.e. coded radios etc.
4. Cut a 53 mm diameter hole at chosen location for the fuel gauge. Push meter into hole and fit the "U" bracket over mounting studs at the rear of the gauge. Fit washer(s) and nut to each stud. Align gauge and tighten nuts.
5. See reverse of this instruction leaflet for installation of the fuel tank sender unit.
6. Connect the terminal marked "+" to a suitable ignition controlled fused supply or positive feed and connect the terminal marked "-" to earth or negative feed. Connect the terminal marked "S" to the fuel tank sender terminal stud.
7. Connect the bulb wiring, orange (12v) wire or white (24v) wire to the vehicle panel lamp supply (after the fuse) and black wire to earth.
8. Check all connections are correct and secure. Reconnect battery (earth terminal last). Switch on ignition and check the fuel gauge indicates fuel level. Switch on panel lamps and check that the fuel gauge illuminates.

Warning! Flammable liquids.

"DO NOT'S"

Allow any naked lights or anything hot close to the vehicle.
Connect the fuel gauge to any other sender unit.

"DO'S"

Ensure there are no leaks from the tank or sender unit.
Always work in a well ventilated area.

DURITE®
Fuel Gauge
(electronic)
Part 0-523-06/56

Fitting Instructions

1. Ensure that the clock voltage matches the vehicle or system voltage (including illumination).
2. Choose a suitable location for the fuel gauge with adequate access to the rear of the meter for connections and fixings.
3. Switch off ignition and remove key. Disconnect battery (earth terminal first).
Note: before disconnecting battery make sure all system start up codes are known, i.e. coded radios etc.
4. Cut a 53 mm diameter hole at chosen location for the fuel gauge. Push meter into hole and fit the "U" bracket over mounting studs at the rear of the gauge. Fit washer(s) and nut to each stud. Align gauge and tighten nuts.
5. See reverse of this instruction leaflet for installation of the fuel tank sender unit.
6. Connect the terminal marked "+" to a suitable ignition controlled fused supply or positive feed and connect the terminal marked "-" to earth or negative feed. Connect the terminal marked "S" to the fuel tank sender terminal stud.
7. Connect the bulb wiring, orange (12v) wire or white (24v) wire to the vehicle panel lamp supply (after the fuse) and black wire to earth.
8. Check all connections are correct and secure. Reconnect battery (earth terminal last). Switch on ignition and check the fuel gauge indicates fuel level. Switch on panel lamps and check that the fuel gauge illuminates.

Warning! Flammable liquids.

"DO NOT'S"

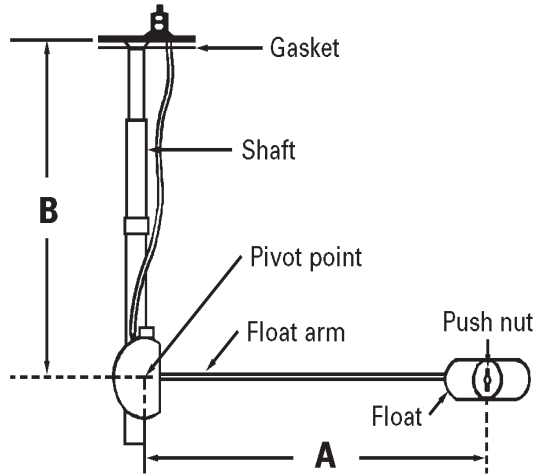
Allow any naked lights or anything hot close to the vehicle.
Connect the fuel gauge to any other sender unit.

"DO'S"

Ensure there are no leaks from the tank or sender unit.
Always work in a well ventilated area.

Tank depth"	Length in "	
	A	B
5	2 11/16	2 5/8
5 1/2	3	2 7/8
6	3 3/8	3 1/8
6 1/2	3 11/16	3 3/8
7	4 1/16	3 5/8
7 1/2	4 3/8	3 7/8
8	4 3/4	4 1/8
8 1/2	5 1/8	4 3/8
9	5 1/2	4 5/8
9 1/2	5 13/16	4 7/8
10	6 3/16	5 1/8
10 1/2	6 1/2	5 3/8
11	6 7/8	5 5/8
11 1/2	7 3/16	5 7/8
12	7 9/16	6 1/8
12 1/2	7 7/8	6 3/8
13	8 1/4	6 5/8
13 1/2	8 9/16	6 7/8
14	8 15/16	7 1/8
14 1/2	9 1/4	7 3/8
15	9 5/8	7 5/8
15 1/2	9 15/16	7 7/8
16	10 5/16	8 1/8
16 1/2	10 5/8	8 3/8
17	11	8 5/8
17 1/2	11 5/16	8 7/8
18	11 11/16	9 1/8
18 1/2	12	9 3/8
19	12 3/8	9 5/8
19 1/2	12 11/16	9 7/8
20	13 1/16	10 1/8
20 1/2	13 3/8	10 3/8
21	13 3/4	10 5/8
21 1/2	14 1/16	10 7/8
22	14 7/16	11 1/8
22 1/2	14 3/4	11 3/8
23	15 1/8	11 5/8
23 1/2	15 7/16	11 7/8
24	15 13/16	12 1/8
24 1/2	16 3/16	12 3/8
25	16 1/2	12 5/8
25 1/2	16 13/16	12 7/8
26	17 3/16	13 1/8
26 1/2	17 1/2	13 3/8
27	17 13/16	13 5/8

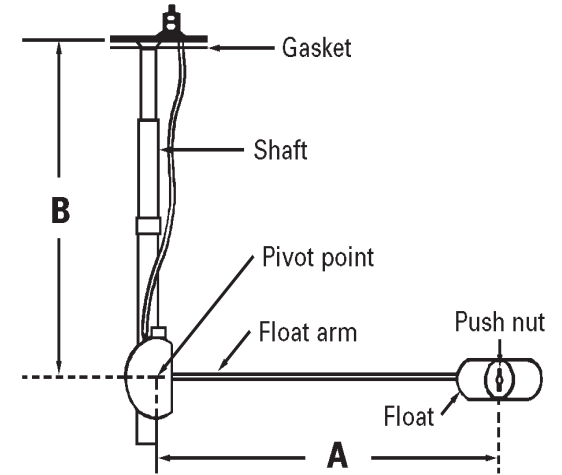
Cut a 38mm ø hole in the fuel tank, then offer up the sender unit to mark the 5 fixing screws, adjust the lengths of 'A' and 'B' to the adjacent chart to suit the tank depth, and fit.



Resistance = 30 - 240Ω

Tank depth"	Length in "	
	A	B
5	2 11/16	2 5/8
5 1/2	3	2 7/8
6	3 3/8	3 1/8
6 1/2	3 11/16	3 3/8
7	4 1/16	3 5/8
7 1/2	4 3/8	3 7/8
8	4 3/4	4 1/8
8 1/2	5 1/8	4 3/8
9	5 1/2	4 5/8
9 1/2	5 13/16	4 7/8
10	6 3/16	5 1/8
10 1/2	6 1/2	5 3/8
11	6 7/8	5 5/8
11 1/2	7 3/16	5 7/8
12	7 9/16	6 1/8
12 1/2	7 7/8	6 3/8
13	8 1/4	6 5/8
13 1/2	8 9/16	6 7/8
14	8 15/16	7 1/8
14 1/2	9 1/4	7 3/8
15	9 5/8	7 5/8
15 1/2	9 15/16	7 7/8
16	10 5/16	8 1/8
16 1/2	10 5/8	8 3/8
17	11	8 5/8
17 1/2	11 5/16	8 7/8
18	11 11/16	9 1/8
18 1/2	12	9 3/8
19	12 3/8	9 5/8
19 1/2	12 11/16	9 7/8
20	13 1/16	10 1/8
20 1/2	13 3/8	10 3/8
21	13 3/4	10 5/8
21 1/2	14 1/16	10 7/8
22	14 7/16	11 1/8
22 1/2	14 3/4	11 3/8
23	15 1/8	11 5/8
23 1/2	15 7/16	11 7/8
24	15 13/16	12 1/8
24 1/2	16 3/16	12 3/8
25	16 1/2	12 5/8
25 1/2	16 13/16	12 7/8
26	17 3/16	13 1/8
26 1/2	17 1/2	13 3/8
27	17 13/16	13 5/8

Cut a 38mm ø hole in the fuel tank, then offer up the sender unit to mark the 5 fixing screws, adjust the lengths of 'A' and 'B' to the adjacent chart to suit the tank depth, and fit.



Resistance = 30 - 240Ω