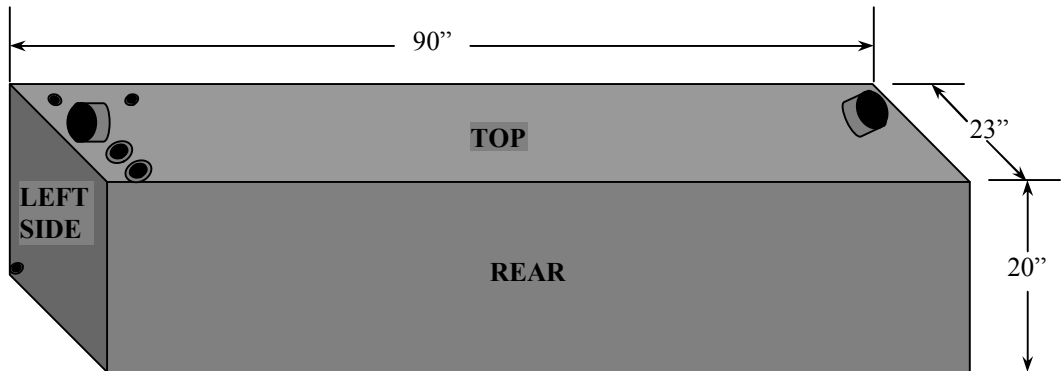


DIESEL TANKS

MAIN DIESEL TANK (Stewart Warner: Empty tank will read high ohm range -240 and go **DOWN** as you fill the tank.)

| | | | | | | | | | |
|------------------|------------------|--------|-----------|--|--------|---------|-----------|---------------------|------------|
| | Capacity (Gal.): | 175 | Material: | Welded Carbon Steel (at 16"H 148 gals) | | | | | |
| | Length | Height | Width | Total | Max. | Miles/ | Full Tank | Curr. Lvl | Curr Avail |
| | (in.) | (in.) | (in.) | (in. ³) | Cap. | Gal Avg | Miles | (in. ³) | Miles |
| Inner Dimension: | 89.875 | 19.875 | 22.875 | 40,861 | 176.89 | 7.5 | 1326.68 | 21,587 | 794.33 |
| Outer Dimension: | 90 | 20 | 23 | 41,400 | 179.22 | | | Curr Ht | Curr.Gal |
| | | | | | | | | 9 | 93.45 |



Left/Front Sensor: 117.2 Ω Ohms @ 13"

*Right/Rear Sensor: 219.3 Ω Ohms @ 13"

13"/20"=65%*175 gals=113.75 gals

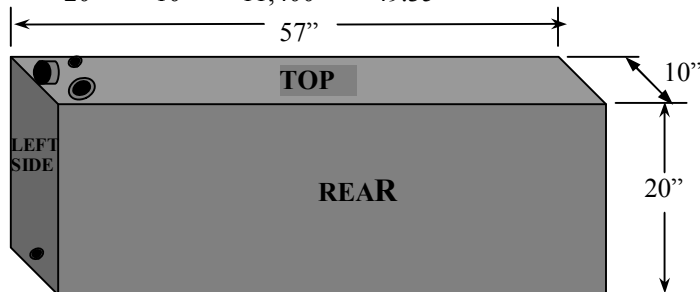
117.2 Ω -33 Ω /240=35.08%

175*35.08%=-61.39+175=113.61 gals

| Lvl. | Ohms | Gals. | SW Ohms |
|------|-------|--------|-----------|
| E | 240 Ω | 0 | 220-260 Ω |
| ¼ | 170 Ω | 43.75 | 150-190 Ω |
| ½ | 100 Ω | 87.5 | 80-120 Ω |
| ¾ | 65 Ω | 131.25 | 50-80 Ω |
| F | 33 Ω | 175 | 20-50 Ω |

GENERATOR DIESEL TANK

| | | | | | |
|------------------|--------|-----------|---------------------|---------------------|-------|
| Capacity (Gal.): | 48 | Material: | Welded Carbon Steel | | |
| | Length | Height | Width | Total | Max. |
| | (in.) | (in.) | (in.) | (in. ³) | Cap. |
| Inner Dimension: | 56.875 | 19.875 | 9.875 | 11,163 | 48.32 |
| Outer Dimension: | 57 | 20 | 10 | 11,400 | 49.35 |



18"/20"=90%*48=43.2 gals

Sensor: 55.1 Ω (Ohms) @ 18"

55.1 Ω -33 Ω /240 Ω =9.21%

48*9.21%=-9.41 gal + 48 gals = 43.58 Gals

| Lvl. | Gals. | Ohms | SW Ohms |
|------|-------|-------|-----------|
| E | 0 | 240 Ω | 220-260 Ω |
| ¼ | 12 | 170 Ω | 150-190 Ω |
| ½ | 24 | 100 Ω | 80-120 Ω |
| ¾ | 36 | 65 Ω | 50-80 Ω |
| F | 48 | 33 Ω | 20-50 Ω |

Tnk Lvl (in.) Gals./Lvl Sensor Ω

18 43.20 59.2 26.20

NOTE: At 60 degrees the volume of one gallon of diesel fuel is 231 cubic inches and diesel fuel pumps are metered to deliver a gallon of fuel equal to the 231 cubic inch standard