

FUEL SENDER CALCS FOR YAMAHA XV5950 V-STAR MULTI-FUNCTION METER INSTALLED ON YAMAHA XV595 BOLT

Percentage	XV5950 V-STAR METER (On DEM Bike)	XV595 BOLT METER (On DEM Bike)	XV5950 V-STAR METER (1304 Ohms Added)	XV5950 V-STAR METER (3228 Ohms Added)	XV5950 V-STAR METER (8065 Ohms Added)	Percentage
	Ohms	Ohms	Ohms	Ohms	Ohms	
100%	1720.0	1900.0	1206.4	1195.9	1173.2	100%
99%	1711.1	1894.5	1203.9	1193.5	1170.8	99%
98%	1702.2	1889.0	1201.4	1191.0	1168.5	98%
97%	1693.3	1883.5	1199.0	1188.6	1166.1	97%
96%	1684.4	1878.0	1196.5	1186.1	1163.8	96%
95%	1675.5	1872.5	1194.0	1183.7	1161.4	95%
94%	1666.6	1867.0	1191.5	1181.3	1159.0	94%
93%	1657.7	1861.5	1189.0	1178.9	1156.7	93%
92%	1648.8	1856.0	1186.6	1176.4	1154.3	92%
91%	1639.9	1850.5	1184.1	1173.9	1152.0	91%
90%	1631.0	1845.0	1181.6	1171.5	1149.6	90%
89%	1622.1	1839.5	1179.1	1169.1	1147.2	89%
88%	1613.2	1834.0	1176.6	1166.6	1144.9	88%
87%	1604.3	1828.5	1174.2	1164.2	1142.5	87%
86%	1595.4	1823.0	1171.7	1161.7	1140.2	86%
85%	1586.5	1817.5	1169.2	1159.3	1137.8	85%
84%	1577.6	1812.0	1166.7	1156.9	1135.4	84%
83%	1568.7	1806.5	1164.2	1154.4	1133.1	83%
82%	1559.8	1801.0	1161.8	1152.0	1130.7	82%
81%	1550.9	1795.5	1159.3	1149.5	1128.4	81%
80%	1542.0	1790.0	1156.8	1147.1	1126.0	80%
79%	1533.1	1784.5	1154.3	1144.7	1123.6	79%
78%	1524.2	1779.0	1151.8	1142.2	1121.3	78%
77%	1515.3	1773.5	1149.4	1139.8	1118.9	77%
76%	1506.4	1768.0	1146.9	1137.3	1116.6	76%
75%	1497.5	1762.5	1144.4	1134.9	1114.2	75%
74%	1488.6	1757.0	1141.9	1132.5	1111.8	74%
73%	1479.7	1751.5	1139.4	1130.0	1109.5	73%
72%	1470.8	1746.0	1137.0	1127.6	1107.1	72%
71%	1461.9	1740.5	1134.5	1125.1	1104.8	71%
70%	1453.0	1735.0	1132.0	1122.7	1102.4	70%
69%	1444.1	1729.5	1129.5	1120.3	1100.0	69%
68%	1435.2	1724.0	1127.0	1117.8	1097.7	68%
67%	1426.3	1718.5	1124.6	1115.4	1095.3	67%
66%	1417.4	1713.0	1122.1	1112.9	1093.0	66%
65%	1408.5	1707.5	1119.6	1110.5	1090.6	65%
64%	1399.6	1702.0	1117.1	1108.0	1088.2	64%
63%	1390.7	1696.5	1114.6	1105.6	1085.9	63%
62%	1381.8	1691.0	1112.2	1103.2	1083.5	62%
61%	1372.9	1685.5	1109.7	1100.7	1081.2	61%
60%	1364.0	1680.0	1107.2	1098.3	1078.8	60%
59%	1355.1	1674.5	1104.7	1095.9	1076.4	59%
58%	1346.2	1669.0	1102.2	1093.4	1074.1	58%
57%	1337.3	1663.5	1099.8	1091.0	1071.7	57%
56%	1328.4	1658.0	1097.3	1088.5	1069.4	56%
55%	1319.5	1652.5	1094.8	1086.1	1067.0	55%
54%	1310.6	1647.0	1092.3	1083.7	1064.6	54%
53%	1301.7	1641.5	1089.8	1081.2	1062.3	53%
52%	1292.8	1636.0	1087.4	1078.8	1059.9	52%
51%	1283.9	1630.5	1084.9	1076.3	1057.6	51%
50%	1275.0	1625.0	1082.4	1073.9	1055.2	50%
49%	1266.1	1619.5	1079.9	1071.5	1052.8	49%
48%	1257.2	1614.0	1077.4	1069.0	1050.5	48%
47%	1248.3	1608.5	1075.0	1066.6	1048.1	47%
46%	1239.4	1603.0	1072.5	1064.1	1045.8	46%
45%	1230.5	1597.5	1070.0	1061.7	1043.4	45%
44%	1221.6	1592.0	1067.5	1059.3	1041.0	44%
43%	1212.7	1586.5	1065.0	1056.8	1038.7	43%
42%	1203.8	1581.0	1062.6	1054.4	1036.3	42%
41%	1194.9	1575.5	1060.1	1051.9	1034.0	41%
40%	1186.0	1570.0	1057.6	1049.5	1031.6	40%
39%	1177.1	1564.5	1055.1	1047.1	1029.2	39%
38%	1168.2	1559.0	1052.6	1044.6	1026.9	38%
37%	1159.3	1553.5	1050.2	1042.2	1024.5	37%
36%	1150.4	1548.0	1047.7	1039.7	1022.2	36%
35%	1141.5	1542.5	1045.2	1037.3	1019.8	35%
34%	1132.6	1537.0	1042.7	1034.9	1017.4	34%
33%	1123.7	1531.5	1040.2	1032.4	1015.1	33%
32%	1114.8	1526.0	1037.8	1030.0	1012.7	32%
31%	1105.9	1520.5	1035.3	1027.5	1010.4	31%
30%	1097.0	1515.0	1032.8	1025.1	1008.0	30%
29%	1088.1	1509.5	1030.3	1022.7	1005.6	29%
28%	1079.2	1504.0	1027.8	1020.2	1003.3	28%
27%	1070.3	1498.5	1025.3	1017.8	1000.9	27%
26%	1061.4	1493.0	1022.9	1015.3	998.6	26%
25%	1052.5	1487.5	1020.4	1012.9	996.2	25%
24%	1043.6	1482.0	1017.9	1010.5	993.8	24%
23%	1034.7	1476.5	1015.4	1008.0	991.5	23%
22%	1025.8	1471.0	1013.0	1005.6	989.1	22%
21%	1016.9	1465.5	1010.5	1003.1	986.8	21%
20%	1008.0	1460.0	1008.0	1000.7	984.4	20%
19%	999.1	1454.5	1005.5	998.2	982.0	19%
18%	990.2	1449.0	1003.0	995.8	979.7	18%
17%	981.3	1443.5	1000.6	993.4	977.3	17%
16%	972.4	1438.0	998.1	990.9	975.0	16%
15%	963.5	1432.5	995.6	988.5	972.6	15%
14%	954.6	1427.0	993.1	986.1	970.2	14%
13%	945.7	1421.5	990.6	983.6	967.9	13%
12%	936.8	1416.0	988.2	981.2	965.5	12%
11%	927.9	1410.5	985.7	978.7	963.2	11%
10%	919.0	1405.0	983.2	976.3	960.8	10%
9%	910.1	1399.5	980.7	973.9	958.4	9%
8%	901.2	1394.0	978.2	971.4	956.1	8%
7%	892.3	1388.5	975.8	969.0	953.7	7%
6%	883.4	1383.0	973.3	966.5	951.4	6%
5%	874.5	1377.5	970.8	964.1	949.0	5%
4%	865.6	1372.0	968.3	961.7	946.6	4%
3%	856.7	1366.5	965.8	959.2	944.3	3%
2%	847.8	1361.0	963.4	956.8	941.9	2%
1%	838.9	1355.5	960.9	954.3	939.6	1%
0%	830.0	1350.0	958.4	951.9	937.2	0%

Full Tank (100%) - 16.7 L (4.41 US Gal, 3.67 Imp.Gal) (DEM)

Reserve (20.36%) - 3.4 L (0.90 US Gal, 0.75 Imp. Gal) (DEM)

Full Tank (100%) - 12.2 L (3.22 US Gal, 2.68 Imp. Gal) (DEM)

Reserve (22.95%) - 2.8 L (0.74 US Gal, 0.62 Imp. Gal) (DEM)

Full Tank (100%) - 12.2 L (3.22 US Gal, 2.68 Imp. Gal)

Reserve (20%) - 2.44 L (0.64 US Gal, 0.54 Imp. Gal)

Full Tank (100%) - 12.2 L (3.22 US Gal, 2.68 Imp. Gal)

Reserve (22.95%) - 2.8 L (0.74 US Gal, 0.62 Imp. Gal)

Full Tank (100%) - 12.2 L (3.22 US Gal, 2.68 Imp. Gal)

Reserve (30%) - 3.66 L (0.97 US Gal, 0.80 Imp. Gal)

Full Tank: 3.22 Gal @ 44 MPG 141.68 3.22 Gal @ 44 MPG 141.68 3.22 Gal @ 44 MPG 141.68  
 To LED ON: 2.58 Gal @ 44 MPG 113.52 2.48 Gal @ 44 MPG 109.12 2.25 Gal @ 44 MPG 99.00  
 Reserve: 0.64 Gal @ 44 MPG 28.16 0.74 Gal @ 44 MPG 32.56 0.97 Gal @ 44 MPG 42.68

1206.30 1196.02 1172.91  
 958.40 951.90 937.20  
 2.48 2.44 2.36  
 960.88 954.34 939.56

Reserve LED comes ON >>>

<<< Reserve LED comes ON