Performance

MENU → More .. → Performance

UltraGauge can measure both acceleration and braking performance.

Acceleration Performance	Braking Performance
0-30 MPH	30-0 MPH
0-60 MPH	60-0 MPH
0-100 KPH (Km/H)	100-0 KPH
0-100 MPH	100-0 MPH
0-1/8 Mile	N/A
0-1/4 Mile	N/A

Simply arm the gauge then go. As each Performance milestone is reached the time is displayed.   Once the desired milestone is reached, hard braking will measure the braking performance.   You may begin the braking measurement when any of the milestones are reached.

To start the performance monitor, enter the performance screen by selecting **MENU → More .. → Performance.**
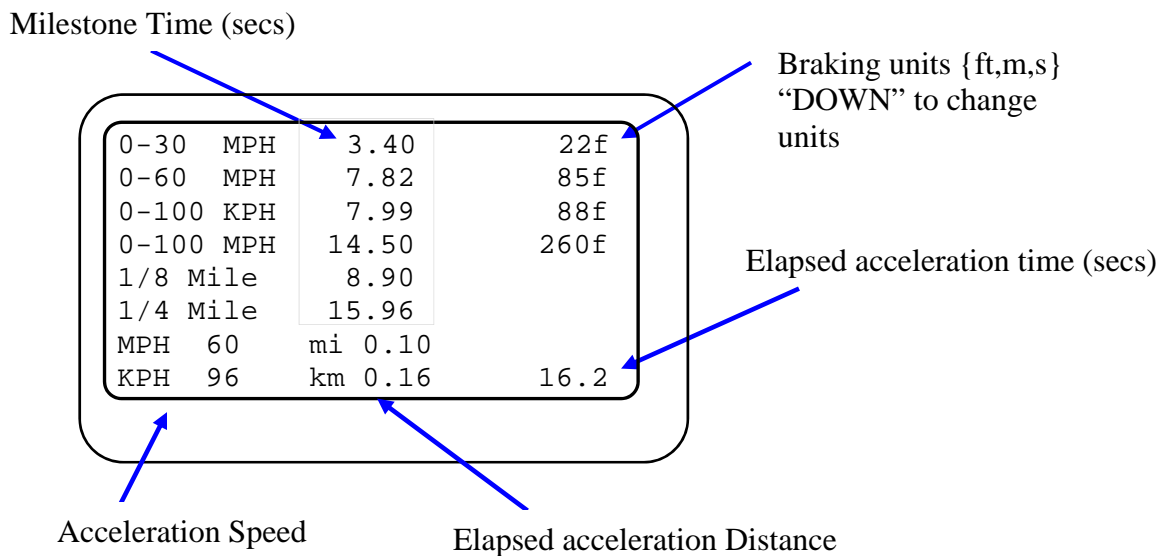If the vehicle is moving, the message "Not Rdy" will be displayed at the bottom of the screen. Once the vehicle is stopped, the "Ready" message will appear.   The vehicle can now begin accelerating. If the speed does not reach the first milestone and the speed drops back to zero, then the gauge will rearm and display "Ready".
Once the performance measurement is started, the real-time speed, distance & time will be displayed at the bottom of the screen. When the vehicle begins to slow*, the display of these parameters will freeze.   Once the vehicle <u>stops</u>, the braking data will be displayed.

The Feet, Meters, and Seconds for each of the braking milestones can be displayed.   Once <u>stopped</u>, the braking data can be toggled by pressing the "DOWN" Key. To leave the Performance screen, press MENU.

To repeat the measurements, exit the Performance screen and then re-enter.

Milestone Time (secs)

Braking units {ft,m,s}
"DOWN" to change units

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0-30   MPH     3.40         22f
0-60   MPH     7.82         85f
0-100  KPH     7.99         88f
0-100  MPH    14.50        260f
1/8 Mile       8.90
1/4 Mile      15.96
MPH   60    mi 0.10
KPH   96    km 0.16        16.2
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Elapsed acceleration time (secs)

Acceleration Speed

Elapsed acceleration Distance

The performance screen is only intended to measure sharp acceleration and braking. It is not meant for any other purpose beyond this. As a result do not leave this screen up while driving as the times and distances will quickly grow too large to fit in the area provided. In general, the elapsed time should not be allowed to exceed 99 seconds. No harm to the gauge will occur; the display will just become overrun with data.

* Note: The Deceleration phase begins when the speed drops through the last achieved acceleration threshold of 30, 60 or 100MPH. For example, if the speed crosses over 60MPH and increases to 70MPH, the deceleration phase begins when the speed drops below 60MPH. Likewise, if the speed just reaches 60MPH, and the vehicle is shifted slowly, causing the speed to drop below 60MPH, the deceleration phase will begin.   The Acceleration numbers will freeze when the deceleration phase begins.