

Squad car notes:

Powertrain warranty is 5 years or 100,000 miles. On several vehicles oil leaks have developed and water pumps leaked where we have had to take it in for warranty repairs. These would be very costly if we had to pay for these repairs as in many cases special tools are required to perform the repairs-we do not have the tools. On the squad cars they also have an engine idle hour meter. It measures the amount of time the engine is at idle when the transmission is in park-not moving. Examples of this would be when the officer is at an accident scene-has someone pulled over-or maybe doing traffic control. Ford equates each idle hour to 33 miles driven as far as calculating engine oil change intervals and wear on the engine. As an example if you have 3000 miles on the odometer and 100 idle hours between the last oil change it would equate to changing the oil at 6300 miles. $(100 \text{ idle hours} \times 33 = 3300)$ plus the 3000 miles would equal 6300 miles. Another example is we have a vehicle that has 74,559 miles on the odometer but it also has 6715 idle hours on it. If you multiply $6715 \times 33 = 221,595$ and add the two together

you get a total of 296,154 miles on the engine. On these cars with the higher mileage oil leaks-water pumps and other potential issues become much more likely. These cars also have seats that are broken down-about \$300.00 to repair-driver's door panels that are shot-about \$500.00 to replace.