

Quick and Easy Temperature Conversion

Temperature in service information and on scan tools are often expressed in degrees Celsius, which is often confusing to those used to temperature expressed in Fahrenheit degrees. A quick and easy way to get an *approximate* conversion is to take the degrees in Celsius, double it, and add 25.

For example,

Celsius \times 2 + 25 = approximate Fahrenheit degrees:

$$0^{\circ}\text{C} \times 2 = 0 + 25 = 25^{\circ}\text{F} \text{ (actual} = 32^{\circ}\text{F)}$$

$$10^{\circ}\text{C} \times 2 = 20 + 25 = 45^{\circ}\text{F} \text{ (actual} = 50^{\circ}\text{F)}$$

$$15^{\circ}\text{C} \times 2 = 30 + 25 = 55^{\circ}\text{F} \text{ (actual} = 59^{\circ}\text{F)}$$

$$20^{\circ}\text{C} \times 2 = 40 + 25 = 65^{\circ}\text{F} \text{ (actual} = 68^{\circ}\text{F)}$$

$$25^{\circ}\text{C} \times 2 = 50 + 25 = 75^{\circ}\text{F} \text{ (actual} = 77^{\circ}\text{F)}$$

$$30^{\circ}\text{C} \times 2 = 60 + 25 = 85^{\circ}\text{F} \text{ (actual} = 86^{\circ}\text{F)}$$

$$35^{\circ}\text{C} \times 2 = 70 + 25 = 95^{\circ}\text{F} \text{ (actual} = 95^{\circ}\text{F)}$$

$$40^{\circ}\text{C} \times 2 = 80 + 25 = 105^{\circ}\text{F} \text{ (actual} = 104^{\circ}\text{F)}$$

$$45^{\circ}\text{C} \times 2 = 90 + 25 = 115^{\circ}\text{F} \text{ (actual} = 113^{\circ}\text{F)}$$

$$50^{\circ}\text{C} \times 2 = 100 + 25 = 125^{\circ}\text{F} \text{ (actual} = 122^{\circ}\text{F)}$$

The simplest way to convert between the Fahrenheit and Celsius scales accurately is to use a conversion chart or use an app on a smart phone.