



# Trip

## User Manual

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CodeInventors Trip

Journey cost | MPG | Fuel per journey | Fuel per cost

**Calculate how much a journey will actually cost**

Cost per litre  e.g: 97, 98.9 or 107 (pence, cents etc)

MPG

Distance miles

The journey would cost you £16.81 (£0.13 per mile), and you would get 2.84 gallons of fuel (12.93 litres)

Trip - Thursday, 29 January 2015

Imperial (UK)

Load last saved file when app starts All results are approximations.

## Introduction

Trip lets you determine various motoring costs and perform conversions between popular motoring values (MPH to KPH, for example). You can calculate the cost of a journey, your average MPG, how much fuel would be needed for a journey, and how much fuel you get for your money.

*Mac users: Due to Apple sandboxing requirements the app needs permission to use files in your folders. When you add a file, you will be asked to confirm access to it's parent folder. Just click "CONFIRM". You will not be asked to do this again for that folder, but any different folders you select from might trigger another confirmation. To prevent being asked for confirmation a lot of times, simply select the highest level folder you can, close to the root (first) folder of the drive/image you are using. For example, selecting your user account folder will give the app access to all the common folders within your user account (Pictures, Movies, Documents, Music etc).*

*If you encounter repeated requests to confirm folder access, despite having already given it, reset permissions using the 'Reset permissions' option under the File menu. You may need to do this if you delete the app and later re-install it.*

## Journey cost

To calculate how much a journey will actually cost, supply the cost per litre of fuel (in pence or cents etc, e.g: 107 if it is £1.07p), supply your Miles Per Gallon (MPG) and the distance of the journey in miles.

## MPG

To calculate your real-life Miles Per Gallon, supply the cost per litre of fuel, how much you bought (e.g: 20 for £20), and the distance you covered in miles before needing to refill.

Fuel per journey

## Fuel per journey

To calculate how much fuel you will need for a given journey enter your Miles Per Gallon and the distance of the journey in miles.

## Fuel per cost

To calculate how many gallons/litres you will get for a given amount of money, enter the cost per litre and how much you spent at the pump. In addition, to determine how far this fuel would take you enter your Miles Per Gallon.

## New

The "New" button will clear all input data and results, and clear the current filename (in effect, ready for you to start/save to a new file). The "Clear" button does the same except that it does NOT clear the file name.

## Load

The "Load" button allows you to select a previously saved MacAppStuff Trip file (they have the extension .mastrip). The fields (MPG, Cost per liter etc) will all be filled with the saved data.

## Save as

The “Save as” button allows you to save the current input data (MPG, cost per litre etc) and results to a text file. You can call the file whatever you wish, but the extension “.mastrip” will be added to the filename.

When you quit the application the file is automatically saved.

If you have checked “Load last saved file when app starts” the same file will be loaded the next time you start the application.

## Clear

The “Clear” button will clear all input data and results.

## Copy

The “Copy” button will copy to the clipboard the results of the current calculation (e.g: Journey cost).

## Options, tools and conversions

### Imperial or Metric?

Using the pop-up menu you can select whether to use Imperial or Metric calculations for measurements in gallons/litres.

### When application starts load the last saved file

When checked, this option will automatically load the last file you were using when the application next starts.

### Launch calculator

Attempts to run the system’s “Calculator.app” application in the Applications folder (or Calc.exe under Windows) so you can perform any necessary calculations yourself.

### Conversions

Allows you to perform conversions between the following popular motoring values:

- MPG and Litres/100 Kilometers
- Miles Per Gallon and Miles Per Litre
- Miles and Kilometers (MPH and KPH)
- BHP and PS
- Lbf/ft and Nm (torque)

**Conversion methods**

Convert between MPG and Litres per 100 Kilometers

**9.112903 L/100KM**

Convert between Miles Per Gallon and Miles Per Litre

**6.819182 Miles Per Litre**

Convert between Miles and Kilometers (and MPH <> KPH)

**96.56064 Kilometers**

Convert between BHP and PS

**324.44 PS**

Convert torque between Lbf/ft and Nm

**236.02 Nm**

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Using the “Copy” button on the Conversions window you can copy all the results to the clipboard.

## Contact

If you have any questions about this product please contact us:

Email: [support@codeinventors.com](mailto:support@codeinventors.com)

Or visit our website:

<http://www.codeinventors.com>