

# RMRFuel

## *Fuel Consumption Monitor*

(for Symbian OS7 UIQ – Sony Ericsson P800/P900)

## User Guide



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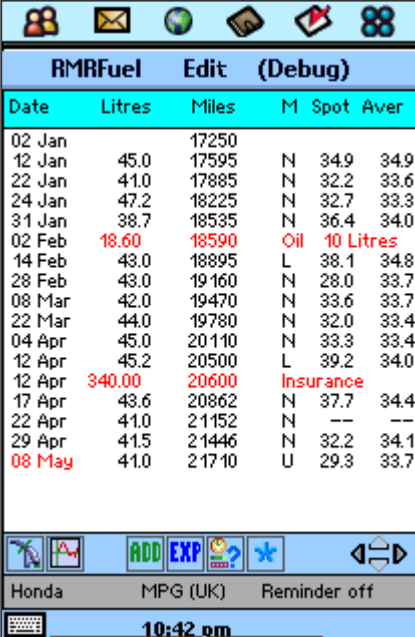
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## RMRFuel Overview

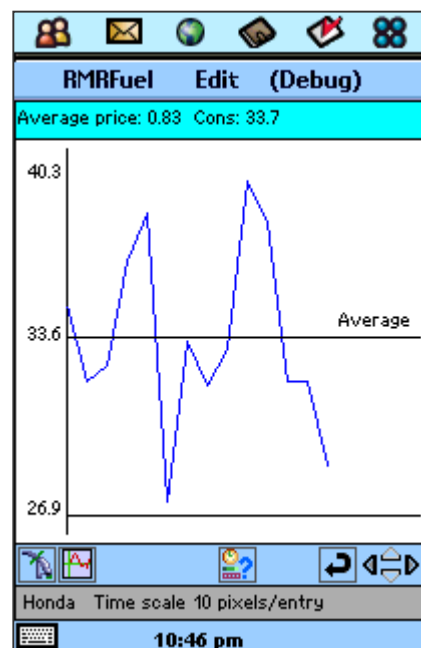
RMRFuel 'Fuel Consumption Monitor' allows you to keep track of the fuel consumption details for up to 10 vehicles. There are 2 screen views:

- **Fuel** view – the main screen which allows entry and viewing of all the current and historical values.
- **Graph** view – shows the fuel consumption history as a graphical plot.



RMRFuel Edit (Debug)						
Date	Litres	Miles	M	Spot	Aver	
02 Jan		17250				
12 Jan	45.0	17595	N	34.9	34.9	
22 Jan	41.0	17885	N	32.2	33.6	
24 Jan	47.2	18225	N	32.7	33.3	
31 Jan	38.7	18535	N	36.4	34.0	
02 Feb	18.60	18590	Oil	10 Litres		
14 Feb	43.0	18895	L	38.1	34.8	
28 Feb	43.0	19160	N	28.0	33.7	
08 Mar	42.0	19470	N	33.6	33.7	
22 Mar	44.0	19780	N	32.0	33.4	
04 Apr	45.0	20110	N	33.3	33.4	
12 Apr	45.2	20500	L	39.2	34.0	
12 Apr	340.00	20600	Insurance			
17 Apr	43.6	20862	N	37.7	34.4	
22 Apr	41.0	21152	N	--	--	
29 Apr	41.5	21446	N	32.2	34.1	
08 May	41.0	21710	U	29.3	33.7	

Honda MPG (UK) Reminder off 10:42 pm



To switch between the two views, select **Fuel** or **Graph** from **View > Switch view** menu or tap on the icons on the bottom button bar.

Use **Create new vehicle** to make a file for each of the vehicles you use, and **Open vehicle** to switch between files.

Use **Edit > Add entry** every time you fill your vehicle with fuel, and enter the details of your purchase.

Use **Edit > Add expense** to enter details of any associated vehicle running costs, such as oil, servicing, insurance, and repairs.

The program will calculate the fuel consumption and cumulatively list the details of all your purchases on screen:

- Date of purchase
- Number of gallons/litres purchased, or alternatively (changed in Preferences) the total Cost paid, or the Price of a gallon/litre
- Odometer reading in miles/kilometers
- Mode – category type for the journey
- Spot fuel consumption since the last reading
- Running average fuel consumption

At the bottom of the screen a button bar has a series of buttons for quick actions (from left to right):

- view Fuel screen
- view Graph screen
- Add fuel entry
- add Expenses entry





- view Statistics
- \* user defined action (set in Preference)
- Go back (in Graph screen)
- 4-way scroll arrows.

Use **Statistics** to show you many details of your fuel, costs and vehicle usage calculated from your data, and **Export history** to output the data to a text file.

Use **Set reminders** to create up to 5 reminders for servicing events etc triggered by date or distance.

There are **Backup** and **Restore** options in the **Data** menu to allow you to keep a copy of your data elsewhere on the system for security, and to restore it if necessary.

The program has many **Preferences** options to configure the Display, Units, Decimal places, and Colour configurations. Help information is available throughout the program and from the (i) icon on each dialog titlebar.

## Graph screen

This view shows a graphical representation of the spot consumption values over the complete history of the vehicle.

Options in **Preferences** allow you to configure the graph scales and colours.

There are menu options to **Open vehicles**, **Edit memo**, view the **Statistics**, and **Reset start date**.

Use **Switch view > Fuel**, or the **Fuel** button, or the 'Go back' button to return to the main screen.

## Moving around entries and files

There are various shortcut methods for moving around the screens. In most screens:

- **Tap** on an entry to select it.
- Tap on the **Up/Down arrows** on the 4-way scroll button to move a screenful at a time.
- Tap on the **Left/Right arrows** on the 4-way scroll button to cycle through files of the same type, e.g: switches Groups in Accounts screen, switches Accounts in Transactions screen, etc.
- Jog-dial up/down scrolls the highlight.
- Push in jog-dial acts as 'select'.





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## Registering the program

If you wish to register your copy, which will then give you full access to the program, and no nag screen, the cost is £10 or US\$15. There are several ways to register:

### Credit Card:

If you wish to register on-line using a credit card you have 2 options:

### PAYPAL:

We now support the PayPal system for transferring of money, as that avoids the \$5 handling charge put on by REGNET. Simply send the money to [alan@rmrsoft.com](mailto:alan@rmrsoft.com) quoting the program name, RMRBank (UIQ), and we will send the registration code to you within a few hours.

If you are not already signed up for PayPal it is very straightforward. Just go to [www.paypal.com](http://www.paypal.com) and follow the instructions. You even get a \$5 bonus for signing up.

### REGNET:

Alternatively, you can register on the WWW through RegNet, the Registration Network (note that paying by this method will involve an extra US\$5 handling charge and if you live in the EU they will also charge VAT). RegNet can be reached by e-mail: [orders@reg.net](mailto:orders@reg.net) or on the World Wide Web: <http://www.reg.net> or in the USA by calling 1-800-WWW2REG (1 800 999-2734) or the easiest way is by following the links from our Home page at:

<http://www.rmrsoft.com/>

RMRBank (UIQ) has been allocated the RegNet Number **13814** and this should be quoted. The notification tends to get to us within 12 hours and we reply within another 12 hrs.

### By Post:

Payment can be made by post as:

- UK cheque in GBP (NO cheques in foreign currencies or on non-UK banks)
- International Bankers Draft in Sterling
- Cash - 'real folding' money in any currency
- US\$ checks (send to the USA address)

Please make any cheques (checks) payable to 'RMR Software' and include a stamped, self-addressed envelope or provide an E-Mail address, and send to either of these addresses:

RMR Software  
c/o 46 Mortimer Road  
Kempston  
Bedford MK42 8RE  
ENGLAND

RMR Software  
c/o 6000 Natick Court  
Burke, VA 22015  
USA

We will then send you a unique code to enter with the **Register** menu option, which will allow you unrestricted use of the program.

If you have any questions, we can be contacted at [support@rmrsoft.com](mailto:support@rmrsoft.com)



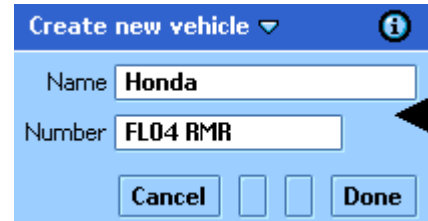
## Vehicle files

### Creating vehicle files

Use **Create new vehicle** to start a separate file for each of your vehicles (up to 10), and enter:

- the vehicle **Name**.
- the registration or licence **Number** of the vehicle for information purposes.

The name will be shown on the bottom bar of the Fuel screen and used in selection dialogs.



### Opening vehicles

If you have more than one vehicle file, use **Open vehicle** to switch files to view, or tap on the vehicle name on the bottom bar.



Alternatively, tap on the left / right arrow buttons to cycle round them in order.

### Updating vehicle files

Use **More > Rename vehicle** to change any name or number details.

Use **More > Delete vehicle** if you no longer want the vehicle file.



## Data entries

### Entering fuel purchases

Each time you put fuel in your vehicle record the fuel purchase in *RMRFuel*. Use **Add entry** or the **Add** button, and complete the following details:

- **Date** of purchase.
- total **Amount paid**.
- **Distance method**. Whether you will enter the distance as the 'Total' odometer reading or the 'Elapsed' trip distance since the last fuel stop.
- Distance **miles** or **kilometres**. The total odometer reading or the elapsed trip distance, depending on your Distance method setting.
- **Unit**. Specify whether you will use UK or US gallons or litres, for the fuel quantity.
- **Value type**. Specify whether you will enter the Fuel purchased as Total units or in Price/unit (when the program will calculate the number of units from the total amount paid).
- **Value**. The total quantity of fuel, or the price per unit (according to your Value type setting above).
- Declare if this was a **Full tank** (if No, the consumption will not be calculated until the next fill to keep a constant baseline).

Optionally use the **More** button to specify:

- **Driving mode**. Your categorisation of the type of driving since the last fuel stop, as 'Normal', 'Urban' or 'Long-Distance'.
- Any notes in the **Remarks** field.



By defining entries according to the type of driving performed, the driving mode indicator (M column) will help to show when you might expect different consumption values.

Then tap **Done** to save the fuel details to the screen.

**Note:** The first entry you make is simply a start point, so no calculations will be carried out. The distance must be entered as the Total distance, but subsequent entries can be Elapsed distance.



The units for entry can be different from those displayed in the main screen, so you can enter in litres but view in gallons if you wish.

### Entering vehicle expenses

This allows you to keep records of other non-fuel purchases for your vehicle, for example oil top-ups, servicing, repairs, and insurance. Use **Add expense** or the **Exp** button and complete the details:

- **Date** of purchase.
- **Amount paid**.
- **Category**, as Oil, Servicing, Repairs, Insurance or Other.



- the odometer **Distance**.

If **Oil** or **Other** is selected as the **Category**, a further dialog will appear to for entering details of the quantity or description.

The entry will be displayed in the Fuel screen but purely as a record of your expenditure, although the costs will be included in the running **Statistics**.



Expense entries can be shown in a different colour, defined in **Preferences**.

## **Updating entries**

To correct any values for a fuel or expense entry, first tap to highlight it and then use **Update entry** or tap on the entry again. The update dialogs are simplified versions of those for **Add entry**.



If entries appear out of date-sequence after updating, use **Sort entries** to correct the order.

If a line was entered in error, highlight it and then remove it using **Delete entry**. Note that you cannot delete the first baseline entry.

## Other functions

### Exporting fuel history

Use **Data > Export history** to save the full history details from the Fuel screen as a text file in a <Tab> delimited format. The output file will be named Fuel.txt and be saved in the \Media Files \Documents \RMRExport folder on your smartphone,

The files can then be used in the built-in applications, or copied from your smartphone with the PC Connect software for use in other PC programs.

### Data backup and restore

Under **RMRFuel > Data** menu there are **Backup data** and **Restore data** options.

**Backup data** allows you to keep a copy of your financial data elsewhere on the system for security.



The set of backed up data files is stored in the \Media Files \Documents \RMRBackups \RMRFuel folder on your smartphone, where it can be accessed by the PC Connect software.

If necessary use **Restore data** to restore all datafiles in the case of data loss.

**Note:** All current data in the program will be overwritten by restoring the backed up data.

### Edit memo

The **Edit memo** feature allows you to keep notes for each of your vehicles. Use this for records of servicing, insurance details or any other information about the vehicle.

### Jump to date

Use **Jump to date** to quickly find a particular dated entry in the Fuel screen. The highlight will move to the nearest entry.

### Reset start date

If your vehicle file becomes too large, or you no longer wish to keep old data, a **Reset start date** option is available in both screens. This allows you to set a new start date for the vehicle file, and remove all earlier entries from the history.

### Reminder function

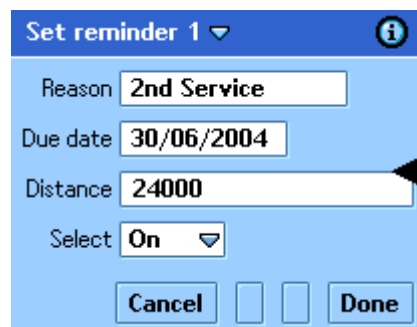
Use the **Set reminder** option to track up to 5 scheduled services, or other events that happen regularly, e.g. every 6 months or 9000 miles.

- Select a reminder **Number**
- Enter a description in the **Reason**.
- Set the **Due date** and/or
- Set a **Distance** when it is due.
- Select it **On**.



The reminder status is indicated on the bottom bar of the screen, which can be tapped to set the reminder on/off.

The reminder will be triggered as the date or distance is approached or past, and the program will present a warning. You have the option to:







- **Reset** – set a new date or distance for the next reminder,
- **Acknowledge** – the same message will be presented again at the next entry,
- **Clear** – turn that reminder off.

Reminder 1

2nd Service will probably be due before the next purchase

Clear

Reset Acknowledge

## Vehicle statistics

The **Statistics** option shows four screens with useful summaries of your vehicle usage calculated from your data. These include:

- Totals of distance, fuel used, costs and a cost per mile (or km)
- Oil bought and consumption rate.
- Expenses totals for servicing, repairs and insurance
- Averages of cost per month, consumption, fuel price, distance and days per fuel fill

Total

Total distance 4464 Miles  
Total fuel 605.2 Litres  
Total cost 860.59  
Total fuel cost 501.99  
Total cost/miles 0.19

Done

Oil Expenses Average

Oil

Total oil 10.00  
Cons 446.40

Cancel Done

Expenses

Servicing 0.00  
Repairs 0.00  
Insurance 340.00

Cancel Done

Average

Average cost/month 179.29  
Average MPG (UK) 33.5  
Average price 0.84  
Average distance/entry 297 Miles  
Average days/entry 9

Cancel Done



Statistics can also be quickly accessed by tapping on the statistics button on the button bar.

## Zoom

Use the **Zoom** facility in all screens to set your preferred font size as Small, Medium and Large.

**Note:** This feature is temporarily disabled because the font feature of OPL has not been implemented yet.



## Configuration

### *Fuel preferences : General*

Use the **Preferences > General** option in the Fuel screen to configure:

- **User button.** A spare \* button on the button bar can be set to operate your preferred action either – Update, Delete, Export, or Edit memo.

### *Fuel preferences : Display*

Use the **Preferences > Display** options in the Fuel screen to configure the display:

- **Date format.** Gives a choice of various international date formats.
- **Second column** allows you to choose which value to display – Gallons/Litre, Cost or Price.
- **Distance.** Allows the Total cumulative or Elapsed 'mileage' between entries to be shown on screen.
- **Mode display.** Define whether to show All modes, All except normal, or None of the driving mode attributes on screen in the M column.



These preferences can be quickly accessed by tapping on the screen column titles.

### *Fuel preferences : Units*

Use the **Preferences > Units** options in the Fuel screen to configure:

- **Measure.** To use gallons (UK Imperial or US) or Litres.
- **Distance.** To use miles or kilometres.
- **Consumption units.** From a range of international formats.



The units for display can be different to the units used in the **Add entry** dialog.

### *Fuel preferences : Decimal places*

Use the **Preferences > Decimal places** options in the Fuel screen to configure:

- Individually set your individual preferences for the decimal places displayed on screen for the **Price**, **Cost**, **Quantity** of fuel, and the **Consumption** units.

### *Fuel preferences : Colour*

Use the **Preferences > Colour** options in the Fuel screen to set your colour preferences:

- for the column **Header** window,
- to identify **Expenses** entries.

When accessed from the Graph screen there is a further option for:

- **Graph** line colour.

### *Fuel preferences : Graph*

Use the **Preferences > Graph** options in the Graph screen to configure:

- **Time scale Pixels/entry** for the number of pixels per date entry on the horizontal axis. Set to smaller numbers as your history file grows.



- **Position** of the x-axis line as Top, Centre, or Bottom.
- **Consumption (Y)-scale Mode** to Auto or Manual. Under Auto mode the vertical consumption axis is scaled to fit the range of data values.

If Manual is selected, a further dialog is presented for:

- **Highest value** and **Lowest value** for you to set the vertical Y axis limits.



These preferences can be quickly accessed by tapping on the bottom screen bar.