

Maintenance Mate | User Manual

Service light reset tool for Triumph motorcycles | Model: MM-T02/T03/T04/T05

1. Foreword

Before using this product please ensure the bike is compatible with this tool. See the part number on the packaging and use the **Product Advisor** on our website to check compatibility. For more information on this product, please visit:

www.healtech-electronics.com/MM

Congratulations on your purchase of a Maintenance Mate service light reset tool. Products from HealTech Electronics Ltd. are the most advanced aftermarket accessories and maintenance tools for motorcycles.

The Maintenance Mate is compatible with a wide range of Triumph motorcycles (2010 onwards, depending on model) that have a service interval indicator light (small wrench symbol) on the dashboard.

When the ignition key is switched on and the *distance to service* is 800 km (500 miles) or less, the service symbol will be displayed for 3 seconds and the dash will show the distance remaining.

When the remaining distance is 0 km (0 miles), the service symbol will stay permanently on until the service has been carried out and the service interval & date has been set. If the service is overdue, the distance will be displayed as a negative number or you will see an OVERDUE warning with the wrench symbol (depending on the bike model).

The Maintenance Mate will set the service interval & date on the bike without the need for a complex and expensive OBD tool. Faster, easier and more efficient for busy workshops.

2. Features

➔ Touch control

Set the next interval with ease using the touch pads. The touch-sensitive area is marked with arrow signs pointing up and down on the face of the unit.

➔ Built to last

- Rugged design, encased in epoxy resin.
- Only high-quality SMD components used.
- Each unit is extensively tested prior to shipping.
- Oil and water resistant (IP68).

➔ Cost effective option

Save on service bills! The MM is an economical solution for bike owners who can do their own maintenance.

Save on servicing time! No need for laptops or dedicated OBD tools. Faster turnaround and lower costs for workshops.

➔ Light and small

The unit itself is hardly larger than the OEM diagnostic connector it connects to.

3. Warranty

HealTech Electronics Ltd. guarantees this product against defects in material and workmanship for a period of two (2) years.

The warranty period starts from the date of the original purchase as shown on the invoice.

4. Specifications

- Supply voltage: +8V to +24V
- Max. supply current at 12V: 60 mA
- Operating temp: -40°C to +80°C (-40°F to +176°F)
- Waterproof (IP68)
- Size: 59 x 35 x 17 mm (2.3 x 1.4 x 0.7 inches)
- Reverse polarity and transient protection

5. Cleaning and storing the unit

Clean the unit with a wet sponge. Use water only, without any detergents. Do not clean with a dry cloth as it may scratch the front face.

6. Operation

- If the speedometer is set to MPH reading, change the indication in the dash menu from MPH to Km/h.
- Locate the diagnostic connector (usually it's under the rider's seat and has a removable cap):
 - MM-T02/T04: BLACK, 16-pole
 - MM-T03/T05: RED, 6-pole
- Connect the MM unit.
- Make sure the engine stop switch is in the RUN position, the ignition key is switched ON and the gearbox is in Neutral. Do NOT start the engine.
- Now a number (0-20) should appear on the display of the unit, depending on the last successful upload. Otherwise, check that the connectors are fully mated and there are no bent terminals.
- The service interval can be set between 0-20,000 km.
- Now set the desired service date as well, otherwise the OVERDUE message won't disappear from the Service menu.
- After setting the service date, check in the service menu, whether both service interval and date is successfully set or not. If yes, job done!

➔ Displayed values and their meanings

	The service interval is set to 0 and the small wrench symbol lights up.		Sets 10,000, 11,000, 12,000, ... 20,000		
	Sets 100, 200, 300, ... 900		Error - setting the service interval failed.		
	Sets 1,000, 2,000, 3,000, ... 9,000		Upload - the selected service interval was uploaded successfully.		
	Adjusts the year of the service date		Adjusts the month of the service date		Adjusts the day of the service date

➔ Changing the value

With the UP and DOWN arrow symbols select the desired value between 0 and 20,000 km. Tap and release one of the touch pads to change the value by one. Hold the pad continuously to change by more.

➔ Setting the service interval

Touch and hold both the UP and DOWN arrow keys. After about 3 seconds the 'UP' sign will flash a few times on the display, indicating the upload was successful. Release the touch pads. If the upload fails, an 'Er' (Error) sign will appear. Check that this motorcycle actually has a service interval indicator. If so, repeat the steps described in chapter 5 and try setting a lower service interval.

Note:

- If you perform the upload more than once, only the last uploaded interval will be set.
- If you attempt to set a value higher than valid for a particular motorcycle, the highest valid value will be set. Please refer to the bike's Service Manual.

➔ Setting the service date

As soon as you uploaded the service interval value, a 'd1' sign will appear and a number right after. 'd1' stands for the year in the service date. Select the desired value and hold both the UP and DOWN arrow keys for about 3 seconds. A 'd2' sign will appear, which stands for the month of the service date. Set it the same way as the year. Now a 'd3' will appear, which is the day of the service date. Set the desired value and hold both the UP and DOWN arrows for 3 seconds. The 'UP' sign will flash a few times on the display, indicating the upload was successful.

➔ Verifying the stored service interval and service date

- Turn the ignition key off, wait at least 5 seconds then turn on again. Make sure the engine stop switch is in the RUN position and the gearbox is in Neutral.
- Scroll through the menu of the bike's instrument panel to the SERVICE menu. There you find both the service distance and the service date.
- If the desired value is shown, disconnect the MM tool. Otherwise, repeat the process.
- If the speedometer was in MPH reading prior to the procedure, change the indication in the dash menu back from Km/h to MPH.