

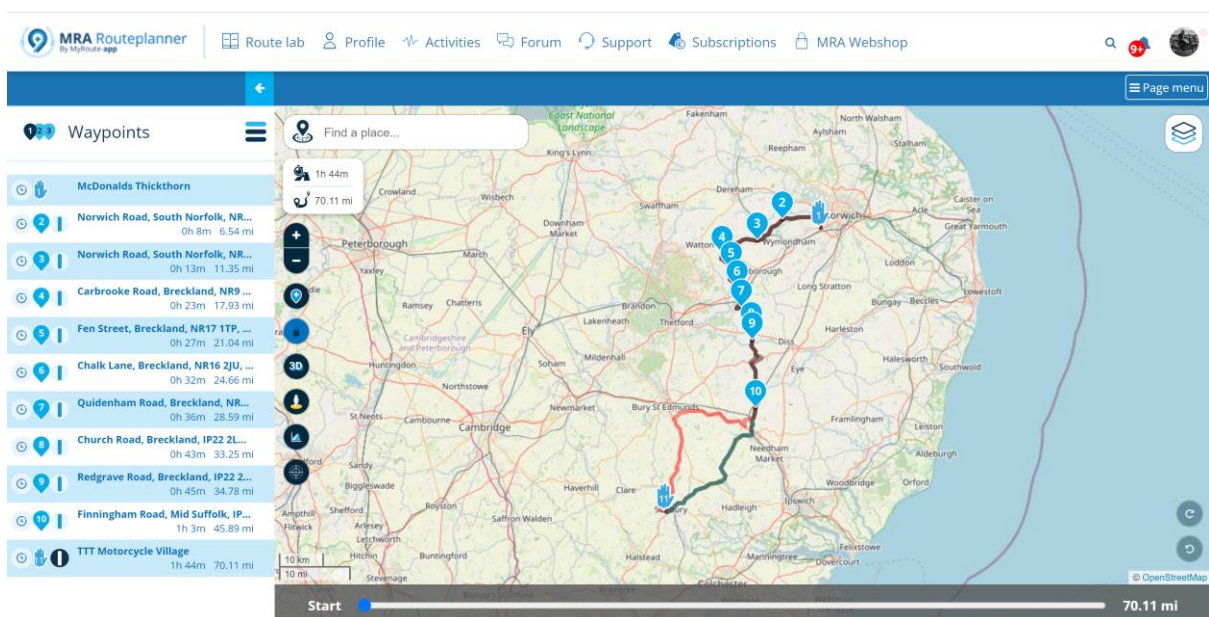


MRA Route Compare

Have you ever wondered why when routes are posted your Garmin or TomTom sat nav sends you on a different route or shows a different time / distance to others in your group, here is why!

The reason is because every Satnav manufacturer uses different algorithms to each other to plan and calculate that route, so there will inevitably be some difference.

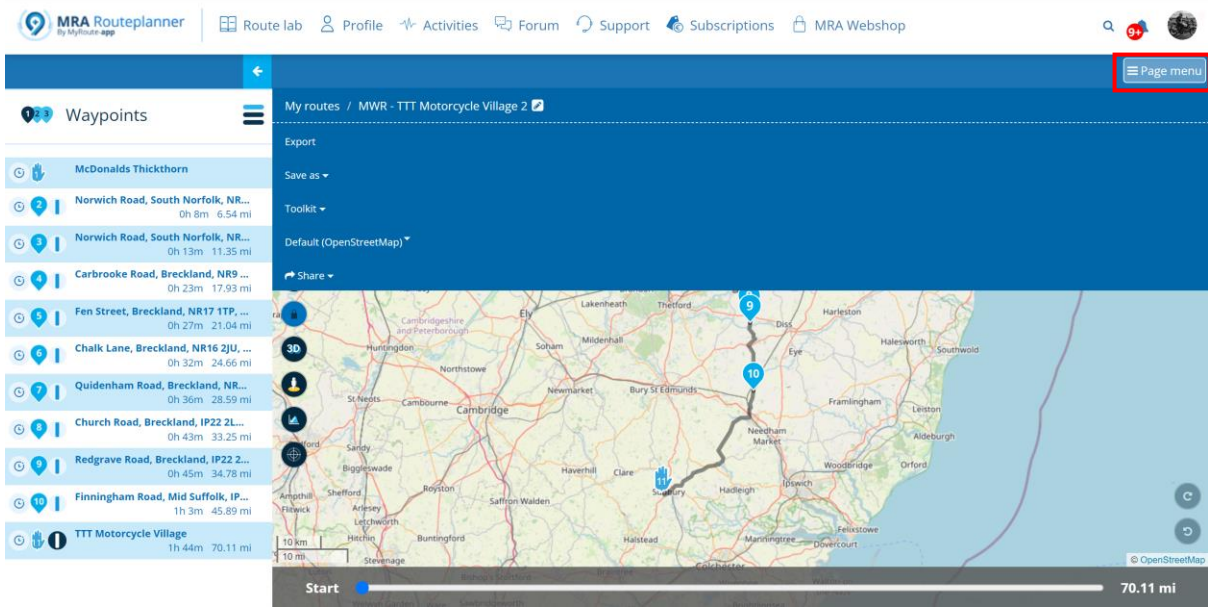
MyRoute has a brilliant built-in feature that will take the original planned route in the case shown below done with OpenStreetMap (OSM), and compare it to the other types (TomTom, HERE (Garmin)). This makes sure that when a route is loaded onto either of these other satnav devices, the routes will always be identical. See illustration below. ("**WARNING/DISCLAIMER**" This is a gold members feature only)



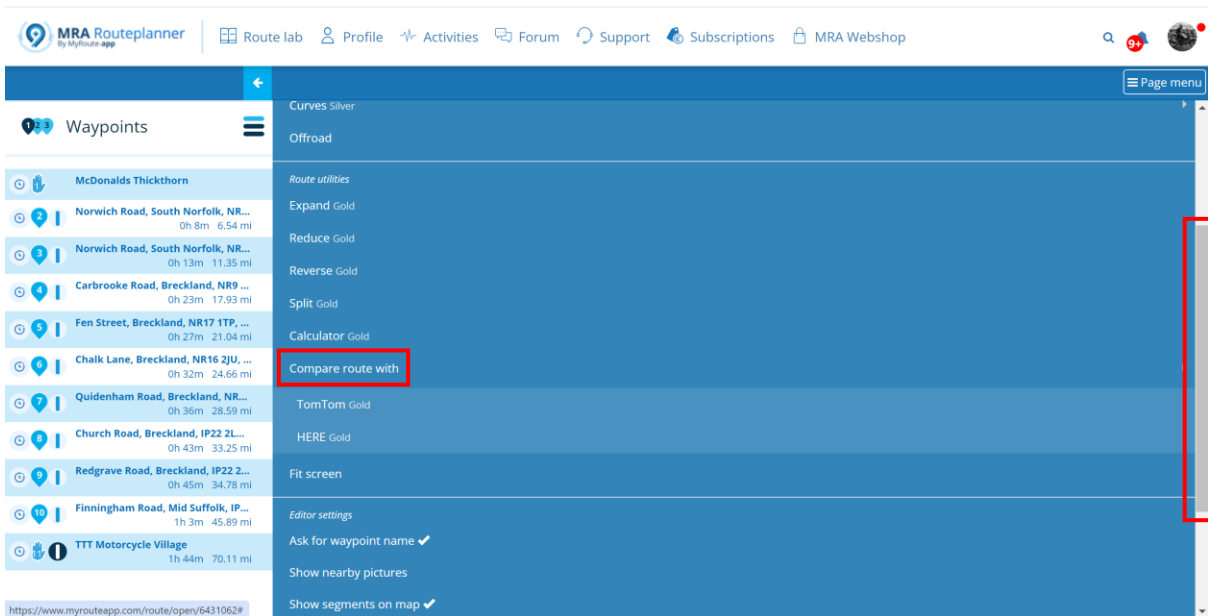
As you can see from the screenshot above, all devices pretty much follow the original route. They all start and end at the same location but for the TomTom you will notice towards the end of the route, it goes off on a bit of a tangent (between 10 and 11) and there are other smaller discrepancies with HERE along the way!



So how do you compare routes?

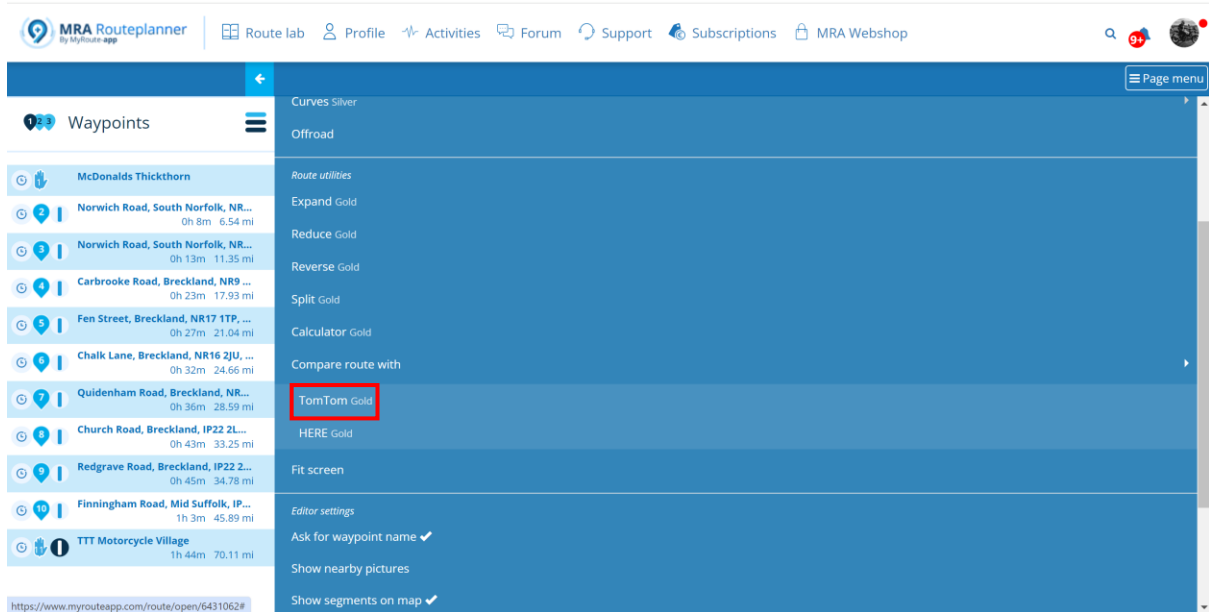


1. In the top right of your screen click the “Page menu” button (As shown above).

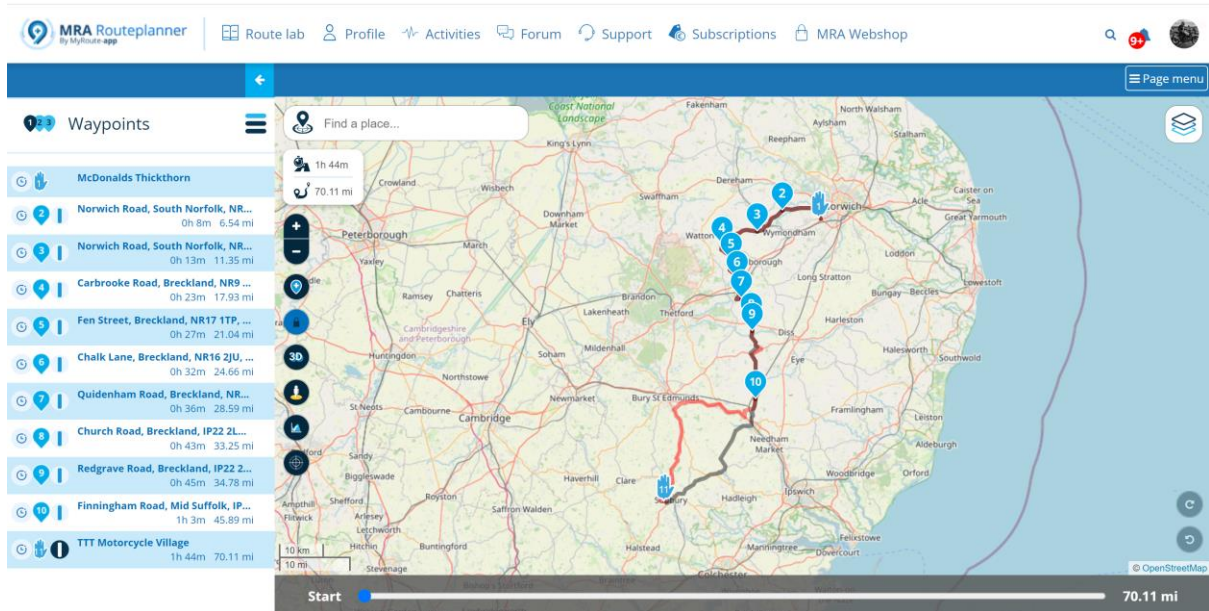


2. Depending on your screen resolution, you might need to use the scroll bar to the right to scroll down until you can see “Compare route with” and as soon as you hover over this the sub menu will expand showing “TomTom” and “Here” (Shown below).

Norfolk Advanced Motorcyclists – Oct '24

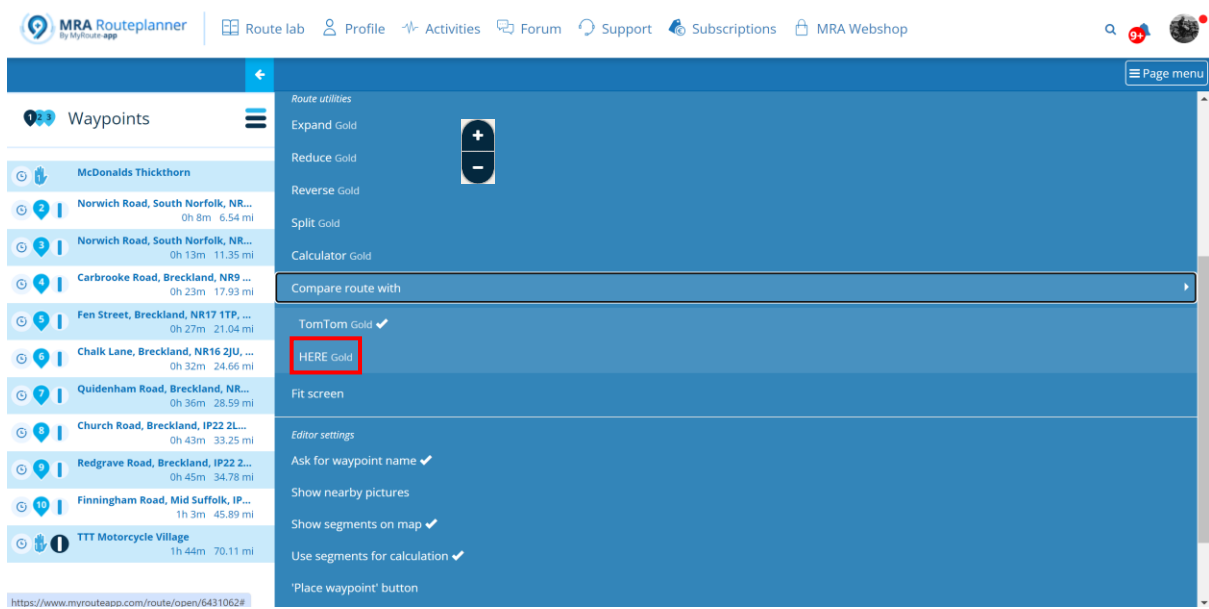


3. Click the first one (TomTom). The screen will close and go back to the screen shown below.

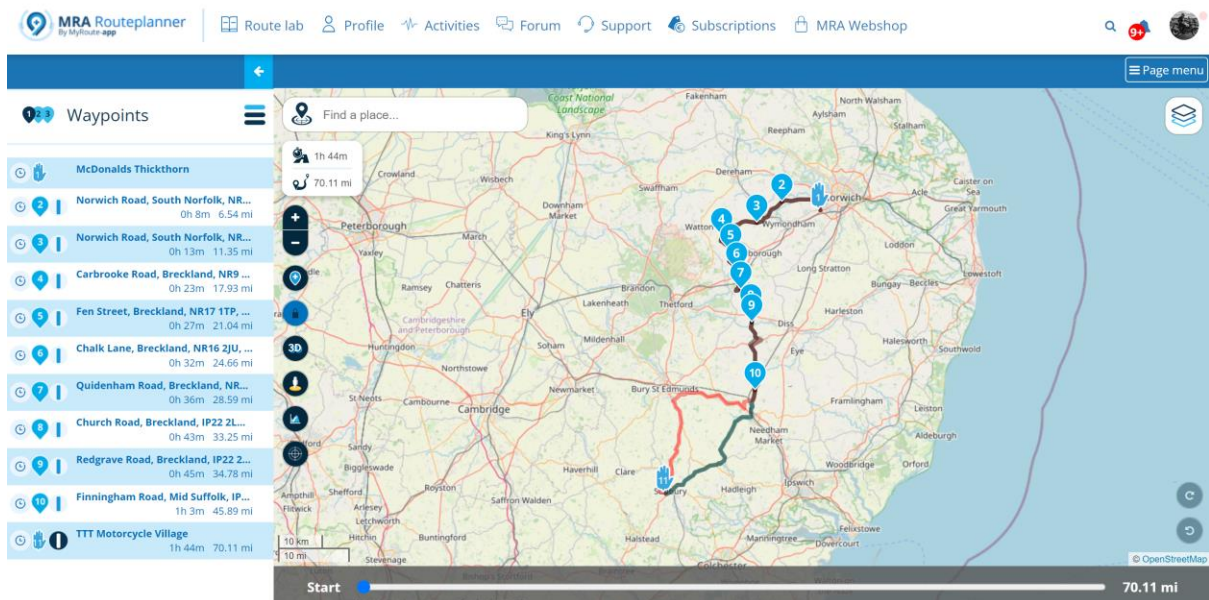


4. But notice now there is another red line showing.

Norfolk Advanced Motorcyclists – Oct '24



5. Now Repeat steps 1 above onwards, but this time select "Here" and you will also now notice there is a tick mark next to "TomTom" informing you it has been selected.

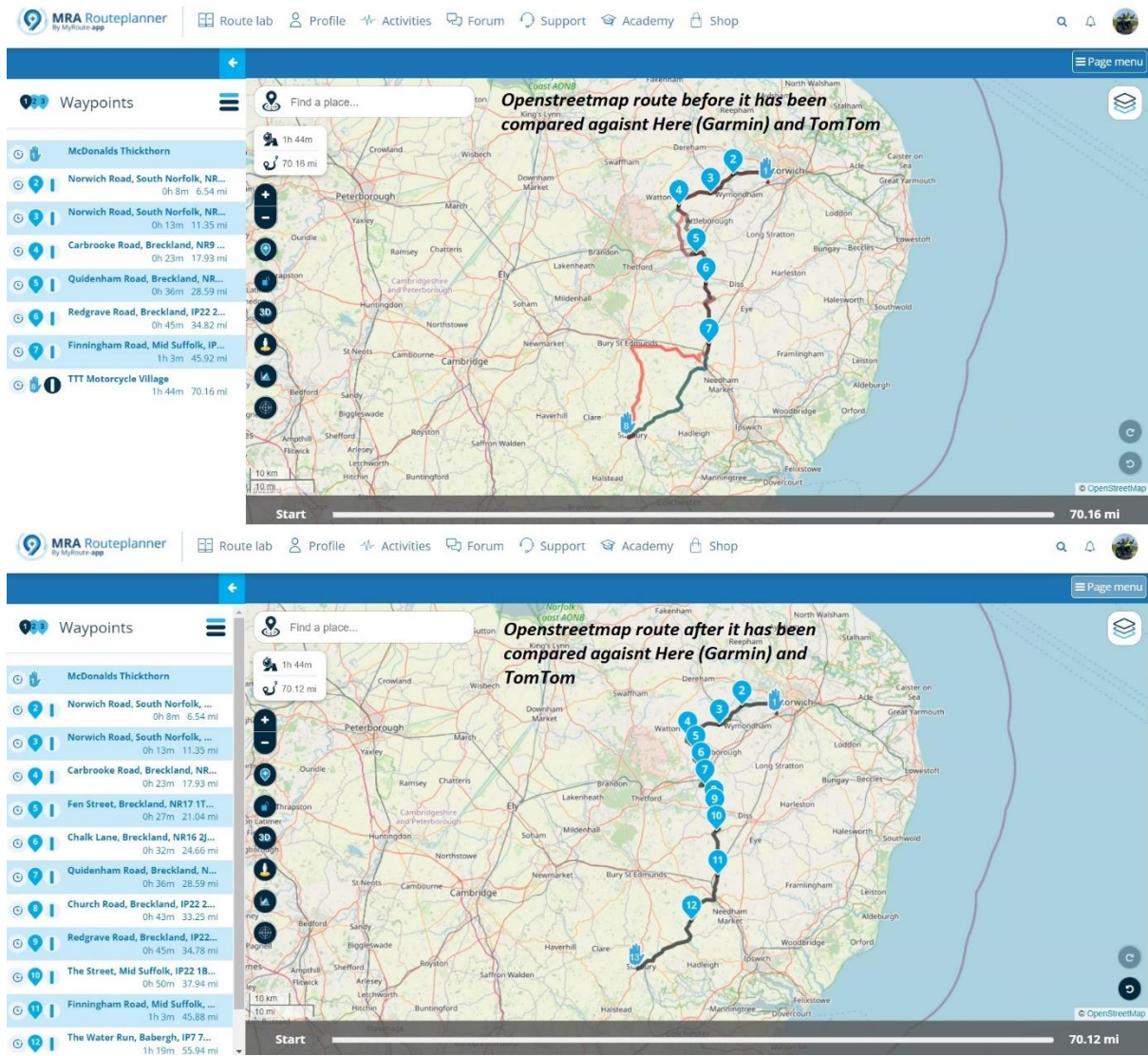


6. After selecting both "TomTom" & "HERE" you will notice there are now three coloured lines showing on the map the Black line is the original planned route done using OpenStreetMap (OSM), the red line is TomTom and the green line is HERE (Garmin).

So what can we do with this new information?

7. By using the zoom button we can zoom into the route discrepancies and correct them either by moving a 'close-by' waypoint or adding another waypoint forcing both routes to take the same path. (As shown below) in the before and after correction.

Norfolk Advanced Motorcyclists – Oct '24



8. Once they have been compared and corrected by placing the relevant route points (Via or shaping points) to force them to take the same route as the original route, there will be no more having your sat nav trying to turn you off somewhere different to everyone else in your group!!
9. You might also use this feature if you are using a friend's route and it was created using the HERE map and you are using TomTom navigation. You would overlay the TomTom route and first check it is taking the same route as the intended original route then in the page menu change it to TomTom shown below (As shown below).

Norfolk Advanced Motorcyclists – Oct '24

The screenshot shows the MRA Routeplanner interface. At the top, there is a navigation bar with the MRA logo and various menu items: Route lab, Profile, Activities, Forum, Support, Subscriptions, and MRA Webshop. A search icon and a notification icon are also present. Below the navigation bar, there is a blue header with a 'Page menu' button. The main content area is divided into two sections: 'Waypoints' on the left and 'Map' on the right. The 'Waypoints' section contains a list of 12 waypoints, each with a circular icon, a name, and a distance/duration. The 'Map' section shows a map of the area around Colchester, with a 'Start' point marked. The map is currently set to 'HERE' (MyRoute-app/Garmin) Gold / Nav, but the 'TomTom Gold' option is highlighted in a red box. Below the map, there is a scale bar showing 80.60 miles.

10. Once it is selected you will see the tick mark move from HERE to TomTom

It's a very simple but very effective feature of MRA. There's nothing more annoying than a group of riders all going in different directions!