



Description of New Features and Bug Fixes at Version 4.02e

| Description | | | |
|--------------------|-------------|--------------------------|--|
| 1 | Enhancement | Graph Display | Added option to add the derivative value to the graphical point data listing. Display has form [dy=***] or [dx=***]. |
| 2 | Enhancement | Graph Display | Added display of derivative at ride position at bottom (or left) of graph display. Display has form [dy=***] or [dx=***]. |
| 3 | Enhancement | Graph Display | The number of decimal points used to display x and y values, labels and derivatives can now be user defined. Settings are saved to the users ini file. |
| 4 | Enhancement | Undo | An undo facility has been added, use either menu Edit / Undo or Ctrl+Z to undo the last geometry change. The maximum no of undo steps buffered can be defined by the user via the relevant Setup menu. |
| 5 | Bug Fix | User Line | Changed the auto-fill of the User line from the current data values to ensure the correct fill order is used. |
| 6 | Bug Fix | Anti-Dive and Anti-Squat | The error introduced in version 4.02 for the calculation of Anti-dive on outboard brakes has been fixed. The similar error for anti-squat has also been resolved. |
| 7 | Change | Tyre Stiffness | The default value used for tyre vertical stiffness has been changed from 3000 N/mm to a more representative value of 400 N/mm. |
| 8 | Enhancement | Graph Plot Variables | Extra variables have been added to the graph options list. These extra variables include Castor and Kingpin offset/trails and the (x,y,z) co-ordinates of the tyre contact point (TCP) |