# Description of New Features and Bug Fixes at Version 4.02l

| | | | Description |
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| 1 | Bug Fix | Ackermann Calculation | A change to the Ackermann calculation has been implemented to correctly calculate the Ackermann % when the rack is in front of the wheel centre. |
| 2 | New | Static Toe and Camber | An option has been added that allows the user to directly set the kinematic static toe and camber angles. This will then modify the stub axle point accordingly. |
| 3 | New | Set Ride Height | A new option on ride height setting has been added that allows the front and rear suspensions of a full vehicle model to be re-set with different ride height changes. The difference is accommodated by vertical translation of the rear suspension body attachment points. |
| 4 | New | Graphical Curve Fit | The 3D Suspension derivative plots can show a linear, quadratic or cubic fit to each calculated data line. See Graph / visibility menu. |
| 5 | New | SDF Splines Fit | Similar to the previous item. Curve fits to the splines can be listed in a similar form to the existing SDF display. The equations are given for the selected variables with required articulation modes. Equations are given for Linear, quadratic and cubic fits. See ‘results’ menu. |
| 6 | New | Add suspension End | Users can now add a front or rear suspension to their existing from an already saved file, to produce a full vehicle model. Previously this involved re-entering data hard points, or undocumented text editing of the data decks. |