

These are sample file inputs in the new VDS input format

```
:      solind  perftq  SteerModel
:      1=ars   %front  0=Simple strg sys
:      2=irs   dr trq   1=Detailed strg sys
1      1.0     0.0
:      tord    dt       tend    mxdist  mxphi    mxtht    mxpsi    mxqw
2      0       0.01    2.0    2000.0  20.0    10.0    90.0    1000.0
:      xpcg    ypcg    phi0    tht0    psi0    v0       beta0
3      10.0    10.0    0.0    0.0    0.0    20.0    0.0
:      phid0   thtd0   psid0
4      00.0    0.0     00.0
:      accelerometer location
5      -3.6    0.0     -14.4
:wheelbase & total cg height
6      119.0   19.7
:front & rear weights
7      1123.34 1123.34 1165.66 1165.66 140.0   140.0   190.0   190.0
:moments of inertia
8      4800.   36000.  36000.  -840.   12.     12.     12.     12.
:front half track
21     31.25
:front roll rate ride rate & bump stop locations          eps
23     458.77 98.0    -1.3    4.5                    0.3
: front bump stop rate
24     98.                    00.0
: front rebound stop rate
25     98.0    0.0     0.0
:front steer-steer
26     0.047   0.0     0.0     0.047   0.0     0.0
:front camber-steer
27     -0.0015 0.0000  -0.0015 0.0000
:rear half track
31     31.2
: rear axle track, offset, spring half-tracks, roll center height, roll
inertia
32     62.4    0.0     24.65   24.65   12.0    552.0
:rear roll rate ride rate, stop data locations          eps
33     300.56 106.0   -0.5    5.0                    0.3
: rear bump stop rate
34     106.0   0.0     0.0                    00.0
: rear rebound stop rate
35     106.0   0.0     0.0
: rear upper and lower bump stop half-tracks
38     24.65   24.65   24.65   24.65
: front ride steer
40     0.10    0.13645 -.0159
: front ride inclination
41     0.03    -.4794  0.1318
: rear ride steer
50     0.00    -0.0000 0.020
: rear ride inclination
51     0.0     -0.0000 0.0000
: rear axle roll-steer
52     0.14    0.05
: front drive force compl. steer & incln.
60     1.68    -0.1                    0.28   0.0
: front brake force compl. steer & incln.
```