

# GMD COMP-U-TRACK, MD

**Owner:** ROBERT CURTIS  
**Bike:** 2001 Suzuki SV650sk1  
**Reg. No:**  
**Ref. Code:** 01/03/2002  
**Frame no.:** 3578  
**Notes:** METZELER MEZ4 120/60-160/60  
**Record:** 544- file MD01.BMD

## ANGULAR MISALIGNMENTS:

0.2 deg. (0.0034 rad) twist between Steering-Head and Swing-Arm Pivot, bottom of Steering-Head to left.  
Lean - Back Wheel vs Swing-Arm Pivot = 0.1 deg. (0.0013 rad) top to left  
Lean - Front vs Back Wheel = 0.4 deg. (0.0071 rad) top to right  
Lean - Front Wheel vs Steering Axis = 0.1 deg. (0.0020 rad) top to right  
Fork Twist - Wheel vs Bar = 0.7 deg. (0.0129 rad) wheel to left (Clamps/Forks)

## LATERAL OFFSETS:

Midway between Swing-Arm Pivot test points = 1.1 mm to left of Back Wheel

### **STEERING AXIS OFFSET:**

At Axle level = 2.9 mm to right.  
At Steering Head Height (989.2 mm above ground) = 5.3 mm to right.

### **FRONT WHEEL:**

1.0 mm to right of Back Wheel at ground contacts = 0.1 mm to right from Steering Axis  
Centre of Front Wheel

## WHEEL ALIGNMENT (BY CHAIN ADJUSTMENT):

If aiming Back Wheel at Front Wheel Ground Contact Back Wheel now 0.0 deg. (0.0008 rad) (0.2 mm at rim) to right  
If referring to Swing-Arm Pivot Back Wheel now 0.1 deg. (0.0012 rad) (0.3 mm at rim) to right

## GENERAL MEASUREMENTS:

Rake = 25.8 deg. (0.4502 rad)  
Trail = 109.9mm  
Wheelbase = 1434.6 mm  
Steering Axis to Front Axle = 27.4mm  
Steering Axis to Swing-Arm Pivot = 734.1mm (at 90 deg to steering axis)  
Front Ride Height = 527.6mm  
Swing-Arm Pivot Height = 416.8mm  
Swing-arm Slope = 11.4 deg. down from pivot to axle  
Swing-arm Pivot to Axles = Front=915.5 / Back=538.4 mm  
Wheel Diameter = Front= 580.9 / Back=621.3 mm  
Rim Width = Front=101.6 / Back=129.9 mm  
Steering Head Reference Height = 959.2mm