



SIM-1A-M SPEED RECALIBRATION UNIT FOR ELECTRIC SPEEDOMETERS

When changing the gearing or tire size of newer cycles, the speedometer is no longer calibrated correctly and your speedometer reading is incorrect. The SIM-1A-M will allow you to adjust an electronic speedometer, with a stock electric speed sensor, back to the correct reading.

The SIM-1A-M has an adjustable range of correction from x4 to x0.25 times (1/4). Calibration is set using the two push button switches while riding the motorcycle. Press and hold the UP button to increase the speed. Press and hold the DOWN button to decrease the speed. The unit has an internal memory which stores the calibration when the bike is turned off. A red test light will be lit steady when the unit is powered and will flash slowly when the unit is detecting a speed signal. It will flash rapidly after a calibration change is made until it is permanently stored.

The connection is as follows:

1. Locate the three pin connector between the speedometer and transmission speed sensor. The speed sensor is located in many locations on many motorcycles, please check service manual and if you cannot locate sensor and to get the color codes.
2. The speed sensor has a 3 pin connector. Cut the signal wire wherever you have access to it. Splice the wires of the SIM-1A-M into the speed sensor wires as follows:

SIM-1A-M wire	sensor side
RED	sensor power
BLACK	sensor ground
WHITE	sensor signal
SIM-1A-M wire	speedometer side
RED	speedo sensor power
BLACK	speedo sensor ground
YELLOW	speedo sensor signal

3. The SIM-1A-M will now be in between the speedometer and transmission speed sensor. Calibrate the speedometer. (see steps below)
4. Secure the SIM-1A-M into the harness on the bike so it is not hanging loose.

The calibration is as follows:

1. Follow a vehicle going at a set speed or time yourself driving one mile so you know what your speed should be.
2. Press and hold the UP or DOWN button while you are driving to change the speedometer reading until the speedometer is correct. *The bike must be moving in order to adjust the speedometer.*

⚠WARNING: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov



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