

# Ultima® Speedometer Recalibration Module

## Midwest Part #17-152



www.ultimaproducts.com

An Ultima® SR Module is required when changing the gearing or tire size on a motorcycle that does not have a programmable speedometer. The SR Module is set using the 2 button switches. Pressing & holding the UP button increases the speed reading. Pressing & holding the DOWN button decreases the speed reading. Once the desired speedometer reading is reached, release the button. After 10 seconds (with no button depressed) the module stores the calibration setting. The SR Module stores the calibration during operation, when the bike is shut off, or if the unit is removed for maintenance or service. Speedo recalibration can only be done with the motorcycle moving. The preferred method would be recalibrating on a dynamometer. Once calibration is completed, secure the SR Module to the motorcycle.

### 1996-2006 Harley Davidson® models w/3-pin Deutsch connector

The Ultima® SR Module plugs into the 2 matching (male/female) Deutsch connectors that are located between the speedometer & transmission speed sensor.

### 2004-Later Harley Davidson® models w/data bus connector

The Ultima® SR Module needs to be connected between the transmission speed sensor & the ECM. Do not install the SR Module between the ECM & the speedometer.

### 2004-Current Harley Davidson® Sportsters® & 2007-Current all models

Cut, splice & solder the SR Module in before the ECM. This is required due to the different speed sensor connector style. The speed sensor is located below the battery at the back of the transmission almost directly centered in the bike. Models with cruise control must have the SR Module installed before the white/green wire that is tee'd to the cruise control module. This is usually 3-4 inches after the speed sensor plug at the sensor.

### ULTIMA® SR MODULE COLOR CODE

	GROUND	POWER	SIGNAL
SR Module (in)	Black	Red	White
SR Module (out)	Black	Red	Yellow

### COMMON SPEED SENSOR COLOR CODES FOUND ON VARIOUS MODELS

	GROUND	POWER	SIGNAL
Softail®	Black/Green	Red/White	White/Green or Lt Green/Yellow
Dyna®	Black or Black/Green	Red/White	White/Green
Touring	Black/Green or Black/Yellow	Red/White or Brown/Orange	White/Green
Sportster®	Black	Black/Red	Black/Blue