

# Formotion INSTRUCTIONS

REV. 2007-05-23

## 35 MM Steam-Punk Auto Compass

### Compensating Instructions:

Your compass comes pre-calibrated from the factory and should not need to be adjusted. If you feel your compass needs to be re calibrated please follow these easy instructions. Read all the instruction BEFORE you attempt to calibrate your new compass.

1. Attach the compass in the desired mounting position.
2. Head NORTH, turn the N/S compensator screw very slowly until the dial reads "N".
3. Head EAST, turn the E/W compensator screw very slowly until the dial reads "E".
4. Head SOUTH, if the compass does not read exactly "S", turn the N/S compensator screw just enough to remove only half the error. EXAMPLE: if the reading is off 2 marks on the dial, then adjust it to make the dial read only 1 mark off.
5. Head WEST, if the compass does not read exactly "W" then follow the same instructions as in line 4 using the E/W compensator screw.

NOTE: Use only the adjusting tool or dime to adjust the compensating screws. DO NOT use a steel screw-driver (This will affect the compass magnets).

**IMPORTANT:** The new 35MM SP Auto Compass internal magnets are very strong. We did this because they are designed to be used in powersport equipment that can incorporate a lot of metal and or other material that can produce false readings or even stop the compass from working properly at all.

The compasses strong internal magnets helps eliminate unwanted distortion from the surrounding metal on your vehicle but means that you have to be very sensitive when you turn the compasses compensating screws to calibrate your compass: a little is a lot on these settings.

When the compensating screws are at a horizontal position they are considered in the neutral position. Start with both screws in this position. Follow the instructions above, but be careful not to turn the screws too much: never turn the screws fully vertical as this positions the internal magnets at the compass ball in a very direct and strong way and you may find that it is so strong that the compass may not spin freely. Your settings should always be degrees OFF the vertical position either way. Remember, turn the screws very little for each calibration step.

### WARRANTY

To activate your 1 year manufacturer defect warranty (see our website for details) please register your purchase at: [www.FormotionProducts.com](http://www.FormotionProducts.com) or Call Formotion Product Registration at 1-888-747-2218. You can also Fax or Mail the following information to us at:

Formotion Inc.  
Product Registration  
30 Liberty Ship Way STE 3110  
Sausalito, CA 94965  
VOICE: 415-331-0400  
FAX: 415-331-0440

Name \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_  
Zip \_\_\_\_\_  
E-Mail \_\_\_\_\_  
Model(s) AM-35820 35MM SP Auto Compass

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