Harley Davidson Touring Models Needle Reset Procedure

Small gauges (fuel, volt, oil, air temp) – *It is recommended to do these one at a time to avoid putting the wrong gauge face and gauge housing together, which would lead to improper gauge functionality.* This process is similar to the larger gauges, with one exception. The smaller gauges have a "tension ring" under the lip of the chrome trim. Once the lip of the chrome trim is pried up you can use a small pick or flat head screw driver to remove the tension ring.

Once the chrome trim is removed you can access the needle. Remove the needle and take the gauge and needle back to the bike. Plug the gauge back in and turn the bike on. Allow 10-15 seconds for the gauge to properly set itself. Once the gauge is set, put the needle back in the position where it should be.

For Volt gauge it should be reading where the battery voltage is (usually just below 12v). For the Air Temp gauge it will be according to the external air temp. For the Oil gauge, with the bike off, it should be Zero. For the fuel gauge it is easiest to do this with a known fuel level, usually full tank, so you know where to set the needle. Once the needle is set, turn the bike off, wait a few seconds then turn it back on to check the accuracy of the needle reset.

With the needle reset, unplug the gauge and take it back to a work surface to reinstall the trim ring and. Slide the tension ring onto the back of the gauge. Push the tension ring down below the level of the chrome trim ring and follow the same process as above to press (crimp) the chrome trim back down, making sure that the tension ring is under the lip of the chrome trim. Re-install all gauges on the bike, making sure to replace all clamps, screws, and bolts that were removed in previous steps. Once assembly is complete, test ride the bike for a short distance to verify that all gauges function properly.

Thanks for your purchase. For questions, email jared@speedgaugecustoms.com

Thanks,

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