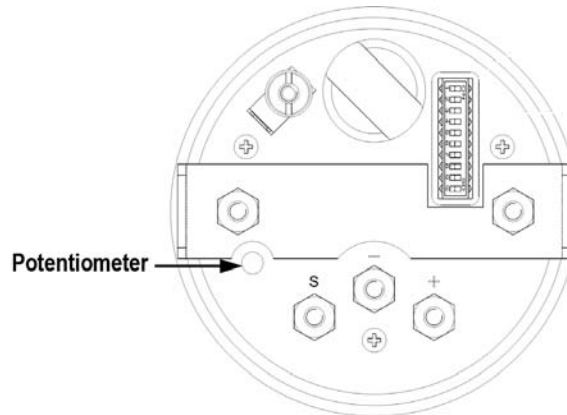


AT Tach – Potentiometer Fine Adjustment – for all Models

You can adjust calibration on all models through the fine adjust potentiometer (pot) located on the back side of the housing.

NOTE: This option is for fine tuning and not for coarse tuning.



The following steps will guide you through the fine adjustment process.

1. Use a duly calibrated optical tach or master tach to determine actual engine RPM.
2. Determine DIP switch settings by calculating and using the table to set the DIP switches provided on the back side of the gauge accordingly. Refer to the preceding calibration instructions.
3. Remove the QC passed sticker to access the fine adjustment hole.
4. Use small flat screw driver (watch maker No. 4) for fine tuning. Make sure the screw driver sits properly in potentiometer slot without touching other parts of the PCB.
5. Rotate the potentiometer such that the reading of the tach matches the actual RPM noted by the master tach. Turning the pot in clockwise direction will increase RPM, while turning the pot in counter-clockwise direction will decrease the RPM.

IMPORTANT! The fine adjustment potentiometer can only be turned $\frac{3}{4}$ of a turn. Be gentle and do not force it.

6. The maximum range for increasing and decreasing the RPM through fine adjustment pot is approximately 400 RPM.
7. If unable to match the reading with the master tach using the method above, then recheck the calculations or change the next level DIP switch setting and repeat the calibration procedure.
8. Once the pointer is adjusted to the desired position, it is recommended to cover the fine adjustment hole to protect it from water entry and other atmospheric effects.

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