Data Logging - Throttle Position Sensor?
Posted by GT944 - 23 Aug 2017 10:06

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Hi All,

I'm looking into investing in data logging. As you all know, we only get the on/off style TPS in the N/A 944 (right?!). Having a potentiometer-style sensor to feed data would be ideal.

Has anyone looked into doing this? I'm of course not going to alter how the DME is fed data (not sure that the N/A DME would even know what to do with a variable signal -probably nothing good!).

Just curious how you all have approached this. Am I wrong?

FWIW, looking at a Race Technology system - we have a local expert on that system who can help me with setup. Doing my own research before contacting him.

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Re: Data Logging - Throttle Position Sensor?
Posted by KDJones2000 - 23 Aug 2017 19:27

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I took a Chevy Silverado TPS and mounted that onto a piece of sheetmetal above the current throttlebody shaft. I then made up an extension of the TB shaft that hooks into the flats of the current TB shaft, and fits into the hole in the TPS switch.

I then wired it up to a 5V supply and took the voltage off the wiper arm and use that to record my throttle position.

I'll see if I can get a picture or two up.

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Re: Data Logging - Throttle Position Sensor?
Posted by cgktexas - 28 Aug 2017 06:30

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I am using a surplus string potentiometer that connects to the throttle.

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Re: Data Logging - Throttle Position Sensor?
Posted by GT944 - 28 Aug 2017 10:49

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Thank you both for the ideas! I'm starting to get an idea of how this can work. Any photos? Part numbers or suppliers for the TPS or string potentiometer?

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Re: Data Logging - Throttle Position Sensor?
Posted by KDJones2000 - 28 Aug 2017 11:24

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I'll take some pictures when I get home.

I used a 2000 Chevy Silverado TPS, but you can use any one that is similar.

www.oreillyauto.com/detail/masterpro-ign...ttle+position+sensor

I bought the connector for the TPS from Oreilly's as well.

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Re: Data Logging - Throttle Position Sensor?
Posted by KDJones2000 - 06 Sep 2017 22:12

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Here are some images of my TPS setup:

s26.postimg.org/rkpicpz8p/2017_Speed_Freq_TPS1.jpg

s26.postimg.org/5k95w3gkp/2017_Speed_Freq_TPS2.jpg

s26.postimg.org/pdl9ostyh/2017_Speed_Freq_TPS3.jpg

s26.postimg.org/unq8g3e7d/2017_Speed_Freq_TPS4.jpg

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s26.postimg.org/unq8g3e7d/2017_Speed_Freq_TPS4.jpg

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