

BATTERY PROGRAMMABLE BRAIN

Automotive batteries have been around for a very long time and their job has been the same for all those years – providing energy to start your car plus power all the vehicle accessories such as your radio, lights etc. Today's cars are much more demanding of battery power and even if you turn the key off there is still energy being used. In the old days the biggest parasitic drain was the vehicle's clock (if it had one) and maybe a glovebox or trunk light if it accidentally got stuck on.

Today's vehicles have a computer that is constantly on, monitoring things such as radio pre-sets, clock functions, memory mirror and seat locations, wireless locks, anti-theft alarms and probably a lot more.

All of these current draws aren't a problem if you drive your vehicle on a regular basis so the battery has a chance to recharge, but what if you have a tow vehicle that you don't use on a regular basis or a sports car or hot rod that sits idle for weeks at a time?

What if you put your vehicle away for the winter but leave the battery in place? Is there a solution to make sure your vehicle will always be able to start? Yes there is! It's the Battery Programmable Brain (BPB) by STRS Energy Inc. The Battery Programmable Brain (BPB) is a small device that attaches to your battery and uses unique microelectronic technology and patented software to continually monitor the battery power, health and temperature. When the BPB detects power falling below safe levels, it automatically isolates the battery from the electrical system. This insures that the battery will always have enough power to start the engine. The unit I tested was the heavy-duty version designed for vehicles with two batteries such as modern diesel pickup trucks, but they have models that can be used in any vehicle, even boats.

Installation is very straightforward as all you do is insert the BPB between the positive battery post and positive battery cable and connect one small wire to a switched 12V source. The reason for this wire is to ensure that your electrical system is not shut down while you are driving if your battery dies from old age.

In my particular case I had added numerous aftermarket devices



which were connected directly to the battery to power an auxiliary air compressor controlled wirelessly and various electronic tuning devices, all of which used some energy even while the key was off. This was all in addition to the normal drain the truck was using.

This particular BPB has a remote switch which you can mount inside the vehicle to reset the Battery Programmable Brain should it ever disconnect the battery. A hidden benefit of this switch is that you can use it as a theft deterrent and electronically disconnect the battery and prevent someone from hot wiring or using a stolen key or code to get your truck running. Considering that pick-up trucks are one of the most stolen vehicles, this is a very good feature.

The Battery Programmable Brain is a great addition to make your battery last longer and insure your engine always starts.

For more information, call 201-968-7042 or visit their website at Batteryprogbraint.com.

—STORY AND PHOTO BY DAVID SWAIN



(Above) Installation is straightforward, but cover or disconnect the negative terminal, just in case of any accidental contact.



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