

TranZformer Frequently Asked Questions

Q: How does the TranZformer work?

A: The TranZformer monitors messages on the CAN busses in the vehicle and sends signals to the Shift Pressure and Modulation Pressure solenoids in the transmission. By modulating the solenoids, the TranZformer is able to make shift sequences occur faster, and shifts firmer. The TranZformer also “talks” to other modules in the vehicle – it sends CAN commands to shift for SWS and Autoupshift, radio volume control, and many others.

Q: What’s the USB port for?

A: The USB port serves two purposes: One is for configuration. Using the ZPU programming utility, you set the shift firmness settings and Autoupshift RPMs, as well as enabling functions. The other is for upgrades. Z Automotive is constantly working to improve the TranZformer and add new features. This new firmware when available can be loaded into the TranZformer via USB using the ZPU utility.

Q: Will it make my full throttle shifts firmer too?

A: The stock TCM will only command the shift and modulation solenoids to ~75% at full throttle. The Mopar TCM will command them to ~95%. The TranZformer can command them to 100%. So the gains over a stock TCM are very noticeable at full throttle.

Q: Will it ruin my transmission?

A: It’s a known fact that firmer shifts will lessen the wear on the shift clutches. Using the TranZformer with mild to moderate shift firmness settings will help your transmission, especially if you are towing heavy loads. The TranZformer has the capability to be set to cause VERY strong shifts, and if set this way for a long time can eventually cause premature wear of certain components such as universal joints, transmission mounts, and other hard components.

Q: Will it work with my Blue Tops, SHR/Paramount Transmission, Mopar TCM?

A: the TranZformer has been tested and proven to work with all of these configurations. It will work on 3.5, 5.7 and 6.1 engines and other custom builds.

Q: I see you use the ESP button to turn it on and off. Does that mean I need to drive with the ESP off?

A: No, you can press the ESP button twice to toggle the shift kit on and off. You can use the ESP button as you wish to turn ESP on/off or press and hold the ESP button for full ESP off if you have an SRT or a NoESP module.

Q: How much is shipping?

A: Free in the USA, nominal fees elsewhere. Z Automotive ships using USPS. Tracking number is provided via email (direct from Paypal) for all domestic orders.

Q: Is this available for my Jeep SRT?

A: We're working on it, but it's not available yet.