TRANZFORMER GEN 1

Change Log

1.4.3 091615:

- Added support for new ZPU so it auto-detects that it's a tranzformer.

1.4.2 032715:

- Fixed line lock and burnout modes so they hold regardless of traction or time. No longer putting the car in temporary Dyno mode for Line Lock.
- Added 2011+ Challenger line lock/burnout support
- Added MDS indicator for the 2005-2008 that don't have that built-in. Mapped to the security light on the dash.

1.4.0 012015:

- Fixed an issue where Line Lock and Burnout modes would toggle on/off in some 2007-2010 cars.

1.3.9 100214:

- Added menu items in EVIC for changing upshift, downshift, scaling, and auto upshift RPMS. Added ability to change PRND boost value.
- Fixed Peak RPM so it works when shift kit is off. Removed PRND boost when shift kit off. Added 1/8 mile and 1/4 mile timers.
- Added 2008-2010 adjust shift pressures using hi beams/cruise stalk. More robust line lock function.

1.3.8 031114:

- Made EVIC more reliable. Added Adaptives Kill function, Don't auto upshift during Burnout/line lock, "OFF" and "MAX"
- lables added when using EVIC to set shift pressures and "OFF" when disabling Autoupshift @ 7kRPM.

1.3.7 103113:

- Cleaned up the 060513 beta code, making EVIC a little cleaner. Some 2011+ mods.

1.3.4 060513 beta:

- Added Clear CEL menu item.
- Added show firmware revision in EVIC.
- Changes to EVIC to improve reliability (hopefully).
- Added Line Lock/Burnout to 2011+ Challengers (experimental)

1.3.3 042613:

- Added support for 2011+ Challengers (pulled this from site, too many bugs in the older cars)

1.3.0 022213:

- Added ability to change shift settings and auto upshift settings on the fly using only the cruise stalk.
- Added 3 beep confirmation of resetting adaptives. Many internal changes using mostly CAN-C bus - in hopes of working in 2011+ cars and Jeeps (as of now untested)

1.2.6 080612:

- Added Line Lock mode. PUSH cruise stalk while stopped in Autostick 1. Solenoids will engage - press brake pedal to build up stopping power, then release brakes.
- Front brakes will hold until stalk is released. Car temporarily put into Dyno mode in order to make this happen, so ABS and ESP will be disabled until car is stopped, then will automatically reset itself.
- Improvements to EVIC display, no need to configure for whatever radio you have.
- Other internal software improvements.

1.2.5 073012:

- EVIC improvements.

1.2.3 062912:

- Took control over EVIC, with or without satellite radio!
- Added checkboxes in ZPU and supporting firmware for use with no factory radio, full time SWS for use without factory radio
- Added in ZPU capture utility and support for capturing both CAN busses.
- Added in support for SRT 8k tach for proper display when setting shift RPM's.
- Added safety for Launch mode - does not apply ABS pump. More like traditional line lock where you pump the brakes up. It holds them.

1.2.2 061112:

- Added 0-30, 0-60, PEak RPM functions. Major improvements to Autoupshift accuracy. Improvements in EEPROM routines.

1.2.0, 1.2.1

- Unreleased beta versions

1.1.9 - 042712:

- Added ability to set Auto Upshift RPMS on the fly. With car in Park, Reverse, or Neutral, press cruise stalk in and use steering wheel +/- buttons to adjust. Shows RPMs on EVIC is in Sirius mode, and also the tach itself. Tach resumes normal activity after seconds. Setting upshift pressures show on tach. 0 = 0%, 7 = 100%. They still show on EVIC as well. Each time either of these is invoked, the temperature gage will display transmission temperature instead of engine temperature (for 6 seconds). C = 30F, H = 287F, and 1/2 scale is 160F.
- Launch mode - with car in AutoStick 1, vehicle stopped... pull high beam stalk and ABS pump will turn on and hold ALL 4 WHEELS locked. This allows you to load TCC, and simply release stalk to launch. This is an experimental implementation and may not work 100% of the time.
- Turn ESP back on - (purposed for R/T's) Use "key trick", NoESP, or switch method of disabling ESP. Instead of restarting car, simply turn key to START momentarily while car is travelling less than 5 MPH (stopped is good) and ESP system will reset and turn back on. This is a perfect complement to "key trick" as you can disable ESP by turning key with car over 5MPH, and ESP on again when less than 5MPH.

1.1.8 - 022312:

- Changed code for more reliable Auto Upshift timing.
- Added Aux output - pin 6 will be off at power-up, and on (short to ground) when cruise stalk pulled and page up pressed. Stays at ground until either cruise pulled and page down pressed, or vehicle is turned off.
- Added Upshift Strength setting vie steering wheel buttons: While in D, press in cruise stalk (on/off) and use volume buttons to adjust strength settings. All shifts will be set to this pressure for D. Set vehicle to Autostick mode, and do same to set manual shift strengths.
- Also added Adaptives reset. Pull cruise stalk and flash high beams. "Adv Rst" will show in place of Sirius station name on EVIC screen if in Sirius mode.

1.1.7

- never released

1.1.6 - 0606:

- Changed SWS function: must use floor shifter to enter Autostick, then SWS will work. SWS will keep you in autostick

1.1.5 - 0507:

- Added line lock for 2007+ vehicles. Cruise stalk "Set" while idle in Autostick 1 to activate line lock

1.1.4 - 0505:

- Added transmission temperature readout to EVIC over Sirius station name. Vol+ page Dn to activate.

1.1.3 - 0330:

- Added line lock for 2005-2006. Cruise pull while Autostick L1. Reset adaptives. Other bug fixes.

1.1.2 - 0103:

- Bug fixes and updates for proper ZPU configuration

1.1.1 - 1219:

- Original release.