

Dynoexelixis Upgrades the 997TT Tiptronic Control Unit (TCU)

The 997TT Tiptronic Control Unit (TCU) is responsible for controlling the transmission functions such as shift speed, shift RPM, torque and many other transmission related activities. Our TCU upgrade improves these functions to improve the overall performance of the 997 Turbo tiptronic transmission. We carefully disassembled and monitored the TCU functions while driving on our AWD dyno with an EPROM emulator. This allowed us to tune in real time and monitor the changes and how they affected the transmission performance. The final result is improved shift speeds, higher torque limits and raised rev limit to make use of all of the engines power up to 7000 RPMS.

![997_tcu](images/stories/a/997_tcu.jpg)

The Dynoexelixis 997 Turbo TCU upgrade incorporates the following functions:

- Increased Rev Limit - 7000 RPMS***
- Increased TQ Limits**
- Quicker Shifts Especially at Redline**
- Quicker Acceleration Times**
- Broader and More Usable Power Band**

*The ECU rev limiters must also be calibrated to allow higher TCU shift points. We offer various different ECU/TCU programming options to suite your specific requirements. TCU must be sent to us for upgrade. Same Day Turnaround.

Extensive real world testing has been conducted through out the world on many high powered 997TT tiptronic cars. The development cars were all fitted with 700 + HP engine upgrades. One car has made countless 1/4 mile launches recording a best time of 10.6 seconds @ 214 KPH (132.68 MPH).

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