

TurboBob Modified 3S ECU

Your ECU has been modified to allow higher RPM operation. To accomplish this the internal "timebase" for the microprocessor has been increased slightly. By doing this the microprocessor believes the engine is turning slower than it actually is, so the RPM range is extended.

There are 2 main side effects to this modification. The ECU 'tune' will be leaner by about 10%, so you must compensate for this lean shift by richening the tune. Operating turbocharged engines with lean mixtures will cause engine damage, so a retune is mandatory. The lean shift occurs equally at idle and full throttle so retuning is normally very easy. The second side effect is the communications "baud rate" will be shifted so that the datalogger/scantools will not connect. Update files are available from many of the datalogger/scantool suppliers to correct this.

The modification is available in 3 stages. See below for information on your application.

1991 3000GT/Stealth Available Stages:

Stock-7300 RPM(green),	2 - 8200 RPM(purple)	3 - 8400 RPM(red)
	Tune shift 12.3%	Tune shift 15%

1992 - 1995 3000GT/Stealth Available Stages:

Stock-7300 RPM(green),	1 - 8060 RPM(blue)	3 - 8400 RPM(red)
	Tune shift 10.5%	Tune shift 15%

1996 - present 3000GT/Stealth Available Stages:

Stock-7300 RPM(green),	2 - 8060 RPM(purple)
	Tune shift 10.5%

Your stock crystal and any other optional crystals are taped inside the ECU cover (where they won't get lost. You can change the crystal easily, but remove the ECU from the vehicle before attempting.

Any questions, please contact turbobob@bailey-eng.com