

Temic DSG DQ200 MQB Electronic Modification

Application: Seat Ibiza FR 1.4 TSI (150 hp) • Interface: KessV2 (Exclusive Support)

Purpose of Modification

Because stock DQ200 gearboxes are restricted in available torque limits (capped at 250 Nm standard), this electronic modification is applied to unlock torque thresholds and fully leverage ECU optimization.

HARDWARE & ARCHITECTURE OVERVIEW

Processor Unit Infineon Tricore TC1766 (Hybrid)	Immobilizer Status Linked in parallel with vehicle system
Identification Method Visible exclusively via KessV2 connection	Clutch Architecture Dry dual-clutch with multiple actuators

MAPS TO MODIFY (PERFORMANCE & RESPONSE)

Category	Map Designation	Adjustment / Target
Torque	Maximum Torque Limiter #1 (Nm TripT)	Edit to 480 Nm (+20%)
Torque	Maximum Torque Limiter - Eco	Edit to 480 Nm (+20%)
Torque	Maximum Torque Limiter F(Eng_T) (Nm)	Select All Interpolation: 20% / 15%
Torque	Maximum Torque Limiter - Sport (Nm)	Edit to 500 Nm

CLUTCH PROTECTION & REVERSE TORQUE

Map Parameter	Modification Instruction
Clutch Protection Torque Limiter #1, #3 (Nm)	Apply a +20% increase across the map
Maximum Reverse Torque (Nm)	Apply a +20% increase
RPM Limiter #1 (RPM MAN)	Edit value to 7100 RPM

TORQUE LIMITER #2 CONFIGURATION

Breakpoint Range	Command / Adjustment	Interpolation
Select between: 800 RPM to 1900 RPM	Command Setup A	20%
Select between: 2300 RPM to 5000 RPM	Command Setup B	20%
Select between: 5400 RPM to 6500 RPM	Command Setup C	15%

SYNCHRONIZATION & OIL PRESSURE

System	Map Parameter & Action
Synchronization	Shift Times S (Sport Mode) - Torque Reduction (#1, #2, #3) (ms): Select entire map Command: -15% Interpolation: -15%
Oil Pressure	Maximum Oil Pressure (bar): Edit to +8%