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Service Category: General	Section: Specifications	
Model Year: 2008	Model: ES350	Doc ID: RM000002KUJ001X
Title: SERVICE SPECIFICATIONS: 2GR-FE ENGINE CONTROL SYSTEM: TORQUE SPECIFICATIONS (2008 ES350)		

TORQUE SPECIFICATIONS

PART TIGHTENED	N*M	KGF*CM	FT. *LBF
Knock sensor x Cylinder block sub-assembly	20	199	14
ECM x Body	8.0	82	71 in.*lbf
Accelerator pedal rod assembly x Body	5.4	55	48 in.*lbf
Camshaft timing oil control valve assembly x Cylinder head cover sub-assembly	10	102	7
VVT sensor x Cylinder head cover sub-assembly	10	102	7
Crankshaft position sensor x Cylinder block sub-assembly	10	102	7
Engine coolant temperature sensor x Cylinder head sub-assembly	20	204	15
Throttle body x Intake air surge tank	10	102	7
Engine mounting bracket FR x Earth cable	5.0	51	44 in.*lbf
Engine mounting bracket FR x Active engine mounting	87	887	64
Engine mounting bracket FR x Automatic transaxle	64	653	47
Active engine mounting x Front frame assembly	52	530	38
Active engine mounting x Acceleration sensor	8.0	82	71 in.*lbf

