

TORQUE SPECIFICATION

Part tightened	N·m	kgf·cm	ft·lbf
No.1 idler pulley, No.2 idler pulley x Cylinder Block	34.5	350	25
Camshaft timing pulley x Camshaft timing tube	7.5	80	66 in.·lbf
Drive belt tensioner x Cylinder block	16	160	12
Timing belt tensioner x Oil pump	26	270	19
Crankshaft pulley x Crankshaft	245	2,500	181
Fan bracket x Cylinder block	12 mm head	16	12
	14 mm head	32	24
No.2 timing belt cover x Cylinder block	16	160	12
No.3 timing belt cover x Cylinder block, cylinder head	7.5	80	66 in.·lbf
Drive belt idler pulley x Fan bracket	37	380	27
Fluid coupling x Fan bracket	21	215	16
Exhaust manifold x Cylinder head	44	450	33
Cylinder head x Cylinder block	1st	39	29
	2nd	Turn 90°	Turn 90°
Camshaft drive gear x Camshaft timing tube	7.5	80	66 in.·lbf
Camshaft timing tube x Camshaft	78	790	58
Staright screw plug x Camshaft timing tube	15	150	11
Camshaft bearing cap x Cylinder head	Bolt C	7.5	66 in.·lbf
	Others	16	12
Cylinder head cover x Cylinder head	6.0	60	53 in.·lbf
Engine hanger x Cylinder head	37	380	27
Front water bypass joint, Rear water bypass joint x Cylinder head	18	185	13
Intake manifold x Cylinder head	18	185	13
V-bank cover bracket x engine hanger	7.5	80	66 in.·lbf
Timing belt rear plate x Cylinder head	7.5	80	66 in.·lbf
Main bearing cap x Cylinder block	2 progressive type 1st	27	20
	2nd	Turn 90°	Turn 90°
	Others	49	36
Connecting rod cap x Connecting rod	1st	25	18
	2nd	Turn 90°	Turn 90°
Rear oil seal retainer x Cylinder block	8.0	80	71 in.·lbf
Engine coolant drain union x Cylinder block	49	500	36
Water seal plate x Cylinder block	14	145	10
Water bypass pipe x Cylinder Block	18	185	13
Engine mounting bracket x Cylinder block	36	370	27
Drive plate x Crankshaft	83	850	61
Transmission x Cylinder block	72	730	53
Transmission x No.1 oil pan	37	380	27
Drive plate x Torque converter clutch	41	420	30
Flywheel housing under cover x Transmission	18.5	185	14
Rear engine mounting member x Body	25	250	19
Rear engine mounting member x Rear engine mounting insulator	13.5	135	10
Transmission control rod x Shift lever	13	130	9
Front suspension crossmember x Engine mounting insulator	70	700	52
A/C compressor x Cylinder block, Fan bracket	49	500	36

2000 LEXUS LS400 (RM717U)

A/C compressor stay x Oil filter bracket		29	300	22
PS pump x Cylinder head	Bolt	39	400	29
	Nut	43	440	32
Front center floor crossmember brace x Body		13	130	9
Rear center floor crossmember brace x Body		13	130	9
TWC x Exhaust manifold		61.8	630	46
Front exhaust pipe x TWC		43.1	440	32
Front exhaust pipe support bracket x Transmission		43.1	440	32
Tailpipe bracket x Body		12.7	130	9
Damper x Front exhaust pipe		19	195	14
Heated oxygen sensor x Front exhaust pipe		44	450	33