

TORQUE SETTINGS		LOTUS ELISE		
TYPICAL DISCLAIMER: USE THIS AT YOUR OWN RISK!!				
9/26/08		n Meters	Ft. Lbs.	In Lbs.
10 mm nut	6 mm bolt	6	4	52
12/13 mm nut	8 mm bolt	15	11	132
14 mm nut	10 mm bolt	30	22	264
17 mm nut	12 mm bolt	54	40	480
19 mm nut	14 mm bolt	83	61	732
22 mm nut	16 mm bolt	127	94	1128
ITEMS SHOWN IN RED SHOULD BE CHECKED BEFORE ANY TRACK EVENT				
FRONT SUSPENSION				
Upper/Lower wishbone pivot bolts		45	33	394
Upper swivel joint to steering arm		55	40	482
Lower swivel joint to plinth		55	40	482
Steering arm to hub carrier 8.8		45	33	394
Steering arm to hub carrier 10.9		68	50	596
Track rod end to steering arm		30	22	263
Damper to lower wishbone		45	33	394
Damper to top anchor bracket		45	33	394
Damper anchor bracket to chassis		25	18	219
Hub bearing unit to hub carrier		90	66	788
Brake caliper to hub carrier		45	33	394
Anti-roll bar alloy mounting clamps		25	18	219
Anti-roll bar drop links		45	33	394
REAR SUSPENSION				
Upper/Lower wishbone pivot bolts		45	33	394
Upper/lower swivel joint ball pins		55	40	482
Upper swivel joint plinth to hub carrier 8.8		45	33	394
Upper swivel joint plinth to hub carrier 10.9		68	50	596
Toe-link outer ball joint to hub carrier		55	40	482
Toe link inner ball joint/wishbone to subframe		50	37	438
Toe-link ball joint lock nuts		60	44	526
Damper to lower wishbone		45	33	394
Damper to chassis		45	33	394
Brake caliper to hub carrier, upper M10		48	35	420
Brake caliper to hub carrier, lower M8		28	20	245
Hub bearing unit to hub carrier		90	66	788
Rear hub nut		220	161	1927
Wheel lug nuts		105	77	920
Rear toe link brace, if fitted		60	44	526
Wheel well liners				
Rear diffuser bolts (all)				
CHECK PERIODICALLY				
Carpet bolts	monthly			
Lid latch cap screws	10,000 miles			
Sparkplug	w/o anti-seize	18	13	158
Sparkplug	w/ anti-seize	10.8	8	95
(Reduce torque setting 40% for lubricated threads)				

n Meters	Ft. Lbs.	In Lbs.
1	0.7	9
2	1.5	18
3	2.2	27
4	3.0	35
5	3.7	44
10	7	89
15	11	133
20	15	177
25	18	221
30	22	266
35	26	310
40	30	354
45	33	398
50	37	443
55	41	487
60	44	531
65	48	575
70	52	620
75	55	664
80	59	708
85	63	752
90	66	797
95	70	841
100	74	885
105	77	929

Multiply nM x .73 to obtain Ft. lb.
Multiply Ft. lb. x 1.356 to obtain nM
Multiply In Lb x 12 to obtain Ft. Lb.

Sparkplugs- General (dry)	nM	Ft. Lbs.	In. Lbs.
Thread Size 10mm	9	7	79
Thread Size 12mm	18	13	158
Thread Size 14mm	26	19	228
Thread Size 18mm	39	28	342