



LCE SDS TUNING PROGRAM #4

ECU TYPE	LCE PRO FUEL / SDS
VEHICLE	TOYOTA
YEAR	1998
2WD/4WD	N/A
ENGINE	3RZ STOCK
COMPRESSION RATIO	9.5:1
CAMSHAFT	3RZ STOCK
INTAKE MANIFOLD	TOYOTA 3RZ PORTED
AXLE RATIO	N/A
TIRE SIZE	N/A

BOOST	NO
MAP SENSOR	1 BAR
FUEL TYPE	91 OCTANE
FUEL PSI	40 PSI
FUEL INJECTOR	300cc STOCK 3RZ
FUEL PUMP	WALBRO 255 LPH
INTERCOOLER	NO
SPECIAL CONSIDERATIONS	TUNE ENGINE ONLY ON DYNO
ORIGINATION OF TUNE	LC ENGINEERING

*Using these maps do so **AT YOUR OWN RISK**, there is no guarantee that these maps will work well for your application, engine damage can occur.

MAN PRES	VAL	RPM FUEL	VAL	ENG TEMP	VAL	RET/MANPR	VAL	RPM IGN	VAL	START	VAL
-28.8	1	500	140	-40	118	-28.8	0	500	15	-40	80
-28.3	1	750	143	-13	108	-28.3	0	750	15	-13	70
-27.9	1	1000	143	5	102	-27.9	0	1000	15	5	60
-27.4	1	1250	139	18	96	-27.4	0	1250	15	18	50
-27	1	1500	139	28	90	-27	0	1500	15	28	40
-26.5	19	1750	144	36	84	-26.5	0	1750	17	36	30
-26	20	2000	148	41	78	-26	0	2000	19	41	25
-25.5	21	2250	154	45	45	-25.5	0	2250	24	45	20
-25	22	2500	159	46	40	-25	0	2500	27	46	18
-24.6	23	2750	162	55	35	-24.6	0	2750	30	55	15
-24.1	25	3000	157	61	35	-24.1	0	3000	30	61	13
-23.6	26	3250	161	64	30	-23.6	0	3250	30	64	12
-23.2	27	3500	161	68	27	-23.2	0	3500	30	68	11
-22.7	28	3750	173	73	24	-22.7	0	3750	30	73	14
-22.2	29	4000	178	77	21	-22.2	0	4000	30	77	15
-21.8	29	4250	187	81	19	-21.8	0	4250	30	81	8
-21.3	30	4500	187	86	17	-21.3	0	4500	30	86	7
-20.8	30	4750	189	93	16	-20.8	0	4750	30	93	6

-20.3	30	5000	197	99	7	-20.3	0	5000	30	99	5	
-19.9	32	5250	197	106	4	-19.9	0	5250	30	106	4	
-19.4	34	5500	182	113	3	-19.4	0	5500	30	113	3	
-18.9	36	5750	182	118	2	-18.9	0	5750	30	118	2	
-18.5	38	6000	162	122	1	-18.5	0	6000	30	122	1	
-18	40	6250	162	126	0	-18	0	6250	30	126	0	
-17.5	42	6500	162	129	0	-17.5	0	6500	30	129	0	
-17.1	44	6750	162	136	0	-17.1	0	6750	30	136	0	
-16.6	46	7000	160	142	0	-16.6	0	7000	30	142	0	
-16.1	48	7250	160	158	0	-16.1	0	7250	28	158	0	
-15.6	50	7500	160	176	0	-15.6	0	7500	28	176	0	
-15.2	52	7750	160	194	0	-15.2	0	7750	28	194	5	
-14.7	54	8000	160	230	0	-14.7	0	8000	28	230	7	
-14.2	56	8250	160	302	0	-14.2	0	8250	28	302	9	
-13.8	58	8500	160			-13.8	0	8500	28			
-13.3	60	8750	150			-13.3	0	8750	28			
-12.8	62	9000	150			-12.8	0	9000	28			
-12.4	64	9250	150			-12.4	0	9250	28			
-11.9	66	9500	150			-11.9	0	9500	28			
-11.4	68	9750	150			-11.4	0	9750	28			
-10.9	70					-10.9	0					
-10.5	72					-10.5	0					
-10	74					-10	0					
-9.54	76	ACCPUMPLORPM=29					-9.54	0				
-9.07	78	ACCPUMPHIRPM=20					-9.07	0				
-8.6	80	ACCPUMPSENSE=5					-8.6	0				
-8.13	82	START CYCLES=42					-8.13	0				
-7.66	84	MAGNET POSITION=82					-7.66	0				
-7.19	86	KNOCK RETARD=2					-7.19	0				
-6.72	88	KNOCK SENSE=8					-6.72	0				
-6.25	90	CL MAP HI=6.72					-6.25	0				
-5.78	92	CL MAP LO=20.3					-5.78	0				
-5.31	94	CL RPM HI=3750					-5.31	0				
-4.83	96	CL RPM LO=1500					-4.83	0				
-4.37	98	CLOSED LOOP=ON					-4.37	0				
-3.9	100	FUELCUT/MANPRESS=					-3.9	0				
-3.42	102	FUELCUT/RPM=					-3.42	0				
-2.95	104	FUELCUT BELOW TP=					-2.95	0				
-2.49	106	FAST IDLE SWITCH=					-2.49	0				
-2.02	108	IDLE TP LOCATION=					-2.02	0				
-1.55	110	IDLE FUEL AMOUNT=					-1.55	0				
-1.08	112					-1.08	0					
-0.62	114					-0.62	0					
-0.14	116					-0.14	0					
0.33	118					0.33	0					
0.8	120					0.8	0					