

	A	2NZ-FE 117.2 to 127.2 (4.614 to 5.008) 1NZ-FE 132.1 to 142.1 (5.201 to 5.594)	2NZ-FE 144.4 to 154.4 (5.685 to 6.079) 1NZ-FE 159.3 to 169.3 (6.272 to 6.665)
	B	Pedal Free Play 5 to 15 (0.197 to 0.591)	
		Push Rod Play 1 to 5 (0.039 to 0.197)	
C	125 (0.98)		
mm (in.)		SAE J1703 or FMVSS No. 116 DOT3	
	A	136.0 to 146.0 (5.36 to 5.74)	107.3 to 117.3 (4.22 to 4.61)
	B	1 to 6 (0.039 to 0.236)	
	*1 C	91 (3.58)	76 (2.99)
mm (in.)		SAE J1703 or FMVSS No. 116 DOT3	
		8 to 11	
200N (20 kgf, 45 lbf)			
	A	1.0 (0.039)	-
	B	19.0 (0.748)	-
mm (in.)		-	1.0 (0.039)
		-	201 (7.913)
mm (in.)		-	201 (7.913)
NCP			
		2NZ-FE	1NZ-FE
		1.9 (2.0, 1.7)	
A liter (US qts, Imp. qts)		Toyota Genuine Manual Transmission Gear Oil "LV GL-3 and SAE 75W-90" or "API GL-4 and SAE 75W"	
	B liter (US qts, Imp. qts)	Drain and refill 2.5 (2.6, 2.2) Dry fill 5.6 (5.9, 4.9)	Drain and refill 2.5 (2.6, 2.2) Dry fill 6.4 (6.8, 5.6)
	Toyota Genuine ATF T-IV		Toyota Genuine ATF WS
A		39 (400, 29)	
B N-m (kgf-cm, ft-lbf)		17 (175, 13)	49 (500, 36)

		NCP			
		103 (1050, 76)			
		NCP			
		30 (1.18)			
		mm (in.)			
	A	Except for Rough Road Package	175/70R14 175/65R15	-0°21' ± 45' (-0.35° ± 0.75°)	-0°57' ± 30' (-0.93° ± 0.5°)
		Rough Road Package	175/65R14 185/60R15	-0°15' ± 45' (-0.25° ± 0.75°)	-0°57' ± 30' (-0.95° ± 0.5°)
			175/70R14 175/65R15	0°02' ± 45' (0.03° ± 0.75°)	-0°54' ± 30' (-0.90° ± 0.5°)
		B (Reference)	Except for Rough Road Package	175/70R14 175/65R15	11°21' (11.35°)
	Rough Road Package		175/65R14 185/60R15	11°09' (11.15°)	-
	C	Please refer to the Repair Manual (Service Specifications, Suspension)		-	
		D	Except for Rough Road Package	175/70R14 175/65R15	40°44' ± 2' (40.73° ± 2°)
	Rough Road Package		175/65R14 185/60R15	41°01' ± 2' (41.02° ± 2°)	-
			175/65R14 185/60R15	41°35' ± 2' (41.58° ± 2°)	-
	G-H mm (in.)	Except for Rough Road Package	175/70R14 175/65R15	1.2 ± 2.0 (0.0472 ± 0.0787)	3.8 ± 3.0 (0.150 ± 0.118)
			175/65R14	1.3 ± 2.0 (0.0512 ± 0.0787)	3.4 ± 3.0 (0.134 ± 0.118)
		Rough Road Package	175/65R14	1.3 ± 2.0 (0.0512 ± 0.0787)	2.7 ± 3.0 (0.106 ± 0.118)
185/60R15			1.4 ± 2.0 (0.0551 ± 0.0787)	2.8 ± 3.0 (0.110 ± 0.118)	
		160 km/h = 100 mph			
	175/65R14 82T	220 (2.2, 32)	220 (2.2, 32)		
	175/70R14 84S	250 (2.5, 36)	240 (2.4, 35)		
	175/65R15 84H	230 (2.3, 33)	220 (2.2, 32)		
		185/60R15 84H	220 (2.2, 32)		
kPa (kgf/cm ² , psi)					

*1 When brake pedal is depressed with the force of 300 N (31 kgf, 67.4 lbf) while the engine is running.

YARIS

NCP 130, 131



		NCP	
<p>20°C (68°F)</p>		12.5 to 12.9	
		2NZ-FE	1NZ-FE
cc (cu. in.)		1299 (79.3)	1497 (91.3)
<p>mm (in.) N (kg, lb)</p>	12.5 to 13.5 (0.49 to 0.53) *300 to 400 (31 to 41, 67 to 90)		
<p>BTDC</p>		8 to 12°	
		(DLC3 Terminals 13 (TC) - 4 (CG) Connected)	
<p>mm (in.)</p>	0.15 to 0.25 (0.006 to 0.010)		
	0.25 to 0.35 (0.010 to 0.014)		
<p>(DLC3 Terminal 9 (TAC) Connected)</p> <p>rpm</p>	600 to 700		
	650 to 750		

		NCP	
<p>kPa (kgf/cm², psi)</p>		980 (10.0, 142)	
		784 (8.0, 114)	
		98 (1.0, 14)	
<p>kPa (kgf/cm², psi)</p>		29 (0.3, 4.3)	
	<p>3000 rpm</p>	150 to 550 (1.5 to 5.6, 22 to 80)	
		NCP	
<p>liter (US qts, Imp. qts)</p>		3.4 (3.6, 3.0)	
		3.7 (3.9, 3.3)	
		<small>20W-50 and 15W-40: API grade SL or SM multigrade engine oil 10W-30 and 5W-30: API grade SL Energy-Conserving, SM Energy-Conserving or ILSAC*1 multigrade engine oil</small>	
<p>N·m (kgf-cm, ft-lbf)</p>	<p>A</p>	38 (382, 28)	
<p>liter (US qts, Imp. qts)</p>	5.0 (5.3, 44)		

*1 ILSAC: International Lubricant Standardization and Approval Committee