

	A	197.9 to 207.9 (7.791 to 8.185)	193.9 to 203.9 (7.634 to 8.028)
	B	5 to 15 (0.20 to 0.60)	
	C	↑ 25 (0.98)	
mm (in.)	SAE J1703 or FMVSS No. 116 DOT3		
		TRJ	GRJ
	A	LHD: 181.6 to 191.6 (7.15 to 7.54) RHD: 180.6 to 190.6 (7.11 to 7.50)	
	B	1 to 6 (0.04 to 0.24)	
	C*1	↑ 52 (2.05)*2 ↑ 55 (2.17)*3 ↑ 55 (2.17)*4	
mm (in.)	SAE J1703 or FMVSS No. 116 DOT3		
	5 to 7		
196 N (20 kgf, 44 lbf)			
mm (in.)	A	↑ 1.0 (0.039)	
	B	↑ 26 (1.02)	↑ 16 (0.63)
	↑ 1.0 (0.039)		
	↓ 211 (8.307)		
N·m (kgf·m, ft·lbf)	113 (11.5, 83)		
		TRJ	GRJ
liter (US qts, Imp. qts)		2.2 (2.3, 1.9)	—
		—	1.8 (1.9, 1.6)
API GL-4 or GL-5 SAE 75W-90			
liter (US qts, Imp. qts)		4-Speed Level Gauge Type 2.0 (2.1, 1.8)	5-Speed Overflow Type 3.0 (3.2, 2.6)
		Toyota Genuine ATF Type T-IV	Toyota Genuine ATF WS

	1.4 (1.5, 1.2)		
liter (US qts, Imp. qts)	Hypoid gear oil API GL-5 SAE 75W-90		
Australia	1.4 (1.5, 1.2)	w/ Rear Differential Lock 2.95 (3.1, 2.6) w/o Rear Differential Lock 3.05 (3.2, 2.7)	
		Others	3-door model w/ Rear Differential Lock 2.4 (2.6, 2.1) w/o Rear Differential Lock 2.5 (2.6, 2.2)
		5-door model w/ Rear Differential Lock 2.95 (3.1, 2.6) w/o Rear Differential Lock 3.05 (3.2, 2.7)	
Hypoid gear oil API GL-5 With LSD use LSD oil only SAE 90 (↑ -18°C (0°F)) SAE 80W, 80W-90 (↓ -18°C (0°F))			
liter (US qts, Imp. qts)	A	37 (377, 27)	
	B	20 (204, 15)	
	C	37 (377, 27)	
	D	49 (500, 36)	
N·m (kgf·cm, ft·lbf)			
	TRJ-GRJ		
	↓ 30 (1.2)		
mm (in.)			
		3-door model	5-door model
	A	0°16' ± 45' (0.27° ± 0.75°)	0°19' ± 45' (0.32° ± 0.75°)
	B	12°14' ± 45' (12.23° ± 0.75°)	12°11' ± 45' (12.18° ± 0.75°)
	C	2°41' ± 45' (2.68° ± 0.75°)	Normal suspension 2°40' ± 45' (2.67° ± 0.75°) Air suspension 2°56' ± 45' (2.93° ± 0.75°)
	D	36°20' <sup>+1°</sup> / <sub>-2°</sub> (36.33° <sup>+1°</sup> / <sub>-2°</sub> )	
	E+F	0°05' ± 0°10' (0.08° ± 0.16°)	0°10' ± 0°10' (0.16° ± 0.16°)
	G-H	1 ± 2 (0.04 ± 0.08)	2 ± 2 (0.08 ± 0.08)
mm (in.)			
	225/70R17 108S	200 (2.0, 29)	200 (2.0, 29) 260 (2.7, 38)*5
	225/70R17C 108S	200 (2.0, 29)	200 (2.0, 29) 290 (3.0, 42)*5
	P265/65R17 110S	200 (2.0, 29)	200 (2.0, 29)
	265/65R17 112S	200 (2.0, 29) 190 (1.9, 28)*6	200 (2.0, 29) 190 (1.9, 28)*6
kPa (kgf/cm <sup>2</sup> , psi)			

\*1 When brake pedal is depressed with the force of 490 N (50 kgf, 110 lbf) while the engine is running. \*2 With ABS \*3 Without ABS

\*4 With VSC \*5 Standard inflation for all loads including full rated loads. \*6 Australia

# Land Cruiser

TRJ120, 125  
GRJ120, 125



		<b>TRJ</b>	<b>GRJ</b>
 20°C (68°F)		<b>1.25 to 1.29</b>	
 cm <sup>3</sup> or cc (cu. in.)		<b>2TR-FE</b>	<b>1GR-FE</b>
		<b>2694 (164.4)</b>	<b>3956 (241.4)</b>
 A mm (in.)	<b>DENSO</b>	<b>SK20HR11*<sup>4</sup></b> <b>K20HR-U11*<sup>5</sup></b>	<b>K20HR-U11</b>
	<b>NGK</b>	<b>ILFR6C11*<sup>4</sup></b> <b>LFR6C11*<sup>5</sup></b>	<b>LFR6C11</b>
		<b>1.0 to 1.1</b> (0.039 to 0.043)	<b>1.1 (0.043)</b>
 BTDC		<b>3 to 7°</b> (DLC3 Terminals 13 (TC) – 4 (CG) connected)	<b>7 to 24°</b> (DLC3 Terminals 13 (TC) – 4 (CG) connected)
 mm (in.)		—	<b>0.15 to 0.25</b> (0.006 to 0.010)
		—	<b>0.29 to 0.39</b> (0.011 to 0.015)
	 rpm	 <b>600 to 700</b>	 <b>650 to 750</b>

 kPa (kgf/cm <sup>2</sup> , psi)		<b>1230</b> (12.5, 178)	<b>1300</b> (13.3, 189)
		<b>883</b> (9.0, 128)	<b>1000</b> (10.2, 145)
		<b>98</b> (1.0, 14)	<b>100</b> (1.0, 15)
 kPa (kgf/cm <sup>2</sup> , psi)		<b>29 (0.3, 4.2)</b>	
	 3,000rpm	<b>160 to 490</b> (1.6 to 5.3, 23 to 75)	<b>294 to 588</b> (3.0 to 6.0, 43 to 85)
		<b>2TR-FE</b>	<b>1GR-FE</b>
		<b>5.0 (5.3, 4.4)</b>	<b>4.9 (5.2, 4.3)</b>
		<b>5.7 (6.0, 5.0)</b>	<b>5.2 (5.5, 4.6)</b>
 A liter (US qts, imp. qts)		<b>20W-50 and 15W-40</b> API grade SJ or SL multigrade engine oil	
 A liter (US qts, imp. qts)		<b>10W-30 and 5W-30</b> API grade SJ "Energy-Conserving", SL "Energy-Conserving" or ILSAC* <sup>6</sup> multigrade engine oil	
 N·m (kgf-cm, ft-lbf)	<b>A</b>	<b>40 (408, 30)</b>	
 liter (US qts, imp. qts)		<b>M/T</b> <b>8.3 (8.8, 7.3)</b>	<b>M/T</b> <b>9.4 (9.9, 8.3)</b>
		<b>A/T</b> <b>8.1 (8.6, 7.1)</b>	<b>A/T</b> <b>9.8 (10.4, 8.6)</b>

\*1 Initialization required. Refer to the repair manual for the initialization procedures. \*2 Power Window \*3 Sliding Roof System

\*4 Unleaded Gasoline \*5 Leaded Gasoline \*6 ILSAC: International Lubricant Standardization and Approval Committee