

TOYOTA LAND CRUISER 105 SERIES MAINTENANCE SCHEDULE

Maintenance Operations:

A = Check and/or adjust as necessary
I = Inspect and correct or replace as necessary
R = Replace, change or lubricate

SERVICE INTERVAL: (Odometer reading or months, whichever comes first)	Odometer Reading																Months			
	x 1000 km		1	5	10	15	20	25	30	35	40	45	50	55	60	65		70	75	80
	x 1000 miles		0.6	3	6	9	12	15	18	21	24	27	30	33	36	39		42	45	48
BASIC ENGINE COMPONENTS																				
1	Timing belt (2UZ-FE, 1HZ and 1HD-T engines)	Replace every 150,000 km (90,000 miles)																	-	
	Valve clearance																			
2	Gasoline engine <See note 1>																			
	Without three-way catalytic converter					I					I							I	24	
	With three-way catalytic converter																	I	96	
	Diesel engine <See note 2>																	I	48	
3	Drive belts					I				I					I			I	24	
	Engine oil																			
4	Gasoline engine (API SH or SJ, or ILSAC) <See note 3>			R		R		R		R		R		R		R		R	12	
	Diesel engine (API CF-4 or CF) <See note 4>		R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	6	
5	Engine oil filter			R		R		R		R		R		R		R		R	12	
6	Cooling and heater system hoses and connections <See note 5>										I							I	24	
7	Engine coolant <See note 6>										R							R	24	
8	Exhaust pipes and mountings					I					I				I			I	12	
IGNITION SYSTEM																				
	Spark Plugs																			
9	Gasoline engine without three-way catalytic converter			I		R		I		R		I		R		I		R	I:12/R:24	
	Gasoline engine with three-way catalytic converter																			
	2UZ-FE engine	Replace every 100,000 km (60,000 miles)																	-	
	1FZ-FE engine										R							R	48	
10	Battery			I		I		I		I		I		I		I		I	12	
FUEL AND EMISSION CONTROL SYSTEMS																				
	Fuel filter																			
	Gasoline engine																			
	Without three-way catalytic converter										R							R	48	
	With three-way catalytic converter																	R	96	
11	Diesel engine																			
	Single filter <See note 7>					R				R				R				R	24	
	Double filter																			
	Main filter <See note 7>					R				R				R				R	24	
	Pre-filter <See note 8>			R		R		R		R			R		R		R	R	12	
12	Water sedimenter (diesel engine)			I		I		I		I		I		I		I		I	12	
13	Air cleaner filter	Inspect every 10,000 km (6,000 miles) or 12 months. Replace every 100,000 km (60,000 miles) or 120 months																	-	
14	Idle speed (diesel engine)	A					A				A				A			A	24	
15	Idle mixture (1FZ-FE engine without three-way catalytic converter)	A					A				A				A			A	24	
16	Diesel smoke (diesel engine)										I							I	48	
17	Fuel tank cap, fuel lines and connections <See note 9>										I							I	24	
18	Positive crankcase ventilation valve, ventilation hoses and connections (Gasoline Engine without three-way catalytic converter)					I					I				I			I	12	
19	Charcoal canister (gasoline engine)										I							I	24	
CHASSIS AND BODY																				
20	Clutch pedal	I																	-	
21	Brake pedal and parking brake	I		I		I		I		I		I		I		I		I	6	
22	Brake linings and drums					I				I				I				I	12	
23	Brake pads and discs			I		I		I		I				I				I	6	
24	Brake fluid	I		I		I		I		I		R		I		I		R	I:6/R:24	
25	Clutch fluid	I		I		I		I		I		I		I		I		I	6	
26	Brake line pipes and hoses	I		I		I		I		I		I		I		I		I	12	
27	Power steering fluid			I		I		I		I				I				I	6	
28	Steering wheel, linkage and gear box	I		I		I		I		I		I		I		I		I	6	
29	Steering knuckle, drag link, kingpin, center arm and steering linkage grease (vehicles with rigid front suspension)		R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	3	
30	Propeller shafts grease (including tightening of bolts) <See note 10>			R		R		R		R		R		R		R		R	6	
31	Differential gear oil					I					R				I			R	I:12/R:48	
32	Manual transmission oil										I							I	48	
33	Automatic transmission fluid										I							R	I:24/R:48	
34	Transfer oil										I							I	48	
35	Wheel bearing grease and ball joints grease					R				R				R				R	12	
36	Front and rear suspensions	I		I		I		I		I		I		I		I		I	6	
37	Active height control suspension fluid	Replace every 100,000 km (60,000 miles)																	-	
38	Active height control gas chamber	Inspect first 40,000 km (24,000 miles) or 48 months then every 10,000 km (6,000 miles) or 12 months																	-	
39	Tyres and inflation pressure			I		I		I		I		I		I		I		I	6	
40	All lights, horns, wipers and washer			I		I		I		I		I		I		I		I	6	
AIR CONDITIONING/COOLER REFRIGERANT																				
		I																I	12	

Notes

- Inspect the tappet noise and engine vibration and adjust if necessary
- Inspect the valve clearance using thickness gauge and adjust if necessary
- For China, replace every 5,000 km (3,000 miles) or 6 months
- You may also use API CE or CD
- After 80,000 km (48,000 miles) or 48 months, inspect every 20,000 km (12,000 miles) or 12 months
- Use "TOYOTA Long Life Coolant" or equivalent
- If the fuel used has a high level of impurities, such as fuel supplied from a drum, replace every 10,000 km (6,000 miles) or 12 months
- If the fuel used has a high level of impurities, such as fuel supplied from a drum, replace every 5,000 km (3,000 miles) or 6 months
- After 80,000 km (48,000 miles) or 48 months, inspect every 20,000 km (12,000 miles) or 12 months
- After submerged, be sure to apply grease within 24 hours regardless of the maintenance intervals