

MAINTENANCE SCHEDULE - EUROPE 15,000 km/9,000 miles

Includes updates from **MARCH** until **JUNE '08**

New information: Hilux and Hiace running change

MAINTENANCE OPERATIONS

I: Inspect and correct or replace as necessary.

R: Replace or change or lubricate. C: Clean

new information

corrections

DIESEL ENGINE

SERVICE INTERVALS: Odometer reading or months, whichever comes first			ODOMETER READING												Months (): for reference	2KD-FTV (2.5 D4D)		2KD-FTV (2.5 D4D)	1KD-FTV (3.0 D4D)			
			× 1,000 km	1	7.5	15	22.5	30	37.5	45	52.5	60	67.5	75		82.5	90	KDN1##		KUN15,25	KUN26	
MAINTENANCE ITEMS			× 1,000 miles	1	4.5	9	13.5	18	22.5	27	31.5	36	40.5	45		49.5	54	01/08	03/07	05/07	06/07 08/08	06/07 08/08
Timing Belt			*5	I I I I I I I I I I I I I I I I												—	●	●	●	●	●	
Replace every 150,000 km (90,000 miles)																						
Timing pulley*5				I I I I I I I I I I I I I I I I															●	●		
Timing belt cover*5				C C C C C C C C C C C C C C C C															●	●		
Valve Clearance		*I : Sensory Inspection										*I					(Every 48 months)	●	●			
		*I : Sensory Inspection						I				I				(Every 48 months)			●	●	●	
Drive belt		V-ribbed belt	Inspect at 90.000 km (54.000 miles); after, inspect every 30.000 km (18.000 miles)												Initial 72 months; then, every 12 months	●	●					
		V-ribbed belt	Inspect at 105.000 km (63.000 miles); after, inspect every 15.000 km (9.000 miles)												Initial 72 months; then, every 12 months			●	●	●		
Engine oil (API: CF-4)*1			Normal	R				R				R				R	Every 12 months	●	●	●	●	●
			Severe	R				R	R	R	R	R	R	R	R	Every 6 months	●	●	●	●	●	
			OMMS	Relace when the reminder light comes on or after max. 30.000km/24 months															●	●	●	
Engine oil filter			Normal	R				R				R				R	Every 12 months	●	●	●	●	●
			Severe	R				R	R	R	R	R	R	R	R	Every 6 months	●	●	●	●	●	
			OMMS	Relace when the reminder light comes on or after max. 30.000km/24 months															●	●	●	
Cooling and heater system *2				I				I				I				I	Every 24 months	●	●	●	●	●
Engine coolant		LLC (green/pink) *3										R				R	Initial: 36 months	●				
		S-LLC (pink) *4		I				I				I				I			●	●	●	●
Exhaust pipes and mountings				I				I				I				I	Every 12 months	●	●	●		
				I				I				I				I	Every 24 months				●	●
Fuel filter												R				R	Every 72 months	●	●			
Diesel smoke								I				I				I	Every 48 months	●	●	●		
								I				I				I	Every 48 months				●	●
Air cleaner filter		Normal	I				I				R				I	I	I: Every 12 months Every 48 months	R: ●	●	●	●	●
		Dusty road	I				I	I	I	I	R	I	I	I	I	I	I: Every 6 months Every 48 months	R: ●	●	●	●	●
Air flow meter (for EURO IV vehicles)*5												S				S	Every 48 months				●	●
Fuel tank cap, fuel lines, connections				I				I				I				I	Every 24 months	●	●	●	●	●

*1: You may also use API CF, CE or CD.

*2: Check that the radiator and condenser are not blocked with leaves, dirt or insects; check radiator fins; check hoses and connections for correct installation, corrosion etc.; clean if necessary

*3: After 60,000 km (36,000 miles) or 36 months, replace every 30,000 km (18,000 miles) or 24 months.

*4: Only use "Toyota Super Long Life Coolant" or similar high quality ethylene glycol based non-silicate, non-amine, non-nitrate and non-borate coolant with long life hybrid organic acid technology (= combination of low phosphates and organic acids)

*5: For vehicles often operated in extremely dusty conditions, such as mining. Inspect for cracks on the timing belt and abnormal wear on the timing pulley.

Remove dust and sand from the timing belt cover.

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New information: Hilux and Hiace running change

Correction: "Propeller shaft bolts" retroactively added on Hilux 2WD

MAINTENANCE OPERATIONS

I: Inspect and correct or replace as necessary T: Tighten to specified torque.

new information

R: Replace or change or lubricate.

L: Lubricate

corrections

CHASSIS AND BODY 1/2

SERVICE INTERVALS:			ODOMETER READING															Hilux 2WD		Hilux 4WD		Hilux 2WD			Hilux 4WD	
Odometer reading or months, whichever comes first																Months	KDN145, 150		KDN165, 170		KUN15			KUN25	KUN25,26	
× 1,000 km			1	7.5	15	22.5	30	37.5	45	52.5	60	67.5	75	83	90						05/07	06/07	08/08	05/07	06/07	
× 1,000 miles			1	4.5	9	13.5	18	22.5	27	31.5	36	40.5	45	50	54		01/08		03/07		05/07		06/07		08/08	
MAINTENANCE ITEMS																										
Clutch pedal			No maintenance														●	●	●	●			●	●		
Brake pedal and parking brake																I	●	●	●	●		●	●	●	●	●
Brake linings and drums																I	●	●	●	●		●	●	●	●	●
(Include brake linings of parking brake)																I	●	●	●	●		●	●	●	●	●
Brake pads and discs																I	●	●	●	●		●	●	●	●	●
Clutch fluid			SAE J1703 or FMVSS No. 116 DOT3													I	●	●	●	●		●	●	●	●	●
Brake fluid			SAE J1703 or FMVSS No. 116 DOT3													R	●	●	●	●		●	●	●	●	●
Brake pipes and hoses																I	●	●	●	●		●	●	●	●	●
Vacuum pump for brake booster (Diesel engine only)			Inspect every 195, 000 km (117, 000 miles)																		11	11	11	11	11	
Power steering fluid			A/T fluid DEXRON® II or III													I	●	●	●	●		●	●	●	●	●
Steering wheel, linkage and steering gear box																I	●	●	●	●		●	●	●	●	●
Steering knuckle, drag link, kingpin, center arm and steering linkage grease																L	●	●	●	●		●	●	●	●	●
Front suspension arm bushing grease (screw type)																R	●	●								
Propeller shaft grease NLGI No.2																L			1	1			1	1	1	
Severe			L L L L L L L L L L L L L													L			1	1			1	1		
Normal																T	●	●				●	●	●	●	
Severe			T T T T T T T T T													T	●	●			●	●	●	●		
Normal																T	●	●				●	●			
Severe			T T T T T T T T T T T T T													T	●	●				●	●			
Drive shaft boots																I			●	●					●	●
Severe			I I I I I I I I I													I			●	●				●	●	
Drive shaft bolts																T			●	●						
Severe			T T T T T T T T T													T			●	●						
Suspension ball joints and dust covers																I	●	●	●	●		●	●	●	●	●
Normal																I	●	●	●	●		●	●	●	●	●
Severe			I I I I I I I I I													I	●	●	●	●		●	●	●	●	
Manual transmission oil			Gear oil API: GL-4 or GL-5														●	●				●	●			
Normal																I			●	●				●	●	
Severe																R			●	●				●	●	
Normal																I						●				
Severe																R										
Automatic transmission fluid			Other than T-IV (ATF D-II or DEXRON-III (II))													R										
Normal																R										
Severe			I I I I I I I I I													R										
Transfer oil			Gear oil API: GL-4 or GL-5													I			●	●				●	●	
Normal																R			●	●				●	●	
Severe																R										

1: Lubricate within 24 hours after submerging

11: Includes necessary replacement of the blades

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MAINTENANCE SCHEDULE - EUROPE 15,000 km/9,000 miles

Includes updates from **MARCH** until **JUNE '08**

6/24/2008

New information: Hilux and Hiace running change; Particle filter maintenance added

MAINTENANCE OPERATIONS

I: Inspect and correct or replace as necessary. T: Tighten to specified torque.

new information

R: Replace or change or lubricate.

corrections

CHASSIS AND BODY 2/2

SERVICE INTERVALS: Odometer reading or months, whichever comes first			ODOMETER READING													Hilux 2WD		Hilux 4WD		Hilux 2WD			Hilux 4WD					
			× 1,000 km	1	7.5	15	22.5	30	37.5	45	52.5	60	67.5	75	82.5	90	Months	KDN145, 150		KDN165, 170		KUN15			KUN25	KUN25,2 6		
MAINTENANCE ITEMS			× 1,000 miles	1	4.5	9	13.5	18	22.5	27	31.5	36	40.5	45	49.5	54		01/08	03/07	01/08	03/07	05/07	06/07	08/08	05/07	06/07 08/08		
Front differential oil - separated from transmission Gear oil API: GL-5							R					R				R	Every 48 months					●	●				●	●
Rear differential oil Gear oil API: GL-5							R					R				R	Every 48 months	●	●			●	●	●	●		●	●
Wheel bearing grease (Tapered roller type wheel bearing only) and ball joint grease	Normal											R				R	Every 24 months	●	●					●	●			
	Severe					R						R				R	Every 12 months	●	●									
	Normal							R				R				R	Every 24 months					2	2					
	Severe					R				R		R			R	R	Every 12 months					2	2					
Front and rear suspension	Normal							I				I				I	Every 24 months	●	●			●	●	●	●	●	●	●
	Severe					I				I		I			I	I	Every 12 months	●	●			●	●	●	●	●	●	●
Bolts and nuts on chassis and body			Severe only				T		T		T	T		T	T	T	Every 12 months	●	●			●	●	●	●	●	●	●
Tires and inflation pressure							I		I		I	I		I	I	I	Every 12 months	●	●			●	●	●	●	●	●	●
Particle filter	High efficiency type	Normal						R				R				R	--							●			●	
		Dusty road						R		R		R	R		R	R	--							●			●	
Heater filter*1							I		I		I	I		I	I	I	Every 12 months							●				
Corrosion Inspection								I			I		I		I	I	Every 24 months	●	●			●	●	●	●	●	●	●

*1: customers have to inspect by themselves (not a dealer operation)

2: include thrust bush grease of drive shaft