

## PERIODIC INSPECTION AND MAINTENANCE SCHEDULE 18MY ZK 18.5 ZL Outlander.

For items which indicate both distance and time (in months), the inspection should be made at whichever (distance or time) comes first.

### Maintenance operation code

I : Inspection L : Lubrication R : Replace or change ● : Applicable None : Not applicable

Items			Service Intervals (Odometer reading or months, whichever occurs first)																																					
			Months												Odometer Reading																									
			12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
<b>OPERATIONS INSIDE THE ENGINE COMPARTMENT</b>																																								
Check drive belt for cracks, fraying, wear, and adjust its tension			I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I		
Check intake air hose and (turbocharger oil hose for damage, Diesel engine)			I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	
Replace spark plugs (Platinum-tipped or Iridium tipped type)			Petrol-engine		R : Every 90,000km																																			
Check valve clearance *1 (If noise increases, check valve clearance)			Petrol & Diesel engine		I*	I*	I	I*	I*	I*	I	I*	I*	I*	I	I*	I*	I*	I	I*	I*	I*	I	I*	I*	I*	I	I*	I*	I*	I	I*	I*	I*	I	I*	I*	I*	I	
			I : Every 60,000km																																					
Check radiator hoses for damage and proper connection			Petrol & Diesel engine			I			I			I			I			I			I			I			I			I			I			I			I	
Check engine coolant level in reservoir			Petrol & Diesel engine		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	
Replace engine coolant			Petrol & Diesel engine		R : First 195,000km or 10 years, thereafter every 120,000km or 6 years																																			
Check air cleaner element for clogging and damage			Normal usage		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	
					Severe usage		I : Every 7,500km or every 6 months																																	
Replace air cleaner element			Petrol & Diesel engine		Normal usage				R			R			R			R			R			R			R			R			R			R			R	
			Severe usage		R : More frequently																																			
Check fluid level in brake reservoir and clutch reservoir			Petrol & Diesel engine		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	
Replace brake fluid			Petrol & Diesel engine			R			R			R			R			R			R			R			R			R			R			R			R	
Check battery condition			Petrol & Diesel engine		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	
Replace fuel filter			Petrol-engine		R : Every 150,000km or every 10years																																			
			Diesel-engine			R			R			R			R			R			R			R			R			R			R			R			R	
<b>OPERATIONS UNDER THE VEHICLE</b>																																								
Check suspension system for damage and looseness			Petrol & Diesel engine		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
Check suspension arm ball joints for play, and dust covers for damage			Petrol & Diesel engine		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
Check driveshaft boots for damage			Normal usage		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	
					Severe usage		I : Every 7,500km																																	
Check steering linkage for damage and loose connections (including seals and boots)			Petrol & Diesel engine		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	
Check manual transmission for oil leakage (In case of leakage, check the oil level)			Petrol & Diesel engine		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
Check transfer for oil leaks (In case of leakage, check the oil level)			Petrol & Diesel engine		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
Replace gear oil in manual transmission			Petrol-engine		Normal usage		R : Every 195,000km																																	
			Severe usage		R : Every 90,000km																																			
Replace gear oil in transfer			FF-BASE 4WD		Normal usage		R : Every 75,000km																																	
			Severe usage		R : Every 30,000km																																			
Check front and rear differential for oil leakage (In case of leak, check the oil level)			Conventional differential		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	
Replace gear oil in front and rear differential			Conventional differential or VCU type LSD		Normal usage		R : Every 75,000km																																	
			Severe usage		R : Every 30,000km																																			
Check exhaust pipe connections for gas leakage, and check pipe installation			Petrol & Diesel engine			I			I			I			I			I			I			I			I			I			I			I			I	

**I : Inspection L : Lubrication R : Replace or change ● : Applicable None : Not applicable**

Items	Service Intervals (Odometer reading or months, whichever occurs first)																				
	Months	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240
	Odometer Reading × 1000 km	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270	285	300
<b>OPERATIONS INSIDE THE VEHICLE</b>																					
Check brake pedal and clutch pedal for free play		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
Check parking brake lever stroke and play		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
Replace air purifier filter		Normal usage	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
		Severe usage	R : More Frequently																		
<b>OPERATIONS OUTSIDE THE VEHICLE</b>																					
Check wheel alignment (Visual inspection for tyre wear)			I		I		I		I		I		I		I		I		I		I
Check front and rear wheel bearings for play					I				I				I				I				I
Check brake hoses and pipes for leakage		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
Check brake pads and discs for wear		Normal usage	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
		Severe usage	I : Every 7,500km or every 6 months																		
Check fuel hoses and pipes for leakage or deterioration			I		I		I		I		I		I		I		I		I		I
<b>OPERATIONS AFTER ENGINE IS WARMED UP</b>																					
Check fluid level in automatic transmission and CVT		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
Replace automatic transmission fluid and CVT fluid		Normal usage	R : Every 90,000km																		
		Severe usage	R : Every 45,000km																		
Replace engine oil (Refer owners manual of type)		Petrol & Diesel engine		Normal usage	R : Every 15,000km or every 12 months																
				Severe usage	R : Every 7,500km																
Replace engine oil filter		Petrol & Diesel engine		Normal usage	R : Every 15,000km or every 12 months																
				Severe usage	R : Every 7,500km																
Check engine idling speed		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
Check CO concentration (petrol-powered vehicles)		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
Check exhaust gas recirculation (EGR) system		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
Check body condition for damage		I : Every year																			
Check the common rail diesel engine (small injection quantity learning)		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
Road test		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I

NOTE:

\*1 : If found any noise from the valve any time, please check the valve clearance.

"Severe usage" specifications apply to only vehicles used under severe operating conditions.

Severe operating conditions include the following cases :

- (1) Driving in a dusty area or in an area in which the vehicle is likely to be exposed to salty air or brine.
- (2) Driving on rough roads, on submerged roads, or hilly areas.
- (3) Driving in cold zones.
- (4) Engine idling for a long time or short-distance travel during cold weather.
- (5) Frequent, sudden application of brakes.
- (6) Towing of a trailer.
- (7) Use as a taxi or as a rent-a-car.
- (8) More than 50% of operation time in heavy city traffic in hot temperatures of 32°C or higher.
- (9) More than 50% of operation time at speeds of 120km/h or higher in hot temperatures of 30°C or higher.
- (10) Operation under excessive load.