



Periodic Maintenance Service Guide for XPANDER CROSS

The table below indicates the type of service classification that will be done on your vehicle at certain kilometer readings.

Legend: I = Inspect and check
R = Replace
L = Lubricate

	Maintenance Interval											
	Perform at kilometers (miles) intervals or months interval, whichever comes first											
	Kms. (x1000)	Months	Kms. (x1000)	Months	Kms. (x1000)	Months	Kms. (x1000)	Months	Kms. (x1000)	Months	Kms. (x1000)	Months
	1	1 mo.	5	4 mos.	10	8 mos.	15	12 mos.	30	24 mos.	45	36 mos.
			25	20 mos.	20	16 mos.	75	60 mos.	60	48 mos.	90	72 mos.
			35	28 mos.	40	32 mos.	105	84 mos.	120	96 mos.	135	108 mos.
			55	44 mos.	50	40 mos.	165	168 mos.	150	120 mos.	180	144 mos.
			65	52 mos.	70	56 mos.						
			85	68 mos.	80	64 mos.						
			95	76 mos.	100	80 mos.						
			115	92 mos.	110	88 mos.						
			125	100 mos.	130	104 mos.						
			145	116 mos.	140	112 mos.						
			155	124 mos.	160	128 mos.						
			175	140 mos.	170	136 mos.						
Operations inside the vehicle												
Maintenance Interval												
Inspect all lights operation (headlamps, reverse, turn signal, hazard, brake lamps and interior)												
Inspect horn, side mirror function and AC switches												
Inspect AC cooling and performance												
Inspect brake pedal and clutch pedal for freeplay including parking brake lever stroke												
Inspect windshield washer spray, wiper operation and wiper blade condition												
Inspect Engine idling speed												
AC cabin filter: *If equipped, check and clean AC cabin filter *If not equipped, recommend conventional evaporator cleaning												
Replace AC cabin filter (Start from 20,000 km)									R		R	R
For Gasoline, replace fuel filter												R
Reset PMS reminder indicator in instrument panel									R		R	R
Operations inside engine compartment												
Maintenance Interval												
Check battery fluid level and health using Midtronics (Perform out-of-vehicle inspection)												
Inspect all fluid levels (Brake/clutch, Steering, Engine oil & Coolant)												
Inspect drive belt condition (visual and touch inspection)												
Inspect vacuum pump, Intake air hose, turbocharger and radiator hose / clamps condition and connection (visual and touch inspection; *replace if needed)												
Inspect condition of valve clearance (sound check); except for vehicles with auto-lash adjusters. (If need to open, change gasket rocker cover)												
Perform emission test and DC motor sound check (EGR cleaning for additional job based from result of inspection)												
Inspect operation of Positive Crankcase Ventilation and EGR system												
Inspect operation of blow-by gas reduction device and catalytic converter												
Inspect brake master cylinder and brake hose (Overhaul if any damage is found)												
Change coolant for 3A9, 4A9, 4B11, and 4N1 engines. *For others/cast iron type engines, change every 30,000 km or every 24 mos.												R
Inspect air cleaner element (engine air filter) for clogging and damage (Starting from 20,000 km)												
Replace timing belt including timing belt B and water pump assy (except for models with timing chain)												
Replace spark plugs *Standard type: Every 15,000 kms or every 12 mos. *Iridium-tipped: Every 100,000 kms or every 80 mos.												
For Diesel, replace fuel filter												R
Replace radiator cap												R
Operations under the vehicle												
Maintenance Interval												
Inspect driveshaft boots condition												
Inspect exhaust pipe connections for gas leakage and pipe installation												
Inspect engine, transmission, transfer, front and rear differential, and axle housing for oil leaks (in case of leakage, inspect oil level)												
Inspect steering linkage for damage and loose connections (including seals and boots)												
Inspect suspension system, ball joints and dust covers for damage, loosenes and play (lubricate grease fittings if applicable)												
Inspect and lubricate propeller shaft with grease fitting (universal joints and sliding sleeve)												
Change gear oil in M/T, transfer, front and rear differential												R
Operations outside the vehicle												
Maintenance Interval												
Inspect tire condition (pressure, presence of foreign objects, wear and depth).												
Inspect front and rear wheel bearings for play *Repack bearings (if applicable)												
Inspect brake pads and discs for wear *Replace if any damage is found												
Inspect brake shoe linings and drums (drum-in-disc) for wear *Replace if any damage is found												
Adjust clearance of brake shoe linings (for vehicles with electric parking brake/ equipped with rear drum brake)												
Rotate tires. Calibrate TPMS if equipped (follow rotation pattern).												
Inspect wheel alignment (visual inspection thru tire thread wear). Starting from 10,000 km (align if necessary)												
Overhaul brake caliper kit (for disc brakes) and overhaul rear brake caliper/wheel cylinder (Starting from 35,000 Km).												
Operations after engine is warmed up												
Maintenance Interval												
Change AT and CVT fluids for V8AW, V5AW, R8AW, R5AW, F4AW, and CVT trans *Every 30,000 kms or 24 mos. for other types												R
Replace engine oil *Fully synthetic												R
Replace engine oil *Mineral oil												R
Replace engine oil filter (Same w/ engine oil change interval)												R
Others												
Maintenance Interval												
Perform SIQL (Small Injection Quantity Learning) for common rail engine												
Check body condition for damage (Annual Anti-rust inspection)												
Road Test (upon request of customer only)												

*Subject to change without prior notice