

# MMAL PERIODIC INSPECTION AND MAINTENANCE SCHEDULE 17 MY NX PAJERO

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		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 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							
Check vacuum pump oil hose for damage (diesel - powered vehicles)			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 (vehicles with turbocharger)				I		I		I		I		I		I		I		I		I		I								
Check valve clearance *1			Diesel engine		*I	I	*I	I	*I	I	*I	I	*I	I	*I	I	*I	I	*I	I	*I	I	*I							
			*: (If valve noise increases, check valve clearance. [except Actual inspection timing])																											
Check radiator hoses for damage and proper connection				I		I		I		I		I		I		I		I		I		I								
Check engine coolant level in reservoir			I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I							
Replace engine coolant			Diesel engine				R			R			R			R			R			R								
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							
			Severe usage		I : Every 7,500km or every 6 months																									
Replace air cleaner element			Normal usage				R			R			R			R			R			R								
			Severe usage		R : More frequently																									
Check fluid level in brake reservoir and clutch reservoir			I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I							
Replace brake fluid				R		R		R		R		R		R		R		R		R		R								
Check battery condition			I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I							
Replace fuel filter			Diesel-engine			R		R		R		R		R		R		R		R		R								
<b>OPERATIONS UNDER THE VEHICLE</b>																														
Check suspension system for damage and looseness			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			I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I							
Lubricate suspension arm, steering linkage and propeller shaft with grease fitting				L		L		L		L		L		L		L		L		L		L								
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							
			Severe usage		I : Every 7,500km																									
Check steering linkage for damage and loose connections (including seals and boots)			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 leakage (In case of leakage, check the oil level)			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 transfer			FR-BASE 4WD		Normal usage		R : Every 90,000km																							
					Severe usage		R : Every 30,000km																							
Check front and rear differential for oil leakage (In case of leakage, check the oil level)			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				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	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	I				
Replace air purifier filter			R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R				
<b>OPERATIONS OUTSIDE THE VEHICLE</b>																											
Check wheel alignment (Visual inspection of tyre wear)			I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I				
Check front and rear wheel bearings for play						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	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	I				
			Severe usage	I : Every 7,500km or every 6 months																							
Check brake shoe linings and drums (drum in disc) for wear			Normal usage	I			I			I			I			I			I			I					
			Severe usage	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I			
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 automatic transmission for fluid leakage (In case of leakage, check the fluid level)			I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I				
Replace automatic transmission fluid			Normal usage	R :Every 195,000km																							
			Severe usage	R :Every 90,000km																							
Replace engine oil			Diesel engine	Normal usage R : Every 15,000km or every 12 months																							
				Severe usage R : Every 7,500km																							
Replace engine oil filter			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 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	I				
<b>OTHERS</b>																											
Check body condition for damage			I : Every year																								
Check the common rail 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	I				
Road test			I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I				

NOTE: \*1 : If any noise found from the valves any time, please check 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.