

700P Maintenance Plan

In order to maintain safe and economical driving, routine periodic inspection and maintenance should be carried out in accordance with the recommended items in this chapter. To guarantee your vehicle's optimal performance, safety, and longevity, we strongly recommend utilizing our Leading Global Automobiles Authorized Workshops for all repair and maintenance needs. Our expert technicians possess specialized knowledge and utilize genuine parts and approved lubricants, ensuring the highest quality service. Please be aware that servicing your vehicle outside of our authorized network may invalidate your vehicle's warranty.

Maintenance schedule

In order to ensure the safety and economy of driving, Leading Global automobiles service station shall be entrusted to carry out regular inspection and maintenance according to the maintenance schedule.

Maintenance operation

I: Inspect, clean, repair or replace as necessary

A: Adjust

R: Replace

T: Tighten according to the specified torque

L: Lubricate

Driving in harsh conditions requires more frequent maintenance. Refer to “Periodic Maintenance Schedule under Severe Driving Conditions”.

Maintenance Schedule

I: Inspect, clean, repair or replace A: Adjust R: Replace T: Tighten according to specified torque L: Lubricate
 According to odometer reading or month count (Whichever comes first).

Maintenance Interval: x1,000 km	1	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	Maintenance period or number of months
Engine																						
*Engine Oil		R		R		R		R		R		R		R		R		R		R		Every 3 months
*Oil filter		R		R		R		R		R		R		R		R		R		R		Every 3 months
Fuel filter		I		R		I		R		I		R		I		R		I		R		Every 6 months
*Air filter		I		R		I		R		I		R		I		R		I		R		Every 6 months
Idle and acceleration functions				I				I				I				I				I		Every 12 months
Valve clearance		I						A								A						Every 24 months
Looseness and damage of fuel tank cap and fuel pipe joint								I								I						Every 24 months
Tension and damage to the fan belt	I	I	I		I		I		I		I		I		I		I		I		I	Every 6 months
Radiator coolant								R								R						Every 24 months
* Looseness and damage of the ex-haust pipe and its mounting parts				I				I				I				I				I		Every 12 months
Cooling system				I				I				I				I				I		Every 12 months
Engine working condition	I	I	I		I		I		I		I		I		I		I		I		I	Every 6 months
Inspection of wiring harnesses and clips condition around post-treatment	I	I	I		I		I		I		I		I		I		I		I		I	Every 6 months

Maintenance Schedule

I: Inspect, clean, repair or replace A: Adjust R: Replace T: Tighten according to specified torque L: Lubricate
 According to odometer reading or month count (Whichever comes first).

Maintenance Interval: x1,000 km	1	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	Maintenance period or number of months
Clutch																						
Clutch		I		I		I		I		I		I		I		I		I		I		Every 6 months
Clutch pedal free stoke and travel		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	Every 3 months
Transmission																						
Transmission oil		I		I		I		R		I		I		I		R		I		I		Every 24 months
Looseness of gear control mechanism								I								I						Every 24 months
Selecting and shifting cables				A				A				A				A				A		Every 12 months
Transmission shaft																						
*Universal joint and sliding spline				L				L				L				L				L		Every 12 months
Looseness of connecting parts		I		I		I		I		I		I		I		I		I		I		Every 6 months
Spline wear								I					I							I		Every 24 months
Looseness of bearings and related parts								I					I							I		Every 24 months
Intermediate bearing				L				L				L				L				L		Every 12 months

Maintenance Schedule

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 According to odometer reading or month count (Whichever comes first).

Maintenance Interval: x1,000 km	1	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	Maintenance period or number of months
Rear axle																						
*Rear axle gear oil		I		I		I		R		I		I		I		R		I		I		Every 24 months
Front axle																						
*Lubrication of the kingpin		L		L		L		L		L		L		L		L		L		L		Every 6 months
Braking system																						
* Wear and damage of shoes		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	Every 3 months
* Wear and damage of brake drum		I		I		I		I		I		I		I		I		I		I		Every 6 months
Leakage and looseness of brake pipe	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	Every 3 months
Wear and lubrication of camshaft		I		I		I		I		I		I		I		I		I		I		Every 6 months
Working condition of braking system	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	Every 3 months
Formation and free stroke of brake pedal		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	Every 3 months
Electric installation																						
Battery electrolyte level		I		I		I		I		I		I		I		I		I		I		Every 3 months

Maintenance Schedule

I: Inspect, clean, repair or replace **A:** Adjust **R:** Replace **T:** Tighten according to specified torque **L:** Lubricate
 According to odometer reading or month count (Whichever comes first).

Maintenance Interval: x1,000 km	1	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	Maintenance period or number of months
DPF																						
Check the DPF exhaust pressure or clean the filter																					R	Every 12 months
Rubber hose of DPF differential pressure sensor									R								R					Every 12 months
Others																						
Light, horn and windshield		I		I		I		I		I		I		I		I		I		I		Every 6 months
Wipers and scrubbers		I		I		I		I		I		I		I		I		I		I		Every 6 months
Looseness of connection parts of bolts and nuts	I							I								I						Every 12 months
Leakage and looseness of shock absorber		I		I		I		I		I		I		I		I		I		I		Every 3 months
Connection of frame and truck bed	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	Every 12 months
Steering system																						
Oil leakage in steering system		I		I		I		I		I		I		I		I		I		I		Every 6 months
Power steering fluid								R								R						Every 24 months
Looseness and damage of the steering system		I		I		I		I		I		I		I		I		I		I		Every 6 months

Maintenance Schedule

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 According to odometer reading or month count (Whichever comes first).

Maintenance Interval: x1,000 km	1	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	Maintenance period or number of months
Clearance between steering knuckle and front axle		I		I		I		I		I		I		I		I		I		I		Every 6 months
* Looseness and damage of the steering mechanism								I								I						Every 24 months
Steering wheel play		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	Every 3 months
Steering function		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	Every 3 months
Wheel alignment								A								A						Every 24 months
Steering hose				I				I				I				R				I		Every 12 months
Suspension mechanism																						
Wear of leaf springs		I		I		I		I		I		I		I		I		I		I		Every 6 months
Wheel																						
Loosening of wheel bolts and nuts		T		T		T		T		T		T		T		T		T		T		Every 3 months
Damage to the rim	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	Every 12 months
Hub bearing lubrication and loose condition				R				R				R				R				R		Every 12 months
Tire pressure and damage		I		I		I		I		I		I		I		I		I		I		Every 6 months

Regular maintenance schedule under severe driving conditions

A: Frequent short trips

B: Driving on rough roads

C: Driving on dusty roads

D: Driving on roads in cold weather or salt

Item	Period	Condition						
		A	B	C	D	E	A + D	A + B + D
Engine oil	Replace every 5000 km			•			•	
Oil filter	Replace every 5000 km			•			•	
Air filter element	Replace every 10000 km			•				
Exhaust pipe and its mounting parts	Inspect every 10000 km	•	•		•			•
Transmission oil and rear axle oil	Replace every 20000 km		•					•
Grease for universal joints and splines	Replace every 10000 km		•					•
Looseness and damage to the steering system	Inspect every 5000 km			•	•			
Lubrication of the kingpin	Inspect every 5000 km		•	•	•			•
Wear of brakes	Inspect every 3000 km	•	•	•		•	•	•

Recommended Grades of Lubricants and Oil

Position	Recommended Grades
Engine oil	Grade API CJ-4, SAE 10W-40
Rear axle gear oil	API GL-5, SAE 80W-90 or 85W-140 (Based on ambient temperature)
Transmission gear oil	API GL-5, SAE 85W-90 or 85W-140 (Based on ambient temperature)
Power steering oil	Automatic transmission fluid Dexron-II E
Clutch oil	SAEJ 1703, FMVSS 116 DOT.4
Engine coolant	Antifreeze (ethylene glycol based)
Hub bearing	Wheel bearing grease or multipurpose grease NLGI 2 or 3
Transmission system grease nipples	Greases containing molybdenum disulfide
Other grease nipples	Multipurpose grease NLGI 2 or 3
Urea for vehicle	GB29518, ISO 22241, AUS32

API: American Petroleum Institute
 FMVSS: Federal Motor Vehicle Safety Standards

SAE: Society of Automotive Engineers
 NLGI: National Lubrication Grease Institute

JIS: Japanese Industrial Standards