

OWNER

Name	
ID number	
Address	
Zip code	
Phone	
E-mail	

VEHICLE

Brand	
Model	
Engine NO.	
VIN NO.	
Type	
MFG	
Date	
Mileage	
Displacement	

DEALER

Company	
Address	
Zip code	
Phone	
E-mail	

ITEM	ROUTINE	Whichever Comes first ⇒	INITIAL			EVERY		
			month	1	3	6	6	12
			Km	320	1,200	2,400	2,400	4,800
			(mi)	200	750	1,500	1,500	3,000
hours	20	75	150	150	300			
Valves*	<ul style="list-style-type: none"> ● Check valve clearance. ● Adjust if necessary. 		○		○	○	○	
Cooling system	<ul style="list-style-type: none"> ● Check coolant leakage. ● Repair if necessary. ● Replace coolant every 24 months. 		○	○	○	○	○	
Spark plug	<ul style="list-style-type: none"> ● Check condition. ● Adjust gap and clean. ● Replacement every 24 months 		○	○	○	○	○	
Air filter elements	<ul style="list-style-type: none"> ● Clean. ● Replacement every 24 months 	Every 20-40 hours (More often in wet or dusty areas.)						
Crankcase breather system*	<ul style="list-style-type: none"> ● Check breather hose for cracks or damage. ● Replace if necessary. 				○	○	○	
Exhaust system*	<ul style="list-style-type: none"> ● Check for leakage. ● Tighten if necessary. ● Replace gasket(s) if necessary. 				○	○	○	
Fuel line*	<ul style="list-style-type: none"> ● Check fuel hose for cracks or damage. ● Replacement fuel hose every 48 months ● Replacement fuel filter every 24 months 				○	○	○	
Engine oil	<ul style="list-style-type: none"> ● Replace (Check oil level every month) . 		○		○	○	○	
Engine oil filter	<ul style="list-style-type: none"> ● Replace. 		○		○		○	
Differential and gearbox oil	<ul style="list-style-type: none"> ● Check oil level/oil leakage. ● Replacement every 24 months. 		○				○	
Brake*	<ul style="list-style-type: none"> ● Check operation/brake pad wear/fluid leakage. ● Brake fluid needs to be above the lowest position. ● Correct if necessary. Replace pads/disk if worn to the limit. 		○	○	○	○	○	

ITEM	ROUTINE	Whichever Comes first ⇒		INITIAL			EVERY	
			month	1	3	6	6	12
			Km (mi)	320	1,200	2,400	2,400	4,800
			hours	200	750	1,500	1,500	3,000
Throttle lever*	● Check operation and free play.		○	○	○	○	○	
Wheels*	● Check balance/damage/ run out ● Repair if necessary.		○		○	○	○	
Wheel bearings*	● Check bearing assemblies looseness or damage ● Replace if damaged.		○		○	○	○	
Front and rear Suspension*	● Check operation and for leakage. ● Correct if necessary.				○		○	
Steering system*	● Check operation and for looseness ● Replace if damage. ● Check toe-in/Adjust if necessary.		○	○	○	○	○	
Rear knuckle pivots and suspension arms*	● Lubricate with lithium-soap-based grease.				○	○	○	
Drive shaft universal joint*	● Lubricate with lithium-soap-based grease.				○	○	○	
Engine mounting*	● Check for cracks or damage. ● Correct bolt tightness.				○	○	○	
Front and rear axle	● Check operation. ● Replace if damage.		○				○	
Stabilizer bushings*	● Check for cracks or damage.				○	○	○	
Fittings and fasteners*	● Check all chassis fittings and fasteners. ● Correct if necessary.		○	○	○	○	○	
Battery	● Check and clean end connection		○		○	○	○	
Light and turn signal	● Operation		○	○	○	○	○	

Maintaining

Maintain 1

Y / N

Engine oil / filter

Inspection

Maintaining

Maintain 2

Y / N

Engine oil / filter

Inspection

Additional:

Y / N

Braking

Spark plug

Air filter elements

Cooling system

Leaks

Additional:

Y / N

Braking

Spark plug

Air filter elements

Cooling system

Leaks

Mileage:

Time:

Next Maintain:

Signature

Mileage:

Time:

Next Maintain:

Signature

Maintaining

Maintain 3

Y / N

Engine oil / filter

Inspection

Maintaining

Maintain 4

Y / N

Engine oil / filter

Inspection

Additional:

Y / N

Braking

Spark plug

Air filter elements

Cooling system

Leaks

Additional:

Y / N

Braking

Spark plug

Air filter elements

Cooling system

Leaks

Mileage:

Time:

Next Maintain:

Signature

Mileage:

Time:

Next Maintain:

Signature

Maintaining

Maintain 5

Y / N

Engine oil / filter

Inspection

Maintaining

Maintain 6

Y / N

Engine oil / filter

Inspection

Additional:

Y / N

Braking

Spark plug

Air filter elements

Cooling system

Leaks

Additional:

Y / N

Braking

Spark plug

Air filter elements

Cooling system

Leaks

Mileage:

Time:

Next Maintain:

Signature

Mileage:

Time:

Next Maintain:

Signature

Maintaining

Maintain 7

Y / N

Engine oil / filter

Inspection

Maintaining

Maintain 8

Y / N

Engine oil / filter

Inspection

Additional:

Y / N

Braking

Spark plug

Air filter elements

Cooling system

Leaks

Additional:

Y / N

Braking

Spark plug

Air filter elements

Cooling system

Leaks

Mileage:

Time:

Next Maintain:

Signature

Mileage:

Time:

Next Maintain:

Signature

Maintaining

Maintain 9

Y / N

Engine oil / filter

Inspection

Maintaining

Maintain 10

Y / N

Engine oil / filter

Inspection

Additional:

Y / N

Braking

Spark plug

Air filter elements

Cooling system

Leaks

Additional:

Y / N

Braking

Spark plug

Air filter elements

Cooling system

Leaks

Mileage:

Time:

Next Maintain:

Signature

Mileage:

Time:

Next Maintain:

Signature

Maintaining

Maintain 11

Y / N

Engine oil / filter

Inspection

Additional:

Y / N

Braking

Spark plug

Air filter elements

Cooling system

Leaks

Mileage:

Time:

Next Maintain:

Signature

Maintaining

Maintain 12

Y / N

Engine oil / filter

Inspection

Additional:

Y / N

Braking

Spark plug

Air filter elements

Cooling system

Leaks

Mileage:

Time:

Next Maintain:

Signature

Maintaining

Maintain 13

Y / N

Engine oil / filter

Inspection

Additional:

Y / N

Braking

Spark plug

Air filter elements

Cooling system

Leaks

Mileage:

Time:

Next Maintain:

Signature

Maintaining

Maintain 14

Y / N

Engine oil / filter

Inspection

Additional:

Y / N

Braking

Spark plug

Air filter elements

Cooling system

Leaks

Mileage:

Time:

Next Maintain:

Signature

Maintaining

Maintain 15

Y / N

Engine oil / filter

Inspection

Additional:

Y / N

Braking

Spark plug

Air filter elements

Cooling system

Leaks

Mileage:

Time:

Next Maintain:

Signature

Maintaining

Maintain 16

Y / N

Engine oil / filter

Inspection

Additional:

Y / N

Braking

Spark plug

Air filter elements

Cooling system

Leaks

Mileage:

Time:

Next Maintain:

Signature

Maintaining

Maintain 17

Y / N

Engine oil / filter

Inspection

Additional:

Y / N

Braking

Spark plug

Air filter elements

Cooling system

Leaks

Mileage:

Time:

Next Maintain:

Signature

Maintaining

Maintain 18

Y / N

Engine oil / filter

Inspection

Additional:

Y / N

Braking

Spark plug

Air filter elements

Cooling system

Leaks

Mileage:

Time:

Next Maintain:

Signature

Maintaining

Maintain 19

Y / N

Engine oil / filter

Inspection

Additional:

Y / N

Braking

Spark plug

Air filter elements

Cooling system

Leaks

Mileage:

Time:

Next Maintain:

Signature

Maintaining

Maintain 20

Y / N

Engine oil / filter

Inspection

Additional:

Y / N

Braking

Spark plug

Air filter elements

Cooling system

Leaks

Mileage:

Time:

Next Maintain:

Signature

SPECIFICATIONS

Item		Parameter	
Dimensions		Long	Short
Overall length		2462mm	2302mm
Overall width		1229mm	1229mm
Overall height		1458mm	1458mm
Wheelbase		1508mm	1348mm
Ground clearance		283mm	283mm
Engine			
Type	650cc	Two-cylinder, 4-stroke,SOHC, water cooling	
	800cc	Two-cylinder, 4-stroke,SOHC, water cooling	
	1000cc	Two-cylinder, 4-stroke,SOHC, water cooling	
Number of valves		8 (mechanical adjustment)	
Cylinder diameter	650cc	82mm	
	800cc	91 mm	
	1000cc	91 mm	
Piston stroke	650cc	61.5 mm	
	800cc	61.5 mm	
	1000cc	75mm	
Compression ratio	650cc	10.3: 1	
	800cc	10.3: 1	
	1000cc	10.5: 1	
Displacement	650cc	649cc	
	800cc	800cc	
	1000cc	976cc	
Maximum power	650cc	39.5kw/6300rpm	
	800cc	44Kw/6000rpm	
	1000cc	63.7kw/6500rpm	
Maximum torque	650cc	62N.m/5300rpm	
	800cc	73N.m/5000 rpm	
	1000cc	101N.m/5500rpm	

Idle speed	650cc		1250rpm
	800cc		1250rpm
	1000cc		1250rpm
Lubrication	Type		Wet tank lubrication, oil filters can be changed
	Oil pressure		0.18-0.3MPa at 1250rpm
	Type of oil		SAE10W-40 SJ
	Oil quantity		2200mL
	Replacement of capacity		1850mL
Fuel	Type		Unleaded gasoline only 92# or higher
	Fuel pressure		350 KPa
	Fuel tank capacity		22L
Valve clearance	Intake		0.05 to 0.09mm
	Exhaust		0.10 to 0.15mm
Spark plug	Type/manufacturer		DCPR8E / NGK
	Gap		0.7 to 0.9mm
Transmission type			CVT(Continuously Variable Transmission)
Continuously variable ratio			0.71 to 3.1
Drive belt width	Service limit		30.00mm
Gearbox type			Dual range(H/L) with park, neutral and reverse
Gearbox oil	Capacity	650cc	420mL(GL-4-90)
		800cc	420mL(GL-4-90)
		1000cc	450mL(GL-4-90)
Gear ratio	H	650cc	2.886
		800cc	2.886
		1000cc	3.36
	L	650cc	5.292
		800cc	5.292
		1000cc	5.84
	R	650cc	5.087
		800cc	5.087
		1000cc	7.15
Capacity of cooling liquid	Type		Ethyl glycol/water mix(-35°C)
	Maximum load		3700ml
	Capacity of water tank		500ml

Cooling liquid temperature thermostat	Valve opening	65°C
	Fan opening	88°C
Tire		
Type	Tubeless	
Pressure	97 to 110KPa	
Size Front	AT26×9–14(Rim 12×7)	
Size Rear	AT26×11–14(Rim 12×9)	
Brake		
System	Front and rear unified	
Type Front	Dual disc brake	
Type Rear	Dual disc brake	
Operation	Foot/hand operation	
Suspension and shock absorber		
Front suspension	Double wishbone	
Rear suspension	Trailing arm Independent (TT) with external stabilizer bar	
Front shock absorber	Coil spring / oil damper	
Front shock absorber travel	128mm	
Rear shock absorber	Coil spring / oil damper	
Rear shock absorber travel	140mm	
Drive train		
Front differential	Shaft driven/single auto-lock differential	
Front differential ratio	3.67:1	
Rear axle	Shaft driven/single differential	
Rear axle ratio	3.67:1	
Front differential oil capacity	180mL(GL-4-90)	
Rear differential oil capacity	220mL(GL-4-90)	
Electrical		
Ignition system	EFI-DELPHI	
Battery	Type	Maintenance Free
	Voltage	12V
	capacity	20AH