

MAINTAINANCE

MA

MAINTENANCE REQUIREMENTSMA-2
MAINTENANCE SCHEDULE.....MA-3

MA-2

1 MAINTENANCE REQUIREMENTS

1. The scheduled maintenance service is important to ensure trouble-free, safe and economical driving. Failure to perform the scheduled maintenance may cause an accident or serious damage.
2. If you conduct the periodical maintenance, Daihatsu car owners may reduce the chance of accidents or car problems. Furthermore, it becomes possible for you to find at an earlier stage malfunctions which may lead to serious damages. Consequently, potential vehicle damage can be prevented or the degree of the damage can be minimized.
3. Therefore, all of the persons who are concerned with servicing the Daihatsu vehicles should offer the periodical maintenance service to Daihatsu car owners in order that they may be protected from accidents or unexpected problems.
4. To prevent malfunctions in advance, however, conducting the periodical maintenance service only is insufficient. It is essential that owners themselves perform maintenance, such as the pre-starting check described in the owner's manual, so that the vehicle exhibits no abnormal change or phenomenon. Hence, please explain to owners about the necessity of maintenance performed by them.
5. However, malfunction may occur on those vehicles which are always checked by their owners. For instance, if a part instructed to be replaced periodically should be used beyond the replacement intervals and the life of the part has expired, there are cases where malfunction occurs suddenly despite the fact that no malfunction had taken place until yesterday. To prevent such malfunction in advance, be sure to replace parts recommended to be replaced periodically at the specified replacement intervals.
6. This section describes those items of the scheduled maintenance service recommended by the Daihatsu and their intervals. Be sure to observe the maintenance schedule.

MA-MR-Z-Z-00001

2 MAINTENANCE SCHEDULE

NOTE

- Perform the periodical maintenance at the specified mileage or the time whichever comes first, unless otherwise specified.

1. Continue to perform the periodical maintenance after 100,000 km (60,000 miles) at the same intervals as before 100,000 km.

If the vehicle should be operated under severe driving conditions, operated occasionally, operated in dusty areas, repeating short trip, operated under extremely cold climate and/or on salted roads, it is necessary to perform some maintenance items more frequently than the regular maintenance schedule.

This maintenance schedule has been prepared based on requirements mentioned in the owner's manual which are to be performed by the Daihatsu owner thoroughly.

○.....Check or inspect ●.....Change or replace

Section	Item	What to do Inspection interval	× 1000 km	20	40	60	80	100	Refer to page* ² (section)
			× 1000 miles	12	24	36	48	60	
			Years	1	2	3	4	5	
Engine	Air cleaner element	Cleaning Check ● Damage		○	●	○	●	○	-
	Valve clearance	Check & adjust			○		○		(EM)
	Engine oil & oil filter	EJ Change (Use API: SH or higher grade)	Every 15,000 km *(9,000 miles*)						(LU)
		K3 Change (Use API: SH or higher grade)							
	Fuel line & connections	Check ● Crack ● Tightness ● Leakage ● Damage	Every 40,000 km (24,000 miles)					BBE-86	
	Coolant (Long life coolant)	Change	Every two years					(CO)	
	Drive belt (Alternator, water pump, power steering)	Check ● Tension ● Crack ● Damage	○	○	○	○	○	○	SR-43 (CH)
	Timing belt * ¹	Change	Every 100,000 km (60,000 miles)					(EM)	
	Spark plug	Clean & check ● Condition ● Gap ● Damage	○	○	○	○	○	○	(IG)
Ignition timing	Check	○	○	○	○	○	○	(IG)	
Exhaust emission control system	Blow-by gas recirculation hose (Positive crank case ventilation hose)	Check ● Connection ● Damage			○		○		(EC)
	Chacoal canister	Check ● Function ● Damage			○		○		(EC)
	Evaporative emission hoses	Change	Every eight years					(EC)	
	Exhaust pipe & muffler mounting	Check ● Tightness ● Damage	○	○	○	○	○	○	BBE-88

* Replace every 12,000 km (7,200 miles) when API SG multi grade oil is use.

*¹Type EJ engine (1,000 cc) mounted vehicle.

*² Please refer to respective sections of the engine service manual for EJ engine or K3 engine,
if the section denotes with () mark.

MA-4

○...Check or inspect ●...Change or replace

Section	Item	What to do Inspection interval	× 1000 km	20	40	60	80	100	Refer to page (section)
			× 1000 miles	12	24	36	48	60	
			Years	1	2	3	4	5	
Power transmitting system	Clutch	Check ● Free travel ● Reserve travel ● Damage		○	○	○	○	○	CL-2 CL-3
	Manual transmission oil	Change			●		●		MT-2
	Automatic transmission fluid	Change	Every 80,000 km (48,000 miles)						AT-2
	Automatic transmission Oil cooler hose	Check ● Crack, scratch, cut, twist and swelling	Every 40,000 km (24,000 miles)						AT-23
	Transfer	Change ● Oil			●		●		TF-2
	Differential (Rear)	Change ● Oil			●		●		DF-2
	Propeller shaft	Check ● Tightness ● Rattle ● Damage		○	○	○	○	○	DPS-26
	Drive shaft boots	Check ● Damage		○	○	○	○	○	DPS-5
Suspension system	Shock absorber	Check ● Function ● Oil leakage (Shock absorber) ● Damage		○	○	○	○	○	FS-15 RS-23
	Suspension arm (Front) Control arm (Rear) Dust boots Spring Stabilizer	Check ● Tightness ● Damage ● Rattle			○		○		FS-9 RS-2
	Wheel bearing	Check ● Tightness ● Damage			○		○		FS-9 RS-4
Steering system	Steering linkage, gear box	Check ● Free play (Steering wheel) ● Tightness ● Rattle ● Damage		○	○	○	○	○	SR-5 SR-11
	Wheel alignment	Check ● Toe-in			○		○		FS-2
	Fluid hose	Check ● Crack, scratch, cut, twist and swelling	Every 4 years						SR-11 SR-40

○...Check or inspect ●...Change or replace

Section	Item	What to do Inspection interval	× 1000 km	20	40	60	80	100	Refer to page (section)
			× 1000 miles	12	24	36	48	60	
			Years	1	2	3	4	5	
Brake system	Brake pedal & parking brake	Check ● Free play (Brake pedal) ● Reserve travel (Brake pedal) ● Working travel (Parking brake) ● Tightness ● Rattle ● Damage	○	○	○	○	○	○	BR-3 BR-4
	Disc & disc pad	Check ● Wear ● Damage	○	○	○	○	○	○	BR-5
	Brake hose, tube and P & B valve	Check ● Leakage (Fluid level, connection) ● Loose clamp ● Damage	○	○	○	○	○	○	BR-42
	Brake fluid	Change	Every 2 years						BR-2
	Brake drum, lining	Check ● Wear ● Damage	○	○	○	○	○	○	BR-5 BR-26
	Brake booster vacuum hose	Check	Every 4 years						BR-13
	Master & wheel cylinder	Check ● Leakage	Every 2 years						BR-8
Chassis & body	Wheel hub nut, other bolts & nuts	Check ● Tightness	○	○	○	○	○	○	BR-23

2. SEVERE DRIVING CONDITION

○...Check or inspect ●...Change or replace

Section	Item	What to do Inspection interval	× 1000 km	10	20	30	40	50	60	70	80	90	100	Refer to page (section)
			× 1000 miles	6	12	18	24	30	36	42	48	54	60	
			Years	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5	
Engine	Engine oil & oil filter	Change	Every 5,000 km (3,000 miles)											(LU)
	Air cleaner element	Check & clean ● Damage Change	Check and clean: Every 5,000 km (3,000 miles) Replace: Every 20,000 km (12,000 miles)											
Exhaust emission control system	Exhaust pipe and mounting	Check ● Tightness ● Damage	○	○	○	○	○	○	○	○	○	○	○	BBE-88
Power transmitting system	Manual transmission fluid	Change	Every 25,000 km (15,000 miles)											MT-2
	Automatic transmission fluid	Change	Every 50,000 km (30,000 miles)											AT-2
	Transfer	Change ● Fluid	Every 25,000 km (15,000 miles)											TF-2
	Differential (Rear)	Change ● Fluid	Every 25,000 km (15,000 miles)											DF-2
Steering system	Steering linkage	Check ● Tightness ● Damage	○	○	○	○	○	○	○	○	○	○	○	SR-5 SR-11
Brake system	Disc & disc pad	Check ● Wear ● Damage	○	○	○	○	○	○	○	○	○	○	○	BR-5
	Brake drum & lining	Check ● Wear ● Damage	○	○	○	○	○	○	○	○	○	○	○	BR-5 BR-26

Severe driving conditions

- 1: Pulling a trailer 2: Repeated short trips 3: Driving on rough roads
4: Driving dusty roads 5: Driving in extremely cold climate and/or on salted roads