

SECTION 0A

GENERAL INFORMATION

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VEHICLE SPECIFICATIONS

Item	Standard	Item	Standard
1. Dimension		5. Ignition system	
Over-all length (mm)	3,340	Valve, Intake	Open — 12°(BTDC) Close — 36°(ABDC)
Over-all width (mm)	1,400	Exhaust	Open — 46°(BBDC) Close — 10°(ATDC)
Over-all height (mm)	1,395	Valve clearance, Cold (mm)	Intake 0.15±0.02 Exhaust 0.20±0.02
Wheel base (mm)	2,335	Hot (mm)	Intake 0.25±0.02 Exhaust 0.30±0.02
Tread, Front (mm)	1,220		
Rear (mm)	1,200		
Minimum ground clearance (mm)	160		
2. Weight		6. Fuel system	
Vehicle weight (kg)	620	Carburetor	2 Barrel down draft
Gross vehicle weight (kg)	895	Fuel pump	Diaphragm type
3. Performance		Fuel filter	Filter element
Maximum speed (km/h)	143	Capacity of fuel tank (l)	30
Gradability (tan θ)	0.382	7. Lubrication system	
Minimum turning radius, Left (mm)	4.3	Type of lubrication	Splash and force-feed
Right (mm)	4.4	Oil pump	Trochoid pump type
4. Engine		Oil filter	Filter element
Engine type	F8C, lead gasoline	Capacity of oil (l) (Inc. Oil Filter)	2.5 (2.7)
Bore × Stroke (mm)	68.5 × 72.0	8. Cooling system	
No. of Cylinder	3 Cylinders	Type of cooling system	Coolant
Piston displacement (cc)	796	Water pump	Axial flow
Compression ratio	9.3	Thermostat	Wax pallet
Maximum power (ps/rpm)	41/5,500	Capacity of coolant (l)	4
Maximum torque (kg · m/rpm)	6.0/2,500		
Type of ignition system	Full transistor		
Ignition timing (°/rpm)	BTDC, 8°/950rpm		
Firing order	1 — 3 — 2		
Type of ignition plug	RNIIYC		

Item	Standard		Item	Standard
9. Transmission	4 speed	5 speed	14. Suspension System	
1st	3.818	3.818	Front	Macpherson strut
2nd	2.210	2.210	Rear	Isolated trailing link, torsion beam
3rd	1.423	1.423	Shock absorber	Gas type
4th	0.971	0.971	Spring	Coil spring
5th		0.837	Stabilizer, Front	Torsion bar
Rear	3.583	3.583	Rear	Lateral rod
10. Clutch			15. Electrical system	
Type of clutch	Dry, single plate diaphragm		Battery (V- AH)	12 — 28
Facing dimension (mm)	170 × 110 × 3.2		Alternator (V-A)	12 — 50
11. Brake			Starting motor	Magnetic shift
Front	Disc		Starting motor power (kW)	0.8
Rear	Drum		16. Tire	
12. Axle			Front	135 SR 12 (155/70 R 12)
Type of front axle	Ball joint type		Rear	135 SR 12 (155/70 R 12)
Type of rear axle	Integral axle type			
13. Steering system				
Type of steering	Rack & Pinion			
Steering angle, Inner (°)	42°			
Outer (°)	35°			
Steering wheel diameter(mm)	365			
Toe-in (mm)	1 ± 2			
Camber (°)	30'±1			
Caster (°)	3°35'±1°			
Kingpin angle (°)	12.5°			

IDENTIFICATION OF VEHICLE

Chassis Number

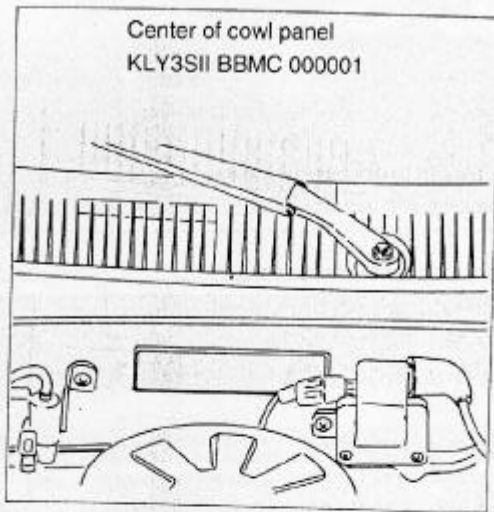


FIG. 0A - 1

ID Plate

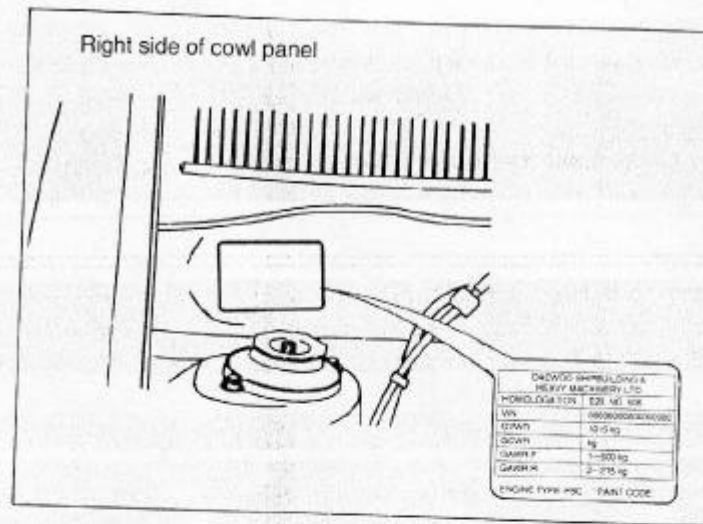


FIG. 0A - 2

Identification number of engine is at the following location.

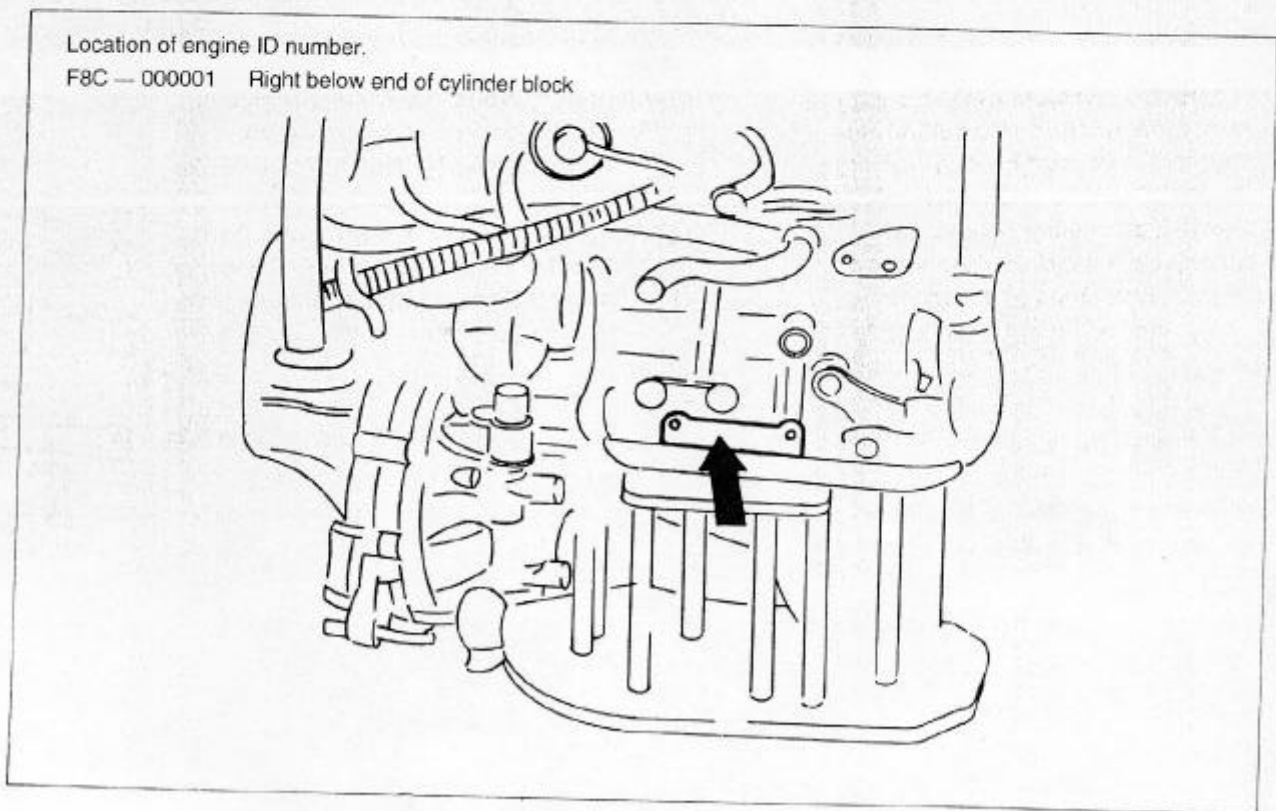


FIG. 0A - 3 LOCATION OF ENGINE ID NUMBER

Metric Fasteners

Most of the fasteners used for this vehicle are metric. When replacing any fasteners, it is most important that replacement fasteners be the correct diameter, thread pitch and strength.

Fastener strength Identification

Most commonly used metric fastener strength property classes are 4T, 7T and radial line with the class identification embossed on the head of each bolt. Some metric nuts will be marked with punch mark strength identification on the nut face. Fig. 0A — 5 shows the different strength markings.

When replacing metric fasteners, be careful to use bolts and nuts of the same strength or greater than the original fasteners (the same number marking or higher). It is likewise important to select replacement fasteners of the correct size.

With some special exception the pitch of common sized one is as shown in the right table.

CAUTION

The standard fasteners adopted in this vehicle are bottle necked up to nominal diameter M8, and narrow necked from M10 and more.

In the table, the relation between nominal size and pitch is classified into the bottle necked and narrow necked. Upon replacing the fastener, its pitch should be confirmed even though it is the same kind of metric fastener.

Metric Bottle Necked Fastener

Nominal Size	Pitch (mm)
M1.6	0.35
M2	0.4
M2.2	0.45
M2.5	0.45
M3×0.5	0.45
M3.5	0.6
M4×0.7	0.7
M4.5	0.75
M5×0.8	0.8
M6	1
M7	1
M8	1.25
M10	1.5
M12	1.75
M14	2
M16	2
M18	2.5
M20	2.5
M22	2.5
M24	3
M27	3
M30	3.5
M33	3.5
M36	4
M39	4

Metric Narrow Necked Fastener

Nominal Size	Pitch (mm)
M8 × 1	1
M10 × 1.25	1.25
M12 × 1.25	1.25
M14 × 1.5	1.5
M16 × 1.5	1.5
M18 × 1.5	1.5
M20 × 1.5	1.5
M22 × 1.5	1.5
M24 × 2	2
M27 × 2	2
M30 × 2	2
M33 × 2	2
M36 × 3	2
M39 × 3	2