

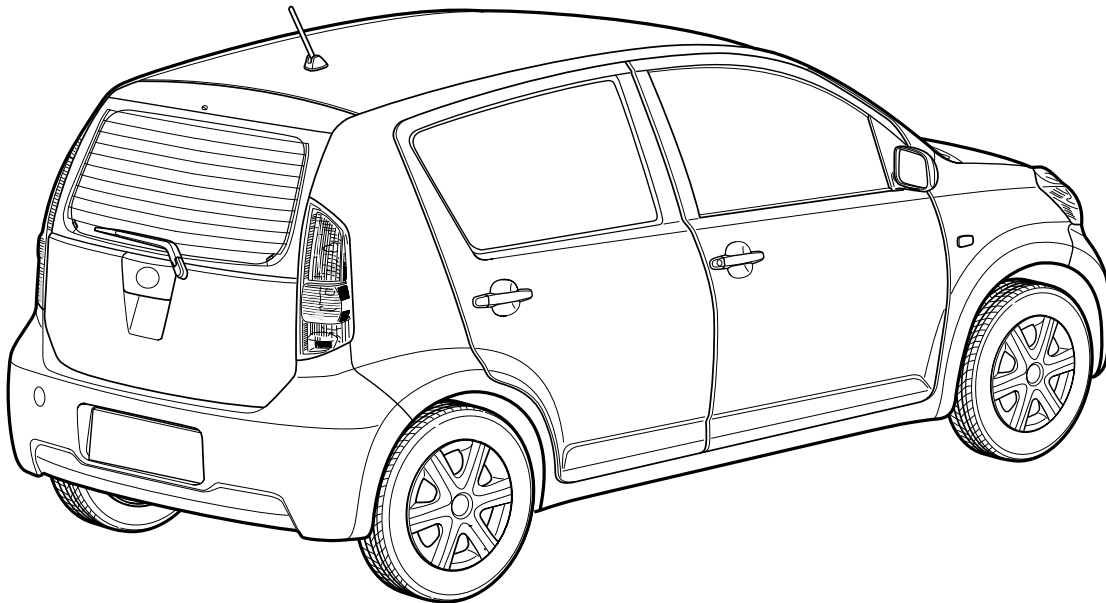
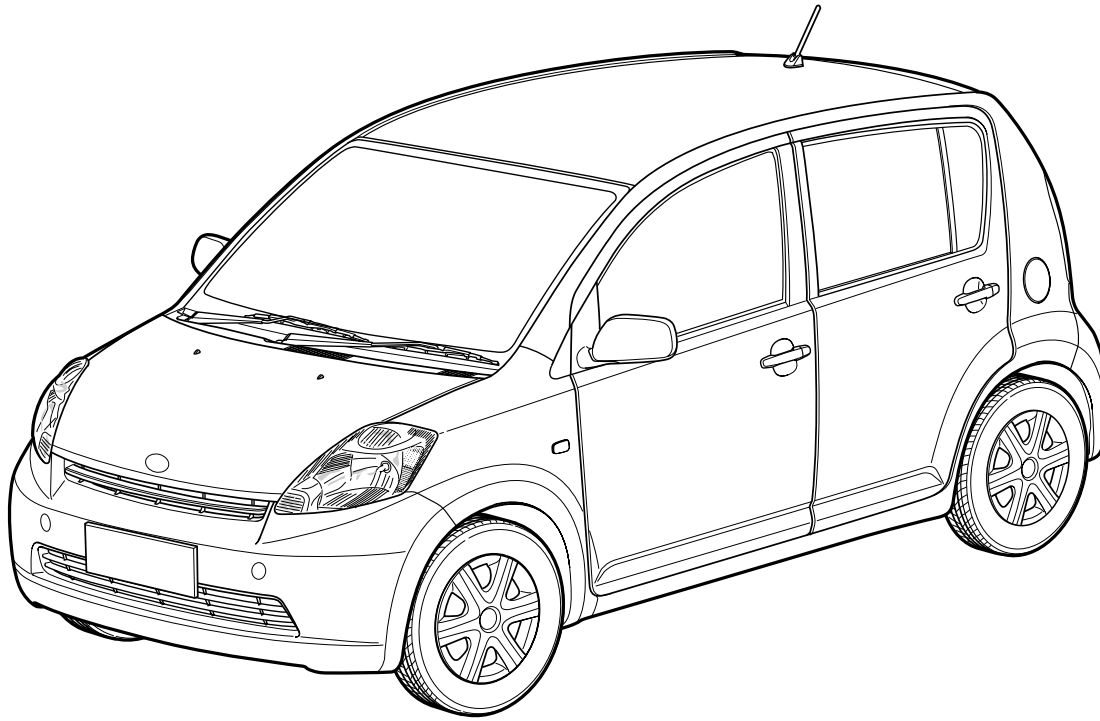
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1 EXTERIOR, MODEL VARIATION, VEHICLE MODEL CODE

1-1 EXTERIOR



T11S1501S40

1-2 MODEL VARIATION

1-2-1 GENERAL SPECIFICATIONS

Model code	Steering position	Engine	Drive	Transmission	Body type
M300RS – GMNE	RHD	1KR – FE	2WD	5M/T	5 – door
M301RS – GMGE	RHD	K3 – VE	2WD	5M/T	5 – door
M301RS – GQGE	RHD	K3 – VE	2WD	Electronic control 4A/T	5 – door
M300LS – GMNE	LHD	1KR – FE	2WD	5M/T	5 – door
M301LS – GMGE	LHD	K3 – VE	2WD	5M/T	5 – door
M301LS – GQGE	LHD	K3 – VE	2WD	Electronic control 4A/T	5 – door

1-2-2 EU SPECIFICATIONS

Model code	Steering position	Engine	Drive	Transmission	Body type
M300RS – GMNEW	RHD	1KR – FE	2WD	5M/T	5 – door
M301RS – GMGEW	RHD	K3 – VE	2WD	5M/T	5 – door
M301RS – GQGEW	RHD	K3 – VE	2WD	Electronic control 4A/T	5 – door
M300LS – GMNEW	LHD	1KR – FE	2WD	5M/T	5 – door
M301LS – GMGEW	LHD	K3 – VE	2WD	5M/T	5 – door
M301LS – GQGEW	LHD	K3 – VE	2WD	Electronic control 4A/T	5 – door

1-3 EXPLANATION OF VEHICLE MODEL CODE

M 3 0 0 R S – G M N E W
 ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

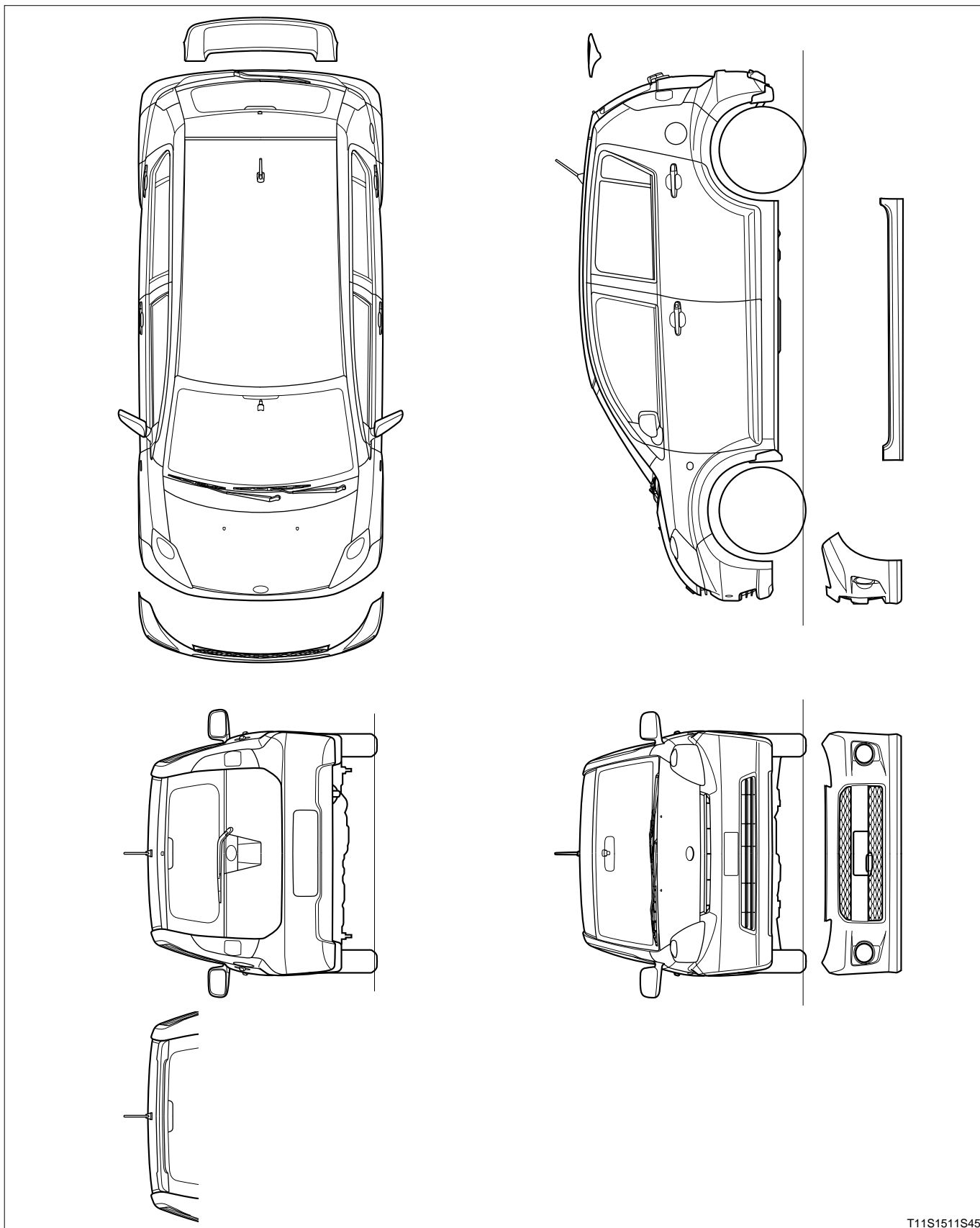
① Model M3 : SIRION	② Drive 0 : 2WD
③ Engine 0 : 1KR – FE 1 : K3 – VE	④ Steering L : LHD R : RHD
⑤ Body type S : Sedan	⑥ Door G : 5 – door
⑦ Transmission M : 5M/T Q : Electronic control 4A/T	⑧ Grade N : STD(1.0L) G : STD(1.3L)
⑨ Fuel system E : DOHC	⑩ Market None : General W : EU / AUS

A1-3

2 SPECIFICATIONS

			M300LS/M300RS		M301LS/M301RS				
			GMNE	GMNEW	GMGE	GQGE	GMGEW	GQGEW	
Engine			1KR-FE		K3-VE				
Market			General	EU, AUS	General	General	EU, AUS	EU, AUS	
Drive			5M/T	5M/T	5M/T	E4A/T	5M/T	E4A/T	
Overall length		mm	3600						
	With Aero Bumper	mm	-		3630				
Overall width		mm	1665						
Overall height		mm	1550						
Interior length		mm	1830						
Interior width		mm	1400						
Interior height		mm	1275						
Wheelbase		mm	2430						
Tread	13 " tire	Front	mm	1470		-			
		Rear	mm	1475		-			
	14 " tire	Front	mm	1460					
		Rear	mm	1465					
Minimum road clearance		mm	150						
Min Turning Radius	13 " tire	m	4.3 (Tire), 4.7 (Body)		-				
	14 " tire	m	4.7 (Tire), 5.1 (Body)						
Kerb weight		kg	875	890	925	940	955		
Gross vehicle weight	General, EU	kg	1380		1390		1450		
	AUS	kg	-		-		1380		
Seating capacity		persons	Front : 2, Rear : 3						
Engine type			1KR-FE		K3-VE				
Total displacement		cc	998		1298				
Bore X stroke		mm	71.0 X 84.0		72.00 X 79.70				
Max. output		kw/rpm	51.0/6000		64.0/6000				
Max. Torque		Nm/rpm	94.0/3600		120.0/3200				
Compression ratio			10.5±0.3		10±0.3				
Fuel system			EFI (Electronic fuel injection)						
Fuel tank capacity		Litres	40						
Clutch	5M/T		Dry single plate with diaphragm spring and mechanical actuation						
	4A/T		3-element, 1-stage, 2-phase						
Transmission	5M/T		Forward 5-speed, manual, all synchromesh						
	4A/T		Forward 4-speed full automatic						
Transmission gear ratio	1KR-FE	5M/T	1st:3.182, 2nd:1.842, 3rd:1.250, 4th:0.917, 5th:0.750, rev:3.143						
		5M/T	1st:3.182, 2nd:1.842, 3rd:1.250, 4th:0.865, 5th:0.750, rev:3.143						
	4A/T	1st:2.731, 2nd:1.526, 3rd:1.00, 4th:0.696, rev:2.290							
Final reduction gear ratio	1KR-FE	5M/T	4.500						
	K3-VE	5M/T	4.267						
		4A/T	4.032						
Steering type			Rack&Pinion						
Main brakes	Front		Disk brakes with booster						
	Rear		Drum brakes, leading and trailing						
Parking brake			Mechanically operating on rear wheels						
Suspension	Front		MacPherson struts with coil springs						
	Rear		Semi-independent torsion axle beam with coil springs						
Tires	13 " tire		155/80R13		-				
	14 " tire		175/65R14						
Trailer towing	without brake	kg	350						
	with brake	kg	750		1000				
Permissible roof rack load		kg	50						

3 VIEWS OF VEHICLE



5 ABBREVIATION CODES

ABBREVIATION CODE	ORIGINAL WORD	ABBREVIATION CODE	ORIGINAL WORD
2WD	Two Wheel Drive	LHD	Left Hand Drive
4WD	Four Wheel Drive	LIN	Local Interconnect Network
ABS	Anti-lock Brake System	LSPV	Load Sensing Proportioning Valve
ABV	Air Bypass Valve	LWR	Lower
A/C	Air Conditioner	MIL	Malfunction Indicator Lamp
ACC	Accessory	MP	Multipurpose
API	American Petroleum Institute	M/T	Manual Transmission
A/T	Automatic Transmission	N/A	Natural Aspiration
ATDC	After Top Dead Center	NOx	Nitrogen Oxides
ATF	Automatic Transmission Fluid	OPT	Option
Ay	Assembly	O/S	Over Size
BDC	Bottom Dead Center	PCV	Positive Crankcase Ventilation
BTDC	Before Top Dead Center	PR	Ply Rating
BVSV	Bimetal Vacuum Switching Valve	PTO	Power Take Off
CAN	Controller Area Network	RH	Right Hand
CD	Compact Disc	RHD	Right Hand Drive
CO	Carbon Monoxide	RR	Rear
DLC	Data Link Connector	S/A	Sub-Assembly
DLI	Distributor Less Ignition	SAE	Society of Automotive Engineers
DTC	Diagnostic Trouble Code	SRS	Supplemental Restraint System
DVVT	Dynamic Variable Valve Timing	SST	Special Service Tool
EBD	Electronic Brake force Distribution	STD	Standard
ECU	Electronic Control Unit	SW	Switch
EFI	Electronic Fuel Injection	T	Torque
EGR	Exhaust Gas Recirculation System	T/C	Turbocharger
EPS	Electronic controlled Power Steering	TDC	Top Dead Center
ESA	Electronic Spark Advance	UPR	Upper
EX	Exhaust	U/S	Under Size
F/L	Fusible Link	VCV	Vacuum Control Valve
FR	Front	VSV	Vacuum Switching Valve
GND	Ground	VTV	Vacuum Transmitting Valve
HC	Hydro Carbon	W/	With
IG	Ignition	WVTA	Whole Vehicle Type Approval
IN	Intake	ⓑ	Bolt
ISC	Idle Speed Control	Ⓢ	Screw
ISO	International Organization for Standardization	Ⓝ	Nut
LCD	Liquid Crystal Display	Ⓦ	Washer
LED	Light Emitting Diode	©	Clip
LH	Left Hand		