

MANUFACTURERS MOTOR VEHICLE SPECIFICATIONS

METRIC (U.S. Customary)

2001

Manufacturer TOYOTA MOTOR CORPORATION	Vehicle Line TOYOTA MR 2	
Mailing Address Toyota Motor Sales, U.S.A., Inc. 19001 S. Western Avenue P.O. Box 2991 Torrance, California 90509-2991	Issued Aug., 2000	Revised

Direct questions concerning these specifications to the manufacturer listed above.

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The General Specifications herein are those in effect at date of compilation and are subject to change without notice or incurring obligation by the manufacturer.



Motor Vehicle Manufacturers Association
of the United States, Inc.

Forms Provided by Technical Affairs Division

MVMA Specifications

METRIC (U.S. Customary)

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NOTE:

1. This form uses both SI metric units and U.S. Customary units. The metric unit of measure is presented first, and the U.S. Customary unit follows in parentheses.
2. UNLESS OTHERWISE INDICATED:
 - a. Specifications apply to standard models without optical equipment. Significant deviations are noted.
 - b. Normal design dimensions are used throughout these specifications.
 - c. All linear dimensions are in millimeters (inches), and all mass (weight) specifications are in kilograms (pounds).
3. The General Specifications herein are those in effect at date of compilation and are subject to change without notice or incurring obligation by the manufacturer.
Additional Vehicle Dimensions (based in part on SAE J1100 "Motor Vehicle Dimensions") may be available from the manufacturer.

MVMA Specifications

Vehicle Line TOYOTA MR 2
Model Year 2001 Issued Aug., 2000 Revised()

METRIC (U.S. Customary)

Vehicle Origin

Design & development (company)	TOYOTA MOTOR CORPORATION
Where built (country)	JAPAN
Authorized U.S. sales marketing representative	Toyota Motor Sales, U.S.A., Inc.

Vehicle Models

Model Description & Drive (FWD / RWD / AWD / 4WD) *	Introduction Date	Make, Vehicle Models, Series, Body Type (Mfr's Model Code)	No. of Designated Seating Positions (Front / Rear)	Max. Trunk / Cargo Load - Kilograms (Pounds)	EPA Fuel Economy (City / Hwy)
1ZZ-FE, 2-dr., 5 Speed M/T, Convertible, RWD		ZZW30L-AKMQHA	2 / N.A.	55	
1ZZ-FE, 2-dr., 5 Speed Sequential M/T, Convertible, RWD		ZZW30L-AKGQHA	2 / N.A.	55	

* FWD - Front Wheel Drive RWD - Rear Wheel Drive AWD - All Wheel Drive 4WD - Four Wheel Drive

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Vehicle Line	TOYOTA MR 2		
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SAE J1349 Net bhp(break horsepower) and Net Torque corrected to 77°F/ 25°C and 29.61 in. Hg/100 kPa atmospheric pressure.

			A	B	C	D
E N G I N E	Engine Code		1ZZ-FE	←		
	Displacement Liters (in³)		1.794 (109.5)	←		
	Induction system (FI, Carb, etc.)		EFI	←		
	Compression ratio		10.0	←		
	SAE Net at RPM	Power kW (bhp)	138 / @6400	←		
		Torque N · m (lb. ft.)	125 / @4400	←		
Exhaust single, dual		Semi-dual	←			
T R A N S	Transmission / Transaxle		5 Speed M/T	5 Speed Sequential M/T		
	Effective Final Drive/ Axle Ratio (std. first)		4.312	←		

[illegible]

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Engine Description
 Engine Code

1ZZ-FE

ENGINE - GENERAL

Type & description (inline, V, angle, flat, location, front, rear, transverse, longitudinal, sohc, dohc, ohv, hemi, wedge, pre-chamber, etc.)	Inline, Mid / Transverse, DOHC, pentroof
Manufacturer	TOYOTA MOTOR
No. of cylinders	
Bore	φ 79.0
Stroke	91.5
Bore spacing (C/L to C/L)	87.5
Cylinder block material & mass kg(lbs.)(machined)	Aluminum alloy, 25.5
Cylinder block deck height	222.42
Cylinder block length	399.6
Deck clearance (minimum) (above or below block)	Above 2.4
Cylinder head material & mass kg(lbs.)	Aluminum alloy, 10.3
Cylinder head volume cm³ (inches³)	3814.8
Cylinder liner material	Cast iron
Head gasket thickness (compressed)	0.58
Minimum combustion chamber total volume cm³ (inches³)	49.8
Cyl. no. system (front to rear)*	L. Bank R. Bank
Firing order	1 - 2 - 3 - 4
Intake manifold material & mass kg(lbs.)**	1 - 3 - 4 - 2
Exhaust manifold material & mass kg(lbs.)**	Resin & 2.6
Knock sensor (number & location)	SUS & 5.6
Fuel required unleaded, diesel, etc.	1 & Cylinder block
Octane antiknock index (R + M) ÷ 2	Unleaded
Quantity	87
Material and type (elastomeric, hydroelastic, hydraulic damper, etc.)	4
Added isolation (sub-frame, crossmember, etc.)	Hydroelastic x 1, Elastomeric x 3
Total dressed engine mass(wt) dry***	Sub-frame
	ZZW30L-AKMQHA= 107, ZZW30L-AKGQHA= 108.5

Engine - Pistons

Material & mass, g(weight, oz.)-piston only	Aluminum alloy, 263
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Engine - Camshaft

Location	Cylinder head
Material & mass kg (weight, lbs.)	Cast iron, IN= 1.6 / EX= 1.5
Drive type	Chain / belt
	Width / pitch
	Chain
	12.5 / 8

* Rear of engine - drive takeoff. View from drive take off end to determine left & right side of engine.

** Finished state.

*** Dressed engine mass (weight) includes the following:

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Engine - Valve System

Hydraulic lifters (std., opt., n.a.)		N.A.
Valves	Number intake / exhaust	2 / 2
	Head O.D. intake / exhaust	φ 32 / φ 27.5

Engine - Connecting Rods

Material & mass kg., (weight,lbs.)*	Steel, 0.47
Length (axes C/L to C/L)	146.7

Engine - Crankshaft

Material & mass kg., (weight,lbs.)*	Steel, 14	
End thrust taken by bearing (no.)	No.3	
Length & number of main bearings	461, 5	
Seal (material,one,two piece design,etc.)	Front	Synthetic rubber / One piece
	Rear	Synthetic rubber / One piece

Engine - Lubrication System

Normal oil pressure kPa (psi) at engine rpm	290 / @5200
Type oil intake (floating, stationary)	Stationary
Oil filter system (full flow,part,other)	Full flow
Capacity of c/case, less filter-refill-L(qt.)	3.5

Engine - Diesel Information

N.A.

Diesel engine manufacturer		
Glow plug, current drain at 0°F		
Injector nozzle	Type	
	Opening pressure kPa (psi)	
Pre-chamber design		
Fuel injection pump	Manufacturer	
	Type	
Fuel injection pump drive (belt, chain, gear)		
Supplementary vacuum source (type)		
Fuel heater (yes/no)		
Water separator, description (std., opt.)		
Turbo manufacturer		
Oil cooler-type (oil to engine coolant;oil to ambient air)		
Oil filter		

Engine - Intake System

N.A.

Turbo charger - manufacturer		
Super charger - manufacturer		
Intercooler		

* Finished State

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Engine Description
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1ZZ-FE

Engine - Cooling System

Coolant recovery system (std., opt., n.a.)	Std.
Coolant fill location (rad., bottle)	Reservoir tank
Radiator cap relief valve pressure kPa (psi)	110
Circulation thermostat	By-pass
Type (choke, bypass)	By-pass
Starts to open at ° C(° F)	82
Water pump	Centrifugal
Type (centrifugal, other)	Centrifugal
GPM 1000 pump rpm	15
Number of pumps	1
Drive (V-belt, other)	V-ribbed belt
Bearing type	Double row ball bearing
Impeller material	SUS
Housing material	Aluminum
By-pass recirculation type (inter., ext.)	Internal
Cooling system capacity	10.4
With heater - L(qt.)	10.4
With air conditioner - L(qt.)	10.4
Opt. equipment specify - L(qt.)	N.A.
Water jackets full length of cyl.(yes, no)	No
Water all around cylinder (yes, no)	No
Water jackets open at head face (yes, no)	Yes
Radiator core	Std.
Std., A/C, HD	Std.
Type (cross-flow, etc.)	Cross-flow
Construction (fin & tube, mechanical, braze, etc.)	Corrugated fin
Material, mass kg(wgt., lbs.)	Aluminum, 2.0
Width	649
Height	325
Thickness	16
Fins per inch	Pitch= 2.25mm
Radiator end tank material	FRP (PA66 with glass fiber)
Fan	Std., elec., opt.
Std., elec., opt.	Std., electric
Number of blades & type (flex, solid, material)	5 & 7, flex, plastics
Number & location (front, rear of radiator)	2, rear of radiator
Diameter & projected width	280/37 & 300/28
Ratio (fan to crankshaft rev.)	N.A.
Fan cutout type	Temperature controlled
Drive type (direct, remote)	Electric motor
RPM at idle (elec.)	1160 / 2140
Motor rating (wattage/elec.)	80 + 80
Motor switch (type & location/elec.)	Thermistor at water outlet
Switch point (temp., /pressure/elec.)	96
Fan shroud (material)	FRP (PP with glass fiber)

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Engine - Fuel System (See supplemental page for details of Fuel Injection, Supercharger, Turbocharger, etc. if used)

Induction type: Carburetor, fuel injection system, etc.		Fuel injection
Manufacturer		DENSO
Carburetor no. of barrels		N.A.
Idle A/F mix.		Not adjustable
Fuel injection	Point of injection (no.)	4
	Constant, pulse, flow	Pulse flow
	Control (electronic, mech.)	Electronic
	System pressure kPa(psi)	324
Idle spd.-rpm(spec. neutral or drive and propane if used)	Manual	700
	Automatic	N.A.
Intake manifold heat control (exhaust or water thermostatic or fixed)		N.A.
Air cleaner type		Paper element type
Fuel filter (type/location)		Paper element one piece type / In tank
Fuel pump	Type (elec. or mech.)	Electric
	Location (eng., tank)	In tank
	Pressure range kPa(psi)	441~637
	Flow rate at regulated pressure L(gal)/hr @kPa(psi)	Min.80/@250

Fuel Tank

Capacity refill L (gallons)		48
Location (describe)		Under the floor of the rear of the seat
Attachment		Bolts
Material & Mass kg (weight lbs.)		Steel & 9
Filler pipe	Location & material	Left quarter panel
	Connection to tank	Rubber hose
Fuel line (material)		Steel, nylon
Fuel hose (material)		Rubber
Return line (material)		N.A.
Vapor line (material)		Nylon
Extended range tank	Opt., n.a.	N.A.
	Capacity L (gallons)	N.A.
	Location & material	N.A.
	Attachment	N.A.
Auxiliary tank	Opt., n.a.	N.A.
	Capacity L (gallons)	N.A.
	Location & material	N.A.
	Attachment	N.A.
	Selector switch or valve	N.A.
	Separate fill	N.A.

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Vehicle Emission Control

Exhaust Emission Control	Type(air injection, engine modifications, other)		EFI, H-O ₂ S, H-S-O ₂ S, Start cat, Main (at, L)	
	Air injection	Pump or pulse	N.A.	
		Driven by	N.A.	
		Air distribution (head, manifold, etc.)	N.A.	
		Point of entry	N.A.	
	Exhaust Gas recirculation	Type (controlled flow, open orifice, other)	N.A.	
		Exhaust source	N.A.	
		Point of exhaust injection (spacer, carburetor, manifold, other)	N.A.	
	Catalytic Converter	Type	TWC	TWC
		Number of	2	1
		Location(s)	Maniiverter	Under floor
		Volume L(in ³)	0.478 x 2	1.306
		Substrate type	Ceramic monolith	Ceramic monolith
		Noble metal type	Pt, Rh	Pt, Rh
		Noble metal concentration(g/cm ³)	Pt= 0.717, Rh= 0.191	Pt= 1.76, Rh= 0.327
Crank- case Emission Control	Type (ventilates to atmosphere, induction system, other)		Induction system close type	
	Energy source (manifold vacuum, carburetor, other)		Manifold vacuum	
	Discharges to (intake manifold, other)		To intake manifold	
	Air inlet (breather cap, other)		Throttle body	
Evaporative Emission Control	Vapor vented to (crankcase, canister, other)	Fuel tank	Canister	
		Carburetor	—	
Electro- nic system	Vapor storage provision		Charcoal	
	Closed loop (yes/no)		Yes	
	Open loop (yes/no)		No	

Engine - Exhaust System

Type (single, single with cross-over, dual, other)		Single
Muffler no. & type(reverse flow, straight thru, separate resonator) Material & Mass kg (weight lbs.)		1, reverse flow, Stainless steel, 9.7
Resonator no. & type		0
Exhaust pipe	Branch o.d.,wall thickness	48.6, t= 1.5 / 42.7, t= 1.5
	Main o.d.,wall thickness	54.0, t= 1.2 / 60.5, t= 1.5 / 54.0, t= 1.5
	Material & Mass kg (weight lbs.)	Stainless steel, 7.5 w/ TWC
Inter- mediate pipe	o.d. & wall thickness	—
	Material & Mass kg (weight lbs.)	—
Tail pipe	o.d. & wall thickness	54.0, t= 1.2
	Material & Mass kg (weight lbs.)	Stainless steel, 12.6

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ZZW30L-AKMQHA	ZZW30L-AKGQHA

Transmissions/Transaxle(Std., Opt., N.A.)

Manual 4-speed (manufacturer/country)	—
Manual 5-speed (manufacturer/country)	TOYOTA MOTOR
Manual 6-speed (manufacturer/country)	—
Automatic (manufacturer/country)	—
Automatic overdrive (manufacturer/country)	—

Manual Transmission/Transaxle

Number of forward speeds		5
Gear ratios	1st	3.166
	2nd	1.904
	3rd	1.392
	4th	1.031
	5th	0.815
	6th	—
	Reverse	3.250
Synchronous meshing (specify gears)		All forward speeds
Shift lever location		Floor
Trans.case mat'l. & mass kg(lbs)*		Aluminum die cast, Std.: 37.8 (dry), 39.2 (wet), Opt.(for LSD): 39.0 (dry), 40.7 (wet)
Lubricant	Capacity L(pt.)	1.9
	Type recommended	API GL-4 or GL-5
		Aluminum die cast, Std.: 36.0 (dry), 37.0 (wet), Opt.(for LSD): 36.0 (dry), 38.2 (wet)
		Std.= 1.9 Opt. (for LSD)= 1.8

Clutch(Manual Transmission)

Clutch manufacturer		AISIN SEIKI
Clutch type (dry, wet;single, multiple disc)		Dry, single, diaphragm
Linkage (hydraulic, cable, rod, lever, other)		Hydraulic
Max.pedal effort (nom. spring load) N (lbs)	Depressed	100
	Released	1340
Assist (spring, power/percent, nominal)		—
Type pressure plate springs		Diaphragm spring
Total spring load (nominal) N (lbs)		4900
Clutch facing	Facing mfr. & material coding	AISIN CHEMICAL
	Facing material & construction	Resin mould
	Rivets per facing	16
	Outside x inside dia.(nominal)	212 x 140
	Total eff. area cm ² (in. ²)	199
	Thickness (pressure plate side/fly wheel side)	3.5 / 3.5
	Rivet depth (pressure plate side/fly wheel side)	1.6 / 1.6
Engagement cushion method		Wave spring segments
Release bearing type & method lub.		Self-centering ball bearing with permanent lubrication
Torsional damping method, springs, hysteresis		Single-stage torsional springs with friction washer

* Includes shift linkage, lubricant, and clutch housing. If other specify.

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Automatic Transmission/Transaxle

N.A.

Trade name		
Type and special features (describe)		
Shift mechanics		
Gear selector	Location (column, floor, other)	
	Ltr./No. designation (e.g. PRND21)	
	Shift interlock(yes, no, describe)	
Gear ratios	1st	
	2nd	
	3rd	
	4th	
	Reverse	
	Final drive ratio	
Max. upshift vehicle speed-drive range km/h (mph)		
Max. upshift engine speed RPM		
Max. kickdown speed-drive range km/h (mph)		
Min. overdrive speed km/h (mph)		
Torque converter	Type	
	Torus design	
	Number of elements	
	Max. ratio at stall	
	Type of cooling (air, liquid)	
	Nominal diameter	
	Capacity factor *k**	
Pump type		
Lubricant	Capacity refill L(pt.)	
	Type recommended	
Oil cooler (std., opt., N.A., internal,external,air,liquid)		
Transmission mass kg(lbs) & case material**		

All Wheel/4 Wheel Drive

N.A.

Description & type(part-time, full-time, 2/4 shift while moving, mechanical, elect.,chain/gear,etc.)		
Transfer case	Manufacturer and model	
	Type and location	
Low-range gear ratio		
System disconnect (describe)		
Center differential	Type (bevel, planetary, w or w/o viscous bias, torsen, etc.)	
	Torque split (% front/rear)	

* In put speed ÷ $\sqrt{\text{torque}}$

** Dry weight including torque converter. If other, specify.

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Engine Description
 Engine Code

1ZZ-FE	
ZZW30L-AKMQHA	ZZW30L-AKGQHA

Axle Ratio and Tooth Combinations (See 'Power Teams' for axle ratio usage)

Effective final drive ratio (or overall top gear ratio)		4.312
Transfer ratio and method (chain, gear, etc.)		
Front drive unit	Ring gear o.d.	
	No. of teeth	16
	Pinion	69

Front Drive Unit

Description (integral to trans., etc.)		Integral to trans.
Limited slip differential (type)		N.A. Gear
Drive pinion	Type	Helical
	Offset	—
No. of differential pinions		2 8
Pinion / differential	Adjustment (shim, etc.)	
	Bearing adjustment	
Driving wheel bearing (type)		Double row angular contact ball bearing
Lubricant	Capacity L(pt.)	1.9 Std.= 1.9, Opt.(for LSD)= 1.8
	Type recommended	API GL-3

Axle Shafts - Front Wheel Drive

Manufacturer and number used			TOYOTA MOTOR, 2
Type (straight, solid bar, tubular, etc.)		Left	Solid
		Right	Solid
Outer diam. x length* x wall thickness	Manual transaxle	Left	22.8 x 380.0
		Right	24.5 x 340.1
	Automatic transaxle	Left	N.A.
		Right	N.A.
	Optional transaxle	Left	N.A.
		Right	N.A.
Slip yoke	Type		N.A.
	Number of teeth		N.A.
	Spline o.d.		N.A.
Universal joints	Make and mfg. no.	Inner	TOYOTA MOTOR
		Outer	TOYOTA MOTOR
	Number used		4 (= 2 each shaft)
	Type, size, plunge	Inner	Tripod, plunge
		Outer	Rzeppa, fixed
	Attach (u-bolt, clamp, etc)		Inner: spline and snap ring, Outer: spline and nut
	Bearing	Type (plain, anti-friction)	Ball bearing
		Lubrication (fitting, prepack)	Prepacked
Drive taken through (torque tube, arms or springs)			N.A.
Torque taken through (torque tube, arms or springs)			N.A.

*Centerline to centerline of universal joints, or to centerline of attachment.

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ZZW30L-AKMQHA	ZZW30L-AKGQHA

AXLE RATIO AND TOOTH COMBINATIONS (See 'Power Teams' for axle ratio usage)

Axle ratio (or overall top gear ratio)		4.312
Ring gear o.d.		—
No. of teeth	Pinion	16
	Ring gear	69

Rear Axle Unit

Description		Integral to trans.	
Limited slip differential (type)		N.A.	Gear
Drive pinion	Type	Helical	
	Offset	—	
No. of differential pinions		2	8
Pinion / differential	Adjustment (shim, etc.)		
	Bearing adjustment		
Driving wheel bearing (type)		Double row angular contact ball bearing	
Lubricant	Capacity L(pt.)	1.9	Std.= 1.9, Opt.(for/LSD)= 1.8
	Type recommended	API GL-3	

Propeller Shaft - Rear Wheel Drive

Manufacturer Type (straight tube, tube-in-tube, internal-external damper, etc.)			—
Outer diam. x length* x spl thickness	Manual 4-speed transmission		—
	Manual 5-speed transmission		—
	Manual 6-speed transmission		—
	Overdrive		—
	Automatic transmission		—
Intermediate bearing	Type (plain, anti-friction)		—
	Lubrication (fitting, prepack)		—
Slip yoke	Type		—
	Number of teeth		—
	Spline o.d.		—
Universal joints	Make and mfg. no.	Front	—
		Rear	—
	Number used		—
	Type (ball and trunnion, cross)		—
	Rear attach (u-bolt, clamp, etc)		—
	Bearing	Type (plain, anti-friction)	—
		Lubrication (fitting, prepack)	—
Drive taken through (torque tube, arms or springs)			Strut, arm
Torque taken through (torque tube, arms or springs)			Strut, arm

*Centerline to centerline of universal joints, or to centerline of rear attachment.

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Model Code/Description And/Or
 Engine Code/Description

ZZW30L

Suspension - General Including Electronic Controls

Car leveling	Standard/option/not avail.	N.A.
	Manual/automatic control	—
	Type (air/hydraulic)	—
	Primary/assist spring	—
	Rear only/4 wheel leveling	—
	Single/dual rate spring	—
	Single/dual ride heights	—
	Provision for jacking	—
Shock absorber damping controls	Standard/option/not avail.	N.A.
	Manual/automatic control	—
	Number of damping rates	—
	Type of actuation(manual/electric motor/air, etc.)	—
	Sensors	Lateral acceleration
		Deceleration
		Acceleration
		Road surface
Shock absorber (front & rear)	Type	Tube double acting / Tube double acting
	Make	KAYABA / KAYABA
	Piston diameter	φ 30.2 / φ 32
	Rod diameter	φ 20 / φ 22

Suspension - Front

Type and description		MacPherson strut
Travel	Full jounce (define load condition)	76
	Full rebound	82
Spring	Type (coil, leaf, other & material)	Coil, Alloy steel
	Insulators (type & material)	Top only, rubber
	Size (Leaf: length & width; Coil: design height & i.d.; Bar: length & diameter)	Coil design= 343.5 x 83.1
	Spring rate [N/mm(lb./in.)]	13.0
	Rate at wheel [N/mm(lb./in.)]	17.0
Stabilizer	Type (link, linkless, frameless)	Link
	Material & O.D. bar/tube, wall thickness	Alloy steel, φ 20

Suspension - Rear

Type and description		Strut
Travel	Full jounce (define load condition)	90
	Full rebound	80
Spring	Type (coil, leaf, other & material)	Coil, Alloy steel
	Size (Leaf: length & width; Coil: design height & i.d.; Bar: length & diameter)	Coil design= 352 x 89.2, Leaf: N.A.
	Spring rate [N/mm(lb./in.)]	21
	Rate at wheel [N/mm(lb./in.)]	23.5
	Insulators (type & material)	Top only, rubber
	If leaf	No. of leaves
		Shackle (comp. or tens.)
Stabilizer	Type (link, linkless, frameless)	Link
	Material & O.D. bar/tube, wall thickness	Alloy steel, φ 15
Track bar (type)		N.A.

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Model Code/Description And/Or
 Engine Code/Description

ZZW30L

Brakes - Service

Description		4-wheel hydraulic actuation with front and rear circuits	
Manufacture and brake type (std., opt., n.a.)	Front (disc or drum)	HOUSEI, disc, Std.	
	Rear (disc or drum)	AKEBONO, disc, Std.	
Valving type (proportion, delay, metering, other)		N.A.	
Power brake (std., opt., n.a.)		Std.	
Booster type (remote, integral, vac., hyd., etc.)		Integral, vacuum	
Vacuum	Source (inline, pump, etc.)	Inline	
	Reservoir (volume in.)	N.A.	
	Pump-type (elec., gear driven, belt driven)	N.A.	
Traction assist	Operational speed range	N.A.	
	Type (engine or brake intervention)	N.A.	
Anti-lock device	Front/rear (std., opt., n.a.)	Front and Rear (Std.)	
	Manufacturer	DENSO	
	Type (electronic, mech.)	Electronic	
	Number sensors or circuits	4	
	Number anti-lock hydraulic circuits	4	
	Integral or add-on system	Add-on	
	Yaw control (yes, no)	Yes	
Hydraulic power source (elec., vac. mtr., pwr. strg.)		Electric	
Effective area cm ² (in. ²)*		126 / 134	
Gross Lining area cm ² (in. ²)**(F/R)		154 / 134	
Swept area cm ² (in. ²)***(F/R)		1207 / 1189	
Disc	Outer working diameter	F/R	253 / 262
	Inner working diameter	F/R	160 / 174 (in), 177 (out)
	Thickness	F/R	20 / 16
	Material & type (vented/solid)	F/R	Cast iron, Vented / Cast iron, Vented
Drum	Diameter & width	F/R	N.A.
	Type and material	F/R	N.A.
Wheel cylinder bore		51.10 / 44.45	
Master cylinder	Bore/stroke	F/R	22.2 / 20 22.2 / 14.0
Pedal arc ratio		3.0	
Line pressure at 445N(100 lb.) pedal load[kPa(psi)]		8020	
Lining clearance		F/R	Self adjust / Self adjust
Brake lining	Front wheel	Bonded or riveted (rivets/seg.)	Bonded
		Rivet size	N.A.
		Manufacturer	NISSHINBO
		Lining code*****	PN540H-FG
		Material	Molded resine, non-asbestos
		**** Primary or out-board	91.9 x 45.2 x 11.0
	Rear wheel	Size Secondary or in-board	91.9 x 45.2 x 11.0
		Shoe thickness (no lining)	5.5
		Bonded or riveted (rivets/seg.)	Bonded
		Manufacturer	AKEBONO
		Lining code*****	PA511-EE
		Material	Molded resine, non-asbestos
		**** Primary or out-board	94.0 x 42.9 x 10.0
		Size Secondary or in-board	82.0 x 44.1 x 10.0
		Shoe thickness (no lining)	5.5 (out), 6.0 (in)

* Excludes rivet holes, grooves, chamfers, etc. ** Includes rivet holes, grooves, chamfers, etc.

*** Total swept area for four brakes. (Drum brake: Widest lining contact width for each brake x its contact circumference.)

(Disc brake: Square of Outer Working Dia. minus Square of inner Working Dia. multiplied by Pi/2 for each brake.)

* Size for drum brakes includes length x width x thickness. ***** Manufacturer I.D., catalog for formulation designation and coefficient of friction classification.

MVMA Specifications

Vehicle Line TOYOTA MR2
Model Year 2001 Issued Aug., 2000 Revised()

METRIC (U.S. Customary)

Model Code/Description And/Or
Engine Code/Description

ZZW30L

Tires and Wheels (Standard)

Tires	Size (service description)		Fr.: 185/55R15 81V, Rr.:205/50R15 85V
	Type (bias, radial, steel, nylon, etc.)		Radial / Steel
	Inflation pressure (cold) for recommended max. vehicle load	Front kPa(psi)	180
		Rear kPa(psi)	220
	Rev./mile-at 70 km/h (45 mph)		Fr. (185/55R15)= 908, Rr.(205/50R15)= 905
Wheels	Type & material		Aluminum
	Rim (size & flange type)		Fr.: 15 x 6JJ, Rr.: 15 x 6 1/2JJ
	Wheel offset		45
	Attachment	Type (bolt or stud & nut)	Stud and nut
		Circle diameter	100
		Number & size	4-M12 x 1.5
Spare	Tire and wheel		T125/70D16 96M, 16*4T
	Storage position & location (describe)		Front luggage room

Tires And Wheels (Optional)

N.A.

Tire size (service description)	
Type (bias, radial, steel, nylon, etc.)	
Wheel (type & material)	
Rim (size, flange type and offset)	
Tire size (service description)	
Type (bias, radial, steel, nylon, etc.)	
Wheel (type & material)	
Rim (size, flange type and offset)	
Tire size (service description)	
Type (bias, radial, steel, nylon, etc.)	
Wheel (type & material)	
Rim (size, flange type and offset)	
Tire size (service description)	
Type (bias, radial, steel, nylon, etc.)	
Wheel (type & material)	
Rim (size, flange type and offset)	
Spare tire and wheel size (if configuration is different than road tire or wheel, describe optional spare tire and/or wheel location & storage position)	

Brakes - Parking

Type of control		Hand operated
Location of control		Center floor
Operates on		Rear service brakes
If separate from service brakes	Type (internal or external)	N.A.
	Drum diameter	N.A.
	Lining size (length x width x thickness)	N.A.

MVMA Specifications

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METRIC (U.S. Customary)

Model Code/Description And/Or
Engine Code/Description

ZZW30L

Steering

Manual (std., opt., n.a.)			N.A.	
Power (std., opt., n.a.)			Std.	
Speed-sensitive (std.,opt.,n.a.)			Std.	
4-wheel steering (std.,opt.,n.a.)			N.A.	
Adjustable steering wheel/column (tilt, telescope, other)		Type	Tilt	
		Manufacturer (std., opt., n.a.)	TOYOTA MOTOR	
Wheel diameter** (W9)		Manual	370	
SAE J1100		Power	370	
Turning diameter m(ft.)	Outside front	Wall to wall (l. & r.)	10.6	
		Curb to curb (l. & r.)	10.4	
	Inside rear	Wall to wall (l. & r.)		
		Curb to curb (l. & r.)		
Scrub Radius*			-9	
Manual	Gear	Type	—	
		Manufacturer	—	
		Ratios	Gear	—
			Overall	—
	No. wheel turns (stop to stop)		—	
Power	Type (coaxial, elec., hyd., etc.)		Integral	
	Manufacturer		Pump Assy, Line: TOYOTA KOKI / PS gear: KOYO SEIKO	
	Gear	Type	Rack & Pinion	
		Ratios	Gear	∞
			Overall	13.6
	Pump (drive)		Electric Motor	
	No. wheel turns (stop to stop)		2.7	
Tie rod	Type		Tie rod directly attached to rack end	
	Location (front or rear of wheels, other)		Front of wheels	
	Tie rods (one or two)		Two	
Steering axis	Inclination at camber (deg.)		14° 50'	
	Bearings (type)	Upper	Ball bearing	
		Lower	Ball joint	
		Thrust	N.A.	
	Steering spindle/knuckle & joint type			MacPherson strut and ball joint

* The horizontal distance in the front elevation between wheel centerline and kingpin(ball joint) axis at ground

** See Page 23.

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METRIC (U.S. Customary)

Model Code/Description And/Or
 Engine Code/Description

ZZW30L

Wheel Alignment

Front wheel at curb mass (wt.)	Service checking	Caster (deg.)	3° 10' ± 45' (pre-set)
		Camber (deg.)	-0° 50' ± 45'
		Toe-in outside track-mm (in.)	2 ± 2
	Service reset*	Caster (deg.)	3° 10' ± 30' (pre-set)
		Camber (deg.)	-0° 50' ± 30' (pre-set)
		Toe-in - mm (in.)	2 ± 1 (adjustable)
Rear wheel at curb mass (wt.)	Periodic M.V. inspection	Caster (deg.)	N.A.
		Camber (deg.)	N.A.
		Toe-in - mm (in.)	N.A.
	Service checking	Camber (deg.)	-1° 05' ± 45'
		Toe-in outside track-mm (in.)	3 ± 2
		Toe-in - mm (in.)	3 ± 1 (adjustable)
	Service reset*	Camber (deg.)	-1° 05' ± 30' (pre-set)
		Toe-in - mm (in.)	3 ± 1 (adjustable)
		Toe-in - mm (in.)	N.A.
	Periodic M.V. inspection	Camber (deg.)	N.A.
		Toe-in - mm (in.)	N.A.
		Toe-in - mm (in.)	N.A.

*Indicates pre-set, adjustable, trend set or other.

Electrical - Instruments and Equipment

Speedometer	Type (analog, digital, std., opt.)	Analog, Std.
	Trip odometer (std., opt., n.a.)	Std.
Head-up display	Standard, optional, not available	N.A.
	Type	Secondary, opto-electronic
	Speedometer	Digital
	Status / warning indicators	Turn signals, high beam, low fuel, check gauges
	Brightness control	Day / night mode, adjustable
	EGR maintenance indicator	—
Charge indicator	Type	Tell-tale lamp
	Warning device (light, audible)	Light
Temperature indicator	Type	Electric gauge
	Warning device (light, audible)	N.A.
Oil pressure indicator	Type	Tell-tale lamp
	Warning device (light, audible)	Light
Fuel indicator	Type	Electric gauge
	Warning device (light, audible)	Light
Windshield wiper	Type (standard)	—
	Type (optional)	—
	Blade length	L= 500mm / R= 475 mm
Windshield washer	Swept area cm ² (in. ²)	6595
	Type (standard)	Electric motor
	Type (optional)	—
Rear window wiper, wiper/washer (std., opt., n.a.)	Fluid level indicator (light, audible)	N.A.
		N.A.
Horn	Type	Electrical
	Number used	2
Other		

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METRIC (U.S. Customary)

Engine Code/Description

1ZZ-FE

Electrical - Supply System

Battery	Manufacturer	MATSUSHITA
	Model, std., (opt.)	55B24L
	Voltage	12V
	Amps at 0° F cold crank	433
	Minutes-reserve capacity	79
	Amps/hrs.-20 hr. rate	45
	Location	Left rear of engine compartment
Alternator	Manufacturer	DENSO
	Rating (idle/max. rpm)	12V - 80A
	Ratio (alt. crank/rev.)	2.364
	Output at idle (rpm, park)	—
	Optional (type & rating)	—
Regulator	Type	IC regulator

Electrical - Starting System

Motor	Manufacturer	DENSO
	Current drain ____ ° C(° F)	—
	Power rating kw (hp)	1.4
Motor drive	Engagement type	Solenoid shift
	Pinion engages from (front, rear)	Front

Electrical - Ignition System

Type	Electronic (std., opt., n.a.)	Std.
	Other (specify)	—
Coil	Manufacturer	DENSO
	Model	N.A.
	Current	Engine stopped - A
		Engine idling - A
Spark plug	Manufacturer	DENSO NGK
	Model	SK16R11 IFR5A11
	Thread (mm)	14
	Tightening torque Nm (lb.-ft.)	18.0
	Gap	1.1
	Number per cylinder	1
Distributor	Manufacturer	N.A.
	Model	N.A.

Electrical - Suppression

Location & type	Distributor rotor	—
	High tension cord	N.A.
	Spark plug	High resistance spark plug
	Others	—

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METRIC (U.S. Customary)

Model Code/Description

ALL Models

Body

Structure	Unitized body structure
Bumper system front - rear	Front and Rear: P.P fascia and reinforcement
Anti-corrosion treatment	Extensive use of galvanealed steel sheet and PVC sealer, full dip pretreatment, cathodic ED, PVC undercoat, chipcoat

Body - Miscellaneous Information

Type of finish (lacquer, enamel, other)	Thermosetting amino-alkyd enamel, Thermosetting acrylic enamel	
Hood	Material & mass	FR Hood: 10, Steel, E/G Hood: 7, steel
	Hinge location (front, rear)	FR Hood: rear, E/G Hood: front
	Type (counterbalance, prop)	FR Hood: prop, E/G Hood: prop
	Release control (internal, external)	FR Hood: internal, E/G Hood: internal
Trunk lid	Material & mass	—
	Type (counterbalance, other)	—
	Internal release control (elec., mech., n.a.)	—
Hatchback lid	Material & mass	—
	Type (counterbalance, other)	—
	Internal release control (elec., mech., n.a.)	—
Tailgate	Material & mass	—
	Type (drop, lift, door)	—
	Internal release control (elec., mech., n.a.)	—
Vent window control (crank, friction, pivot, power)	Front	N.A.
	Rear	N.A.
Window regulator type (cable, tape, flex drive, etc.)	Front	Cable
	Rear	—
Seat cushion type (e.g., 60/40 bucket, bench, wire, foam, etc.)	Front	Separate: panel frame + spring + foam pad
	Rear	N.A.
	3rd seat	N.A.
Seat back type (e.g., 60/40 bucket, bench, wire, foam, etc.)	Front	Separate: panel frame + spring + foam pad
	Rear	N.A.
	3rd seat	N.A.

Frame

Type and description (separate frame, unitized frame, partially-unitized frame)	Unitized
---	----------

MVMA Specifications

Vehicle Line TOYOTA MR2
Model Year 2001 Issued Aug., 2000 Revised()

METRIC (U.S. Customary)

Model Code/Description

ALL Models

Restraint System

Seating Position			Left	Center	Right
Active	Type & description (lap & shoulder belt lap belt, etc.)	First seat	Std.: lap and shoulder belt with ELR, pretensioner and force limiter	N.A.	Std.: lap and shoulder belt with ELR, ALR, pretensioner and force limiter
	Standard / optional	Second seat	N.A.	N.A.	N.A.
		Third seat	N.A.	N.A.	N.A.
Passive	Type & description (airbag, motorized- 2-point belt, fixed belt, knee bolster, manual- lap belt)	First seat	Std.: knee bolster	N.A.	Std.: air bag
	Standard/ optional	Second seat	N.A.	N.A.	N.A.
		Third seat	N.A.	N.A.	N.A.

Glass	SAE Ref. No.	
Windshield glass exposed surface area cm ² (in. ²)	S1	8010
Side glass exposed surface area cm ² (in. ²) - total 2-sides	S2	4010
Rearlight glass exposed surface area cm ² (in. ²)	S3	2540
Total glass exposed surface area cm ² (in. ²)	S4	
Windshield glass (type / thickness)		Curved-laminated, t= 4.5
Side glass (type / thickness)		Curved-tempered, t= 4.0
Rearlight glass (type / thickness)		Green tempered, t= 2.5
Tinted (yes / no, location)		Yes, windshield and side glass
Solar control (yes / no, coated / batched, location)		Yes, batched / side glass

Headlamps

Description (sealed beam, halogen, replaceable bulb, etc.)	Replaceable bulb, halogen
Shape	Aerodynamic-flush mounted
Low-beam type (2A1, 2B1, 2C1, etc.)	N.A.
Quantity	2
Hi-beam type (1A1, 2A1, 1C1, 2C1, etc.)	N.A.
Quantity	2

MVMA Specifications

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METRIC (U.S. Customary)

Engine Code/Description

1ZZ-FE

Climate Control System

Air Conditioning (std., opt., man., auto.)		Std.: manual
Condenser	Type	Corrugated fin and multi-flow type
	Eff. face area (sq. mm.)	196495 (W x H= 650 x 302.3)
	Fins per inch	Pitch= 3.6 mm
Evaporator	Type	Corrugated fin and plate tube heat exchanger
	Eff. face area (sq. mm.)	46597 (W x H= 227.3 x 205)
	Fins per inch	Pitch= 3.5 mm
Heater core	Material	Aluminum
	Eff. face area (sq. mm.)	28197 (W x H= 216.9 x 130)
	Fins per inch	Pitch= 1.8 mm
Compressor	Type	SCS06
	Displacement (cc.)	60 cc
	Manufacturer	DENSO
	A/C pulley ratio	1.24
Accumulator	Type	—
	Height (mm.)	—
	Diameter (mm.)	—
Receiver	Type	—
	Height (mm.)	—
	Diameter (mm.)	—
Refrigerant control (CCOT, TVS, etc.)		—
Heater water valve (yes / no)		No
Refrigerant (R - 12, R - 134a, etc.)		R-134a
Charge level (lbs. - oz.)		500 cc
Cold engine lockout switch (yes / no)		—
Wide open throttle cutout switch (yes / no)		—

MVMA Specifications

Vehicle Line TOYOTA MR2
 Model Year 2001 Issued Aug., 2000 Revised ()

METRIC (U.S. Customary)

Model Code/Description

ALL Models

Convenience Equipment (standard, optional, n.a.)

	Clock (digital, analog)	Digital
	Compass / thermometer	
	Console (floor, overhead)	Std.: floor
	Defroster, electric windshield	
	Defroster, electric backlight	N.A.
Electronic	Diagnostic monitor (integrated, individual)	
	Instrument cluster (list instruments)	
	Keyless entry	
	Tripminder (avg. spd., fuel)	
	Voice alert (list items)	
	Other	
	Fuel door lock (remote, key, electric)	
Lamps	Auto head on / off delay, dimming	
	Cornering	
	Courtesy (map, reading)	Std.
	Door lock, ignition	
	Engine compartment	
	Fog	
	Glove compartment	N.A.
	Trunk	
	Illuminated entry system (list lamps, activation)	
	Other	N.A.
Mirrors	Day / night (auto, man.)	Std.: manual
	L.H. (remote, power, heated)	Std.: power
	R.H. (convex, remote, power, heated)	Std.: convex, power
	Visor vanity (RH / LH, illuminated)	N.A.
	Navigation system (describe)	
	Parking brake-auto release (warning light)	N.A.

MVMA Specifications

Vehicle Line TOYOTA MR2
 Model Year 2001 Issued Aug., 2000 Revised(-) _____

METRIC (U.S. Customary)

Model Code/Description

ALL Models

Convenience Equipment (standard, optional, n.a.)

Power equipment	Deck lid (release, pull down)		
	Door locks (manual, automatic, describe system)		Manual
	Seats	2 - 4 - 6 way, etc.	N.A.
		Reclining (R.H., L.H.)	N.A.
		Memory (R.H., L.H., preset recline)	N.A.
		Support (lumber, hip, thigh, etc.)	N.A.
		Heated (R.H., L.H., other)	N.A.
	Side windows		Power
	Vent windows		
	Rear windows		
Radio systems	Antenna (location, whip, w / shield, power)		
	Standard		
	Optional	AM,FM, stereo, tape, compact disc, graphic equalizer, theft deterrent, radio prep package, headphone jacks, etc.	
	Speaker (number, location)		
Roof: open air or fixed (flip-up, sliding, "T")		Soft top	
Speed control device			
Speed warning device (light, buzzer, etc.)		N.A.	
Tachometer (rpm)		8000	
Telephone system (describe)			
Theft deterrent system			

Trailer Towing

Towing capable	Yes / No	No
Engine / transmission / axle	Std / Opt	—
Tow class (I, II, III) *	Std / Opt	—
Max. gross trailer wgt. (lbs.)	Std / Opt	—
Max. trailer tongue load (lbs.)	Std / Opt	—
Towing package available	Yes / No	—

* Class I - 2,000 lbs. Class II - 3,500 lbs. Class III - 5,000 lbs.

MVMA Specifications

Vehicle Line TOYOTA MR2

Model Year 2001

Issued Aug., 2000

Revised(-)

METRIC (U.S. Customary)

Vehicle Dimensions

See Key Sheets for definitions

All dimensions to ground are for comparative purposes only. Dimensions are to be shown for all base body models vehicle line.

SAE Ref. no. refers to the definition published in SAE Recommended Practice J1100 "Motor Vehicle Dimensions, unless otherwise specified.

Model Code/Description	SAE Ref. No.	ALL Models
Width		
Tread (front)	W101	1475
Tread (rear)	W102	1460
Vehicle width	W103	1695
Body width at Sg RP (front)	W117	1670
Vehicle width (front doors open)	W120	3690
Vehicle width (rear doors open)	W121	—
Tumble-home (degrees)	W122	27.0
Outside mirror width	W410	1815

Length

Wheelbase	L101	2450
Vehicle length	L103	3885
Overhang (front)	L104	765
Overhang (rear)	L105	670
Upper structure length	L123	1986
Rear wheel C/L*X*coordinate	L127	2450

Height**

Passenger distribution (front/rear)	PD1,2,3	• •
Trunk/cargo load		• •
Vehicle height	H101	1225
Cowl point to ground	H114	805
Deck point to ground	H138	945
Rocker panel-front to ground	H112	175
Rocker panel-rear to ground	H111	225
Windshield slope angle(degrees)	H122	63.5
Backlight slope angle(degrees)	H121	60.0

Ground Clearance **

Front bumper to ground	H102	180
Rear bumper to ground	H104	270
Bumper to ground front at curb mass (wt.)	H103	200
Bumper to ground rear at curb mass (wt.)	H105	285
Angle of approach (degrees)	H106	16
Angle of departure (degrees)	H107	20
Ramp breakover angle (degrees)	H147	14
Axle differential to ground (front/rear)	H153	160
Min. running ground clearance	H156	125
Location of min. run. grd. clear.		Floor reinforcement bolt

****All Vehicle Height And Ground Clearance Are Made Using EPA Loaded Vehicle Weight, Loading Conditions.**

EPA Loaded Vehicle Weight is the Base Vehicle Weight Plus All Coolant And Fluids Necessary For Operation Plus 100% Of The Fuel Capacity, Plus The Weight Of All Options And Accessories Which Weight Three Pounds Or More And Which Are Sold On At Least 33% Of The Car Line, Plus Two Occupants.

MVMA Specifications

Vehicle Line **TOYOTA MR2**
 Model Year **2001** Issued **Aug., 2000** Revised(-)

METRIC (U.S. Customary)

Vehicle Dimensions See Key Sheets for definitions

Model Code/Description

SAE
Ref.
No.

ALL Models

Front Compartment

SgRP front, "X" coordinate	L31	1316.3
Effective head room	H61	947
Max. eff. leg room (accelerator)	L34	1072.4
SgRP to heel point	H30	168.8
SgRP to heel point	L53	876.6
Back angle (degrees)	L40	25.0
Hip angle (degrees)	L42	91.6
Knee angle (degrees)	L44	126.9
Foot angle (degrees)	L46	87.0
Design H-point front travel	L17	223.3
Normal driving & riding seat track trvl.	L23	223.3
Shoulder room	W3	1291, 1285 (Leather)
Hip room	W5	1266
Upper body opening to ground***	H50	1107
Steering wheel maximum diameter*	W9	370
Steering wheel angle(degrees)	H18	18.0
Accel. heel pt. to steer. whl. cntr	L11	
Accel. heel pt. to steer. whl. cntr	H17	
Undepressed floor covering thickness	H67	12

Rear Compartment

Front Compartment Interior Dimensions Are Measured With The Seating Reference Point (SgRP) _____ mm Forward And _____ mm Upward of Rearmost Position.

SgRP point couple distance	L50	
Effective head room	H63	
Min. effective leg room	L51	
SgRP (second to heel)	H31	
Knee clearance	L48	
Shoulder room	W4	
Hip room	W6	
Upper body opening to ground***	H51	
Back angle (degrees)	L41	
Hip angle (degrees)	L43	
Knee angle (degrees)	L45	
Foot angle (degrees)	L47	
Depressed floor covering thickness	H73	

Luggage Compartment

Usable luggage capacity L(cu. ft.)	V1	105
Liftover height***	H195	N.A.

Interior Volumes (EPA Classification)

Vehicle class	Two seater
Interior volume index including trunk/cargo (cu. ft.)**	48.0
Trunk/cargo index (cu. ft.)	1.9

* See page 14.

** See definition page 33.

All linear dimensions are in millimeters (inches) unless otherwise noted.

*** EPA Loaded Vehicle Weight, Loading Conditions

MVMA Specifications

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Model Year 2001 Issued Aug., 2000 Revised()

METRIC (U.S. Customary)

Vehicle Dimensions See Key Sheets for definitions

Model Code/Description	SAE Ref. No.	ALL Models
Station Wagon/MPV*		
Third Seat		
Seat facing direction	SD1	
SgRP couple distance	L85	
Shoulder room	W85	
Hip room	W86	
Effective leg room	L86	
Effective head room	H86	
SgRP to heel point	H87	
Knee clearance	L87	
Back angle(degrees)	L88	
Hip angle(degrees)	L89	
Knee angle(degrees)	L90	
Foot angle(degrees)	L91	

Station Wagon/MPV* - Cargo Space

Cargo length (open front)	L200	
Cargo length (open second)	L201	
Cargo length (closed front)	L202	
Cargo length (closed second)	L203	
Cargo length at belt (front)	L204	
Cargo length at belt (second)	L205	
Cargo width (wheelhouse)	W201	
Rear opening width at floor	W203	
Opening width at belt	W204	
Min. rear opening width above belt	W205	
Cargo height	H201	
Rear opening height	H202	
Trunk to ground height**	H250	
Front seat back to load floor height	H197	
Cargo volume index m³(ft.³)	V2	
Hidden cargo volume index m³(ft.³)	V4	
Cargo volume index-rear of 2-seat	V10	
Cargo volume index*	V6	
Cargo width at floor*	W500	
Maximum cargo height*	H505	

Hatchback - Cargo Space

Cargo length at front seat back height	L208	
Cargo length at floor (front)	L209	
Cargo length at second seat back height	L210	
Cargo length at floor (second)	L211	
Front seat back to load floor height	H197	
Second seat back to load floor height	H198	
Cargo volume index m³(ft.³)	V3	
Hidden cargo volume index m³(ft.³)	V4	
Cargo volume index-rear of 2-seat	V11	

All linear dimensions are in millimeters (inches) unless otherwise noted.

* MPV-Multipurpose Vehicle

** EPA Loaded Vehicle Weight, Loading Conditions

MVMA Specifications

Vehicle Line TOYOTA MR2
 Model Year 2001 Issued Aug., 2000 Revised()

METRIC (U.S. Customary)

Model Code /
Description

ALL Models

Vehicle Fiducial Marks

Fiducial Mark Number *		Define Coordinate Location
Front (1)		
Front (2)		Center of front semi-circular notch in rocker panel flange for front jack-up point.
Rear (1)		
Rear (2)		Center of backmost semi-circular notch in rocker panel flange for rear jack-up point.
Note : Provide 3 of 4 Fiducial Mark Locations		
Front	W21 **	W6 + 94.1
	L54 **	L15 + 20.0
	H81 **	H9 + 70.7
	*** H161**	170
	*** H163**	155
Rear	W22**	W6 + 94.1
	L55**	L27 + 75.0
	H82**	H9 + 70.7
	*** H162**	170
	*** H164**	155

* Reference - SAE Recommended Practice, J182a Motor Vehicle Fiducial Marks.

** Reference - SAE Recommended Practice, J1100-Motor Vehicle Dimensions.

All linear dimensions are in millimeters (inches) unless otherwise noted.

*** EPA Loaded Vehicle Weight, Loading Conditions.

METRIC (U.S. Customary)

Vehicle Line	TOYOTA MR2		
Model Year	2001	Issued Aug., 2000	Revised()

[illegible]

Refer to ETWC code legend below for test weight class.

A-Z LEGEND			
A = 1000	J = 2000	Q = 3000	Y = 4000
B = 1125	K = 2125	R = 3125	Z = 4250
C = 1250	L = 2250	S = 3250	AA = 4500
D = 1375	M = 2375	T = 3375	BB = 4750
E = 1500	N = 2500	U = 3500	CC = 5000
F = 1625	O = 2625	V = 3625	DD = 5250
G = 1750	P = 2750	W = 3750	EE = 5500
H = 1875		X = 3875	FF = 5750

*** Shipping Mass (weight) = Curb Weight Less : 30 kg

MVMA Specifications

Vehicle Line
Model Year

TOYOTA MR2

Issued Aug., 2000

Revised(-)

METRIC (U.S. Customary)[illegible]

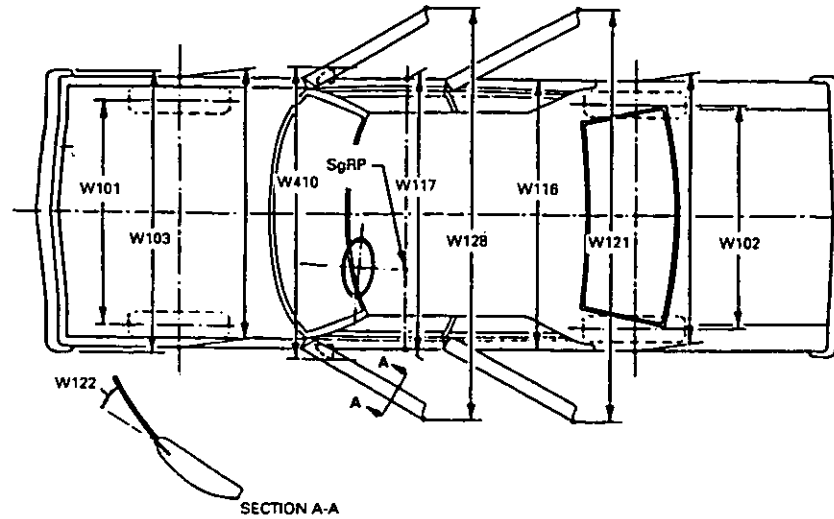
* Also see Engine - General Section for dressed engine mass (weight)

MVMA Specifications

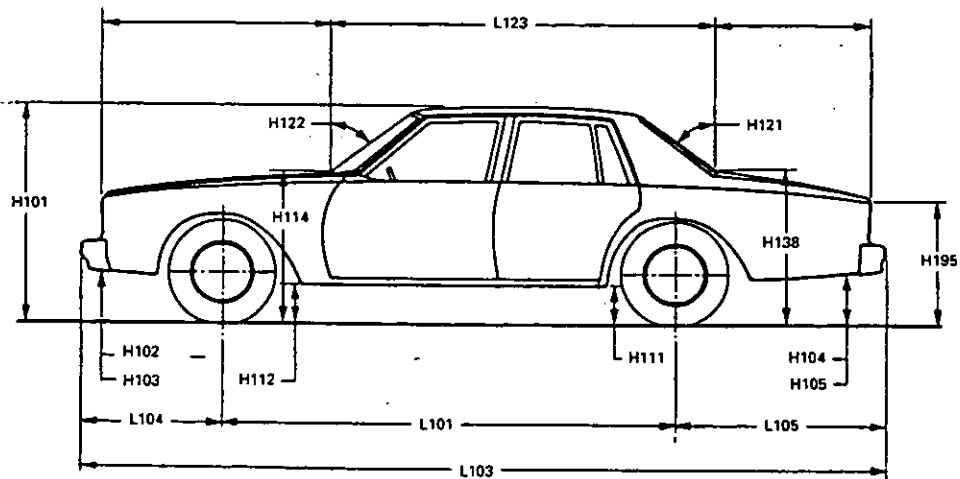
METRIC (U.S. Customary)

Exterior Vehicle And Body Dimensions - Key Sheet

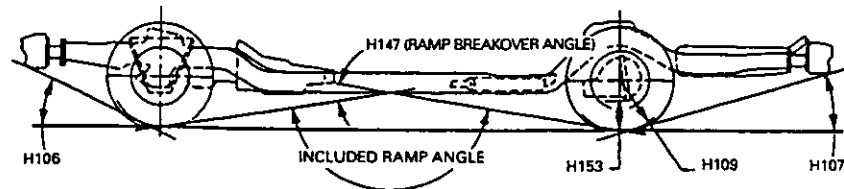
Exterior Width



Exterior Length & Height



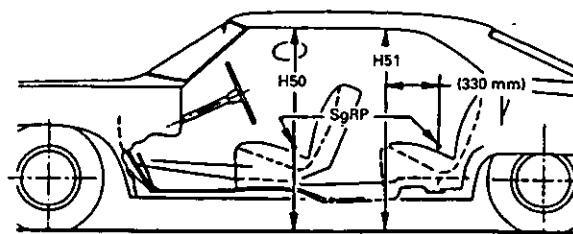
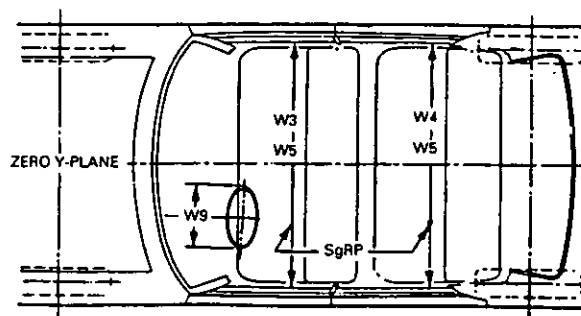
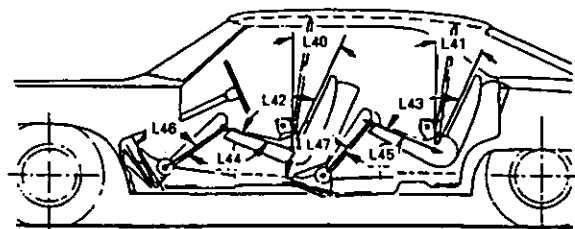
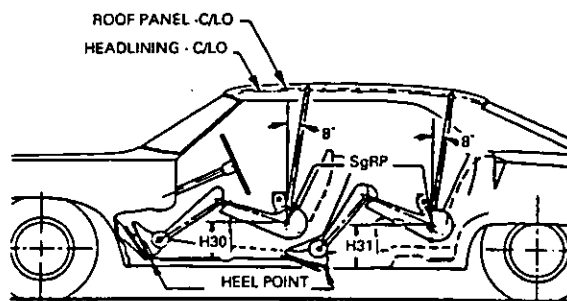
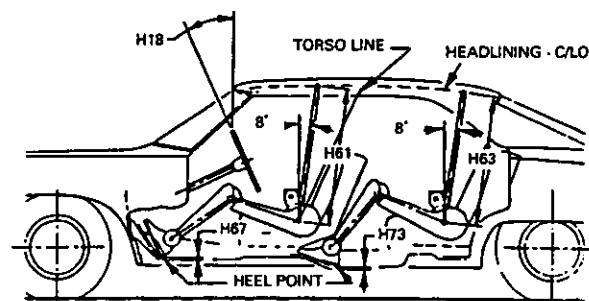
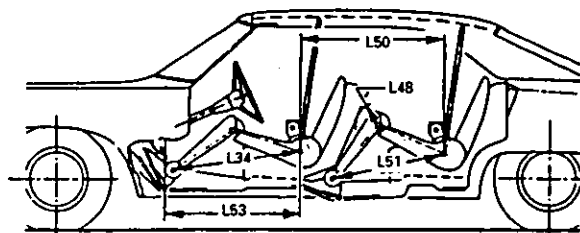
Exterior Ground Clearance



MVMA Specifications

METRIC (U.S. Customary)

Interior Vehicle And Body Dimensions - Key Sheet

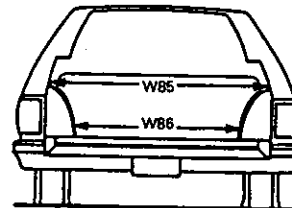
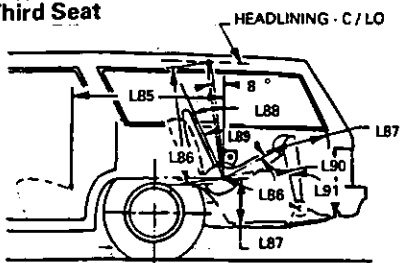


MVMA Specifications

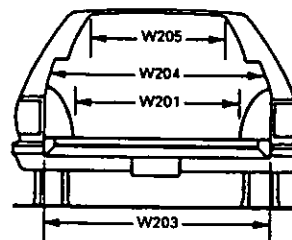
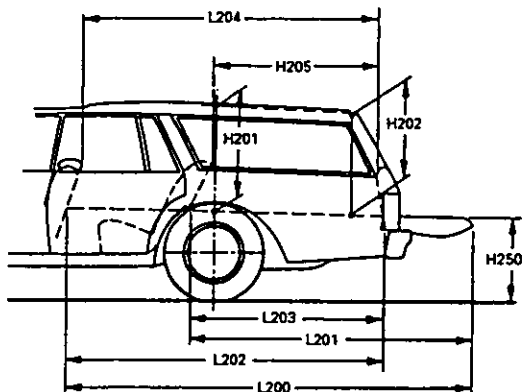
METRIC (U.S. Customary)

Interior Vehicle And Body Dimensions - Key Sheet

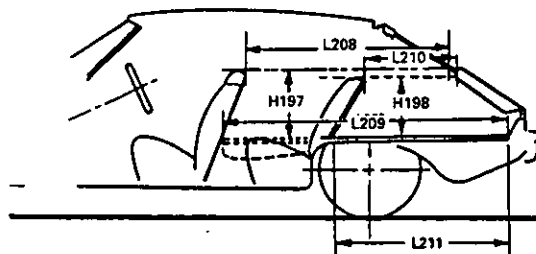
Third Seat



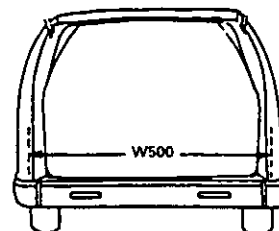
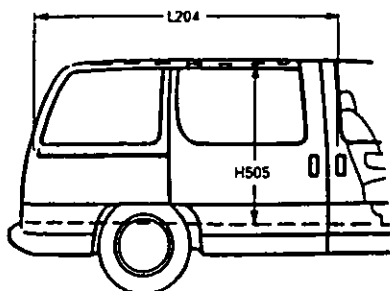
Cargo Space



Station Wagon



Hatchback



Multipurpose Vehicle

MVMA Specifications

METRIC (U.S. Customary)

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