

MANUFACTURERS MOTOR VEHICLE SPECIFICATIONS

METRIC (U.S. Customary)

1994

Manufacturer SUZUKI MOTOR CORPORATION	Vehicle Line Geo TRACKER	
Mailing Address GENERAL MOTORS CORPORATION CHEVROLET CENTRAL OFFICE 30007 VAN DYKE WARREN, MI 48090-9065	Issued SEPTEMBER, 1993	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.

MVMA

Motor Vehicle Manufacturers Association
of the United States, Inc.

Blank 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 optional equipment. Significant deviations are noted.
 - b. Nominal 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.
4. Additional Vehicle Dimensions (based in part on SAE J1100 "Motor Vehicle Dimensions") may be available from the manufacturer.

MVMA Specifications

Vehicle Line Geo TRACKER
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Vehicle Origin

Design & development (company)	Suzuki Motor Corporation
Where built (country)	Canada
Authorized U.S. Sales marketing representative	Chevrolet/Geo

Vehicle Models

Model Description & Drive (FWD/RWD/AWD/4WD)*	Make, Vehicle Models, Series, Body Type (Mfg's Model Code)	No. of Designated Seating Positions (Front/Rear)	Max. Trunk/Cargo Load-Kilograms (Pounds)	EPA Fuel Economy (City/Hwy)
Geo TRACKER Convertible (4WD) (Federal)	J10367	2/2	100 (220)	25/27, Man. 23/24, Auto.
Geo TRACKER Hardtop (4WD) (Federal)	J10316	2/2	90 (200)	25/27, Man. 23/24, Auto.
Geo TRACKER Convertible (2WD) (Federal)	E10367	2/2	180 (400)	25/27, Man. 23/24, Auto.
Geo TRACKER Convertible (4WD) (California)	J10367	2/2	100 (220)	24/26, Man. 22/24, Auto.
Geo TRACKER Hardtop (4WD) (California)	J10316	2/2	90 (200)	24/26, Man. 22/24, Auto.
Geo TRACKER Convertible (2WD) (California)	E10367	2/2	180 (400)	24/26, Man. 22/24, Auto.

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

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Engine Description	1.6 LITER L4 (97 CID)
Engine Code	ELECTRONIC FUEL INJECTION RPO LS5

ENGINE - GENERAL

FEDERAL (2 Valve)

CALIFORNIA (4 Valve)

Type & description (inline, V, angle, flat, location, front, mid, rear, transvers, longitudinal, sohc, dohc, ohv, hemi, wedge, pre-chamber, etc.)	Inline, Front, Longitudinal, SOHC		
Manufacturer	SUZUKI MOTOR CORPORATION		
No. of cylinders	4		
Bore	75 mm (2.95 in.)		
Stroke	90 mm (3.54 in.)		
Bore spacing (C/L to C/L)	84 mm (3.30 in.)		
Cyl block matl & mass kg(lbs.) (machined)	Aluminum Alloy, 17.5 (38.6)		
Cylinder block deck height	213.8 mm (8.42 in.)		
Cylinder block length	372 mm (14.65 in.)		
Deck clearance (minimum) (above or below block)	0.9 mm (0.04 in.), Below		
Cyl. head material & mass kg (lbs.)	Aluminum Alloy, 6.9 (15.2)	7.8 (17.2)	
Cylinder head volume cu. cm. (cu. in.)	32.2 (1.96)	25.5 (1.55)	
Cylinder liner material	Cast Iron		
Head gasket thickness (compressed)	1.2 mm (0.05 in.)		
Minimum combustion chamber total volume cm. cu. (cu. in.)	50.6 (3.88)	46.8 (3.59)	
Cyl. no. system (front to rear)	L. Bank	1-2-3-4	
	R. Bank	---	
Firing order	1-3-4-2		
Intake manifold matl & mass kg(lbs.) **	Aluminum Alloy, 2.6 (5.7)	3.5 (7.7)	
Exh. manifold matl & mass kg (lbs.) **	Cast Iron, 4.3 (9.5)	8.3 (18.3)	
Knock sensor (number & location)	Not Applicable		
Fuel required unleaded, diesel, etc.	Unleaded		
Fuel antiknock index (R + M) / 2	87		
Engine mounts	Quantity	3	
	Matl and type (elastomeric, hydroelastic, hydraulic damper, etc.)	Rubber (Elastomeric)	
	Added isolation (sub-frame, crossmember, etc.)	Crossmember (For Engine Rear Mount)	
Total dressed engine mass (wt) dry***	89 kg (196 lbs.)	104 kg. (229 lbs.)	

Engine - Pistons

Material & mass, g (weight, oz.) - piston only	Aluminum Alloy, 227 (8.0)	207 (7.3)
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Engine Camshaft

Location	In Cylinder Head	
Material & mass kg (weight, lbs.)	Cast Iron, 2.1 (4.7)	1.95 (4.4)
Drive type	Chain/belt	Belt
	Width/pitch	19.1/9.525 mm (0.75/0.38 in.)

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

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

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Engine - Valve System

FEDERAL (2 Valve)

CALIFORNIA (4 Valve)

Hydraulic lifters (std., opt., n.a.)	Not Applicable	
Valves	Number intake/exhaust	4/4
	Head O.D. intake/exhaust	36.6/32.5 mm (1.44/1.28 in.)
		8/8 29.2/25.0 mm (1.15/0.98 in.)

Engine - Connecting Rods

Material & mass kg., (weight, lbs.)*	Forged Steel, 0.396 (0.873)
Length(axes centerline to centerline)	139.6

Engine - Crankshaft

Material & mass kg., (weight, lbs.)*	Nodular Cast Iron, 12.1 (26.7)	
End thrust taken by bearing (no.)	2	
Length & number of main bearings	18 mm (0.71 in.) x 5	
Seal (material, one, two piece design, etc.)	Front	1
	Rear	1

Engine - Lubrication System

Normal oil pressure kPa(PSI) @ eng rpm	40 (0.58) @ 4,000
Type oil intake (floating, stationary)	Stationary
Oil filter sys. (full flow, part, other)	Full Flow
Capacity of c/case, less filter-refill-L (qt.)	4.0 (4.2)

Engine - Diesel Information

(NOT APPLICABLE)

Diesel engine manufacturer	
Glow plug, current drain at 0 deg. F	
Injector Nozzle	Type
	Opening pressure kPa(PSI)
Pre-chamber design	
Fuel in-jection pump	Manufacturer
	Type
Fuel inj. 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

(NOT APPLICABLE)

Turbo charger - manufacturer	
Super charger - manufacturer	
Intercooler	

* Finished State

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Engine Description

1.6 LITER L4 (97 CID)

Engine Code

ELECTRONIC FUEL INJECTION RPO LS5

Engine - Cooling System

FEDERAL (2 Valve)

CALIFORNIA (4 Valve)

Coolant recovery system (std, opt, n.a.)		Standard
Coolant fill location (rad., bottle)		Bottle
Radiator cap relief valve pressure kPa (psi)		88.2 (12.8)
Circulation thermostat	Type (choke, bypass)	Choke
	Starts to open @ deg's C(F)	82 (180)
Water Pump	Type (centrifugal, other)	Centrifugal
	GPM 1000 pump rpm	3.5
	Number of pumps	1
	Drive (V-belt, other)	V-Ribbed Belt
	Bearing type	Roller & Ball
	Impeller material	Steel
Housing material		Aluminum Alloy
By-pass recirculation type (inter., ext.)		External
Cooling system capacity	With heater - L (qt.)	MT: 5.3 (5.6), AT: 5.2 (5.5)
	With air conditioner-L (qt.)	Not Applicable
	Opt. equip. specify-L (qt.)	"
Water jackets full length of cyl (yes, no)		Yes
Water all around cylinder (yes, no)		Yes
Water jackets open at head face (yes, no)		Yes
Radiator core	Std., A/C, HD	Standard
	Type (cross-flow, etc.)	Vertical Flow
	Construction (fin & tube mechanical, braze, etc.)	Fin & Tube
	Matl., mass kg (wt., lbs.)	Copper & Brass, MT: 3.8 (8.4), AT: 4.2 (9.2)
	Width	488 mm (19.21 in.)
	Height	373 mm (14.69 in.)
	Thickness	27 mm (1.06 in.)
Fins per inch		3.5 mm/2
Radiator end tank material		Plastic
Fan	Std., elec., opt.	Standard
	Number of blades & type (flex, solid, material)	5, Flex, Plastic
	Number & location (front, rear of radiator)	1, Rear of Radiator
	Diameter & projected width	340 mm (13.39 in.) & 50 mm (1.97 in.)
	Ratio (fan to crnkshft.rev.)	117:130
	Fan cutout type	Bimetal & Fluid Coupling
	Drive type (direct, remote)	Clutch Fan, Remote
	RPM at idle (elec.)	Not Applicable
	Motor rating (wattage) (elec.)	"
	Motor switch (type & location) (elec.)	"
	Switch point (temp./ pressure) (elec.)	"
Fan shroud (material)		Plastic

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Engine - Fuel System		FEDERAL (2 Valve)	CALIFORNIA (4 Valve)
Induction type: carburetor, fuel injection system, etc.		Fuel Injection	
Manufacturer		Mitsubishi - Mikuni	
Carburetor no. of barrels		Not Applicable	
Idle A/F mix.		14.6	
Fuel Injection	Point of inj. (no.)	Throttle Body (1)	Intake Manifold (4)
	Constant, pulse, flow	Pulse Flow	
	Control (elec., mech.)	Electronic	
	Sys. press. kPa (psi)	250 (36)	284 (41)
Idle spd.-rpm (spec. neutral or drive and propane if used)	Manual	800 (Neutral)	
	Automatic	800 (Neutral Or Park)	
Intake manifold heat control (exhaust or water thermostatic or fixed)		Water Thermostatic	
Air cleaner type		Replaceable Paper Element, Single Snorkel	
Fuel filter (type/location)		Paper Element, Under Floor - Rear	
Fuel pump	Type (elec. or mech.)	Electrical	
	Location (eng., tank)	Fuel tank	
	Press. range kPa (psi)	588 (85)	
	Flow rate at regulated pressure L (gal)/hr @ kPa (psi)	80 (21.1) @ 250 (36)	

Fuel Tank

Capacity refill L (gallons)		42 (11.1)
Location (describe)		Under Floor - Rear
Attachment		Bolts
Material & Mass kg (weight lbs.)		Steel, 8.4 (18.5)
Filler pipe	Location & material	Right Side Rear Quarter Panel, Steel
	Connection to tank	Rubber Hose
Fuel line (material)		Steel
Fuel hose (material)		Rubber
Return line (material)		Steel
Vapor line (material)		Steel
Extended range tank	Opt., n.a.	Not Applicable
	Capacity L (gallons)	
	Location & material	
	Attachment	
Auxiliary tank	Opt., n.a.	Not Applicable
	Capacity L (gallons)	
	Location & material	
	Attachment	
	Sictr switch or valve	
	Separate fill	

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Engine Code	ELECTRONIC FUEL INJECTION RPO LS5

Vehicle Emission Control		FEDERAL (2 Valve)	CALIFORNIA (4 Valve)	
Exhaust Emission Control	Type (air injection, engine modifications, other)	EFI + TWC + EGR + H02S	SFI + TWC + EGR + H02S	
	Air Injection	Pump or pulse	Not Applicable	
		Driven by	"	
		Air distribution (head, manifold, etc.,)	"	
		Point of entry	"	
	Exhaust Gas Recirculation	Type (controlled flow, open orifice, other)	Backpressure Controlled	
		Exhaust source		
	Catalytic Converter	Point of exh. inj. (spacer, carb., manifold, other)	Manifold	
		Type	Single Bed	
		Number of	2	
Location(s)		Under Floor		
Volume L (cu.in)		1.4 (85)	1.8 (109)	
Substrate type		Monolith		
Noble metal type		Platinum (Pt), Rhodium (Rh)		
Crankcase Emission Control	Noble metal concentration (g/cu. cm.)	0.0013		
	Type (ventilates to atmosphere, induction system, other)	Induction System		
	Energy source (manifold vacuum, carburetor, other)	Manifold Vacuum		
	Discharges to (intake manifold, other)	Intake Manifold		
Evaporative Emission Control	Air int.(breather cap, other)	Air Intake Case		
	Vapor vented to (crankcase, canister, other)	Fuel tank	Canister	
		Carburetor	Not Applicable	
Vapor storage provision	Canister			
Electronic System	Closed loop (yes/no)	Yes		
	Open loop (yes/no)	Yes		

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	
Resonator no. & type	None	
Exhaust pipe	Branch o.d., wall thickness	FED: Inner: 35-1.2 mm (1.38-0.05 in.), Outer: 48.6-1.2 mm (1.91-0.05 in.) CAL: Inner: 35-1.2 mm (1.38-0.05 in.), Outer: 54.0-1.2 mm (2.13-0.06 in.)
	Main o.d., wall thickness	42.7-2.0 mm (1.68-0.08 in.) 48.6-1.5 mm (1.91-0.06 in.)
	Matl. & Mass kg (wght.lbs.)	Stainless Steel & Aluminum Coated Steel Stainless Steel
Inter-mediate pipe	o.d. & wall thickness	42.7 - 1.2 mm (1.68 - 0.05 in.)
	Matl. & Mass kg (wght.lbs.)	Aluminum Coated Steel Stainless Steel
Tail pipe	o.d. & wall thickness	38.1 - 1.2 mm (1.45 - 0.05 in.) 42.7-1.2 mm (1.68-0.05 in.)
	Matl. & Mass kg (wght.lbs.)	Stainless Steel

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Engine Description **1.6 LITER L4 (97 CID)**
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Transmissions/Transaxle (Std., Opt., N.A.)	FEDERAL (2 Valve)	CALIFORNIA (4 Valve)
Manual 4-speed (manufacturer/country)	Not Applicable	
Manual 5-speed (manufacturer/country)	Suzuki Motor Corporation/Japan, Std.	
Manual 6-speed (manufacturer/country)	Not Applicable	
Automatic (manufacturer/country)	Hydra-Matic, Strasbourgh, General Motors, France, Opt.	
Auto. overdrive (manufacturer/country)	---	

Manual Transmission/Transaxle

Number of forward speeds	5		
Gear ratios	1st	3.65	
	2nd	1.95	
	3rd	1.38	
	4th	1.00	
	5th	0.86	0.80
	6th	Not Applicable	
	Reverse	3.67	
Synchronous meshing (specify gears)	All Forward Gears		
Shift lever location	Floor Mounted		
Trans. case mat'l. & mass kg (lbs)*	Aluminum Die-Cast, 31.6 (69.7)		
Lubricant	Capacity L (pt.)	1.5	
	Type recommended	Gear Oil GL4	
SAE Viscosity Number	75W-85, All Season, 75W-90 Available		

Clutch (Manual Transmission)

Clutch manufacturer	Daikin Clutch Corporation		
Clutch type (dry, wet; single, multiple disc)	Dry Single Disc		
Linkage (hyd., cable, rod, lever, other)	Cable		
Max. pedal effort (nom. spring load) N (lbs.)	Depressed	120	
	Released	75	
Assist (spring, power/percent, nominal)	Spring		
Type pressure plate springs	Diaphragm Spring		
Total spring load (nominal) N (lbs.)	3,920		
Clutch facing	Facing mfg. & mat'l. coding	Hitachi Chemical Co., Ltd., 2V: HN603, 4V: HN73G	
	Facing mat'l. & construction	Non-Asbestos, Semi-Mold	
	Rivets per facing	16	
	Outside x inside dia. (nom.)	200 x 140 mm (7.87 x 5.51 in.)	215 x 150 mm (8.46 x 5.91 in.)
	Total eff. area sq cm (sq in)	160 (24.8)	186 (28.8)
	Thickness (pressure plate side/fly wheel side)	3.5/3.5 mm (0.138/0.138 in.)	
	Rivet depth (pressure plate side/fly wheel side)	1.3 - 1.9 (0.051-0.075 in.) / 1.3 - 1.9 mm (0.051-0.075 in.)	
Engagement cushion method	Separate Cushion Type		
Release bearing type & method lub.	Automatic Center Adjusting Type Without Grease Lubrication		
Torsional damping method, springs, hysteresis	Spring Type		

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

NOTE: "2V" indicates 2V engine and "4V" indicated 4V engine.

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Engine Description	1.6 LITER L4 (97 CID)
Engine Code	ELECTRONIC FUEL INJECTION RPO LSS

Automatic Transmission/Transaxle

FEDERAL (2 Valve) CALIFORNIA (4 Valve)

Trade Name	3-Speed Automatic	
Type and special features (describe)	Torque Converter With Planetary Gears	
Shift mechanics	Hydraulic Control	
Gear selector	Location (column, floor, other)	Floor Mounted
	Ltr./No. designation (e.g. PRND21)	P-R-N-D-2-L
	Shift interlock (yes, no, describe)	Yes
Gear ratios	1st	2.40 (Equivalent)
	2nd	1.47 "
	3rd	1.00 "
	4th	Not Applicable
	5th	"
	6th	"
	Reverse	2.00 (Equivalent)
	Final drive ratio	2V: 4.625, 4V: 4.300
Max. upshift vehicle speed - drive range km/h (mph)	2V: 1 - 2 = 56.4 (35), 2 - 3 = 101.9 (63) 4V: 1 - 2 = 66.1 (41), 2 - 3 = 108.6 (67)	
Max. upshift engine speed RPM	2V: 5750 RPM, 4V: 5700 RPM	
Max. kickdown speed - drive range km/h (mph)	2V: 2 - 1 = 44.2 (27), 3 - 2 = 93.1 (58) 4V: 2 - 1 = 53.4 (33), 3 - 2 = 100.3 (62)	
Min. overdrive speed km/h (mph)	Not Applicable	
Torque converter	Type	3 Elements, 1 Stage, 2 Phases
	Torus design	
	Number of elements	3
	Max. ratio at stall	2.40:1
	Type of cooling (air, liquid)	Liquid
	Nominal diameter	245 mm (9.6 in.)
Capacity factor "K"	260	
Pump type	Gear Pump (Involute)	
Lubricant	Capacity refill L (pt.)	5.1 (10.8)
	Type recommended	Dexron II-E
Oil cooler (std., opt., N.A., internal, external, air, liquid)	Radiator	
Trans. mass kg (lbs) & case matl.**	Aluminum, 64.2 (141)	

All Wheel / 4 Wheel Drive (NOT APPLICABLE - 2 WHEEL DRIVE MODELS)

Desc. & type (part-time, full-time, 2/4 shift while moving, mech., elect., chain/gear, etc.)	Part-Time	
Transfer case	Manufacturer and model	Suzuki Motor Corporation
	Type and location	Constant Mesh Helical Gear
Low-range gear ratio	1.82	
System disconnect (describe)	Floor shift	
Center differential	Type (bevel, planetary, w or w/o viscous bias, torsen, etc.)	Not Applicable
	Torque split (% frt/rear)	"

* Input speed / square root of torque.
 ** Dry weight including torque converter. If other, specify.

NOTE: "2V" indicated 2V engine & "4V" indicated 4V engine.

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Axle Ratio and Tooth Combinations		FEDERAL (2 Valve), CALIFORNIA (4 Valve)		
Effec. final drv. ratio (or overall top gear ratio)		Manual: 5.12	Automatic: 4.62 (2V),	4.3 (4V)
Trnsfr ratio and method(chain,gear,etc)		1.00 (High Range), 1.82 (Low Range), Gear		
Front drive unit	Ring gear o.d.	175.75 mm (6.92 in.)		
	No. of teeth	Pinion	8	10
		Ring gear	41	37

Front Drive Unit

Description (integral to trans., etc.)		Differential With Hypoid Gear And Taper Bearing
Limited slip differential (type)		None
Drive pinion	Type	Hypoid Gear
	Offset	23 mm (0.906 in.)
No. of differential pinions		2
Pinion/differential	Adjustment (shim, etc.)	Shim
	Bearing adjustment	Collapsible
Driving wheel bearing (type)		Taper Bearing
Lubricant	Capacity L (pt.)	1.0 (2.1)
	Type recommended	Hypoid Gear Oil GL-5
SAE Viscosity Number		75W-85

Axle Shafts - Front Wheel Drive

Manufacturer and number used		NTN Driveshaft Inc. (NDI)		
Type (straight, solid bar, tubular, etc.)	Left	Solid Bar		
	Right	Solid Bar		
Outer diam. x length ² x wall thickness	Manual transaxle	Left	22 x 310.5 mm (0.87 x 12.22 in.)	
		Right	22 x 305.5 mm (0.87 x 12.03 in.)	
	Automatic transaxle	Left	22 x 310.5 mm (0.87 x 12.22 in.)	
		Right	22 x 305.5 mm (0.87 x 12.03 in.)	
	Optional transaxle	Left	Not Applicable	
		Right	"	
Slip yoke	Type	"		
	Number of teeth	"		
	Spine o.d.	"		
Universal joints	Make and mfg. no.	Inner	NTN Corporation, 2	
		Outer	NTN Corporation, 2	
	Number used		4	
	Type, size, plunge	Inner	Double Offset Joint DOJ82	
		Outer	Rzeppa BJ82	
	Attach (u-bolt, clamp, etc.)		Bolt & Clip	
Bearing	Type (plain, anti-friction)	Anti-Friction		
	Lubrication (fitting, prepack)	Prepacked		
Drive taken through (torque tube, arms or springs)		Lower: Control Arm, Upper: MacPherson Strut		
Torque taken through (torque tube, arms or springs)		Diff Mounting System		

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

NOTE: "2V" indicates 2V engine and "4V" indicates 4V engine.

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Engine Code	

Axle Ratio and Tooth Combinations FEDERAL (2 Valve), CALIFORNIA (4 Valve)

Axle ratio (or overall top gear ratio)		Manual: 5.12	Automatic: 4.62 (2V), 4.3 (4V)	
Ring gear o.d.		190 mm		
No. of teeth	Pinion	8	8	10
	Ring gear	41	37	43

Rear Axle Unit

Description		Differential With Hypoid Gear And Taper Bearings
Limited slip differential (type)		None
Drive pinion	Type	Hypoid Gear
	Offset	27 mm (1.06 in.)
No. of differential pinions		4
Pinion/differential	Adjustment (shim, etc.)	Shim
	Bearing adjustment	Collapsible
Driving wheel bearing (type)		Taper Bearing
Lubricant	Capacity L (pt.)	2.2 (4.6)
	Type recommended	Hypoid Gear Oil GL-5
	SAE Viscosity Number	75W-85

Propeller Shaft - Rear Wheel Drive

Manufacturer Type (straight tube, tube-in-tube, internal-external damper, etc.)		HAMANA PARTS CO., LTD., Straight Tube	
Outer diam. x length* x wall	Manual 4-speed transmission	Not Applicable	
	Manual 5-speed transmission	Not Applicable	
	Manual 6-speed transmission		
thickness	Overdrive	Not Applicable	
	Automatic transmission	Front: 38.1 x 506 x 3.2 mm (1.5 x 19.92 x 0.13 in.) Rear: 50.8 x 722 x 2.3 mm (2.0 x 28.43 x 0.09 in.)	
Inter-mediate bearing	Type (plain, anti-friction)	Not Applicable	
	Lub. (fitting, prepack)	"	
Slip yoke	Type	Involute Serration Hole	
	Number of teeth	26	
	Spline o.d.	27 mm (1.06 in.)	
Universal joints	Make and mfg. no.	Front	KOYO SEIKO CO., LTD.
		Rear	KOYO SEIKO CO., LTD.
	Number used	4	
	Type (ball and trunnion, cross)	Cross Type	
	Rr. attach(u-bolt, clamp, etc)	Flange and Bolts	
Bearing	Type (plain, anti-friction)	Needle Bearing	
	Lubrication (fitting, prepack)	Grease	
Drive taken through (torque tube, arms or springs)		Upper And Lower Arm	
Torque taken through (torque tube, arms or springs)		Engine Mounting System	

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

MVMA Specifications

METRIC (U.S. Customary)

Vehicle Line Geo TRACKER
 Model Year 1994 Issued 9-93 Revised(*) _____

Model Code/Description And/Or
 Engine Code/Description

4WD MODELS	2WD MODELS
------------	------------

Suspension - General Including Electronic Controls

Car leveling	Std./opt./not avail.	Not Applicable	
	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.	Not Applicable	
	Manual/automatic control		
	Number of damping rates		
	Type of actuation (manual/electric motor/air, etc.)		
	s e n s o r s	Lateral acceleration	
		Deceleration	
		Acceleration	
Road surface			
Shock absorber (front & rear)	Type	Front & Rear: Double Action Telescopic	
	Make	Frt: Showa & Sumbury Component Ind., Rr: TOKICO Mfg. Corp. & Monroe Auto Equip.	
	Piston diameter	Ft: 32 mm (1.26 in.), Rr: 25 mm (0.98 in.), Monroe: 25.4 mm (10.0 in.)	
	Rod diameter	Ft: 22 mm (0.87 in.), Rr: 12.5 mm (0.49 in.), Monroe: 12.4 mm (4.88 in.)	

Suspension - Front

Type and description		MacPherson Strut (Separate Coil Spring)	
Travel	Full jounce (define load condition)	100 mm (3.94 in.)	90 mm (3.54 in.)
	Full rebound	60 mm (2.36 in.)	70 mm (2.76 in.)
Spring	Type (coil, leaf, other & matl)	Coil, Steel	
	Insulators (type & matl)	Rubber	
	Size (Leaf: length & width; Coil: design height & i.d.; Bar: length & diameter)	227 x 83 mm (8.93 x 3.27 in.)	220 x 83 mm (8.66 x 3.27 in.)
	Spring rate N/mm (lb./in.)	79.4 (452.8)	
	Rate @ wheel N/mm (lb./in.)	27.4 (156.5)	
Stabilizer	Type (link, linkless, frmless)	Link	
	Material & O.D. bar/tube, wall thickness	Steel Tube, 24.2 mm (0.95 in.), 3.0 mm (0.12 in.)	

Suspension - Rear

Type and description		Rigid Axle With Lower Trailing Arm & Upper A Shape Arm	
Travel	Full jounce (define load condition)	110 mm (4.33 in.)	100 mm (3.94 in.)
	Full rebound	50 mm (1.97 in.)	
Spring	Type (coil, leaf, other & matl)	Coil, Steel	
	Size (Leaf: length & width; Coil: design height & i.d.; Bar: length & diameter)	250 x 83.7 mm (9.84 x 3.3 in.)	238 x 84.1 mm (9.37 x 3.31 in.)
	Spring rate N/mm (lb./in.)	27.4 (156.5)	
	Rate @ wheel N/mm (lb./in.)	27.4 (156.5)	
	Insulators (type & material)	Rubber	
	If leaf	No. of leaves	Not Applicable
Shackle (comp or tens)		"	
Stabilizer	Type (link, linkless, frmless)	"	
	Material & O.D. bar/tube, wall thickness	"	
Track bar (type)		"	

MVMA Specifications

METRIC (U.S. Customary)

Vehicle Line Geo TRACKER
 Model Year 1994 Issued 9-93 Revised(*)

Model Code/Description And/Or
 Engine Code/Description
Brakes - Service

CONVERTIBLE HARDTOP

Description		Hydraulic, Front: Floating Caliper Rear: Leading Trailing Shoe			
Manufacturer and brake type (std., opt., n.a.)	Front (disc or drum)	TOKICO LTD., Disc			
	Rear (disc or drum)	NISSHINBO CO., LTD., Drum			
Valving type(prop, delay, metering, other)		Proportioning			
Power brake (std., opt., n.a.)		Standard			
Booster type(rml, intgrl, vac., hyd., etc.)		Vacuum			
Vacuum	Source (inline, pump, etc.)	Inline (Intake Manifold)			
	Reservoir (volume cu. in.)	Not Applicable			
	Pump-type	"			
Traction Assist	Operational speed range	Not Applicable			
	Type (engine or brake intervention)	"			
Antilock device	Front/rear (std., opt., n.a.)	Rear, Standard			
	Manufacturer	Kelsey-Hayes			
	Type (electronic, mech.)	Electronic			
	Number sensors or circuits	1			
	No. antilock hyd. circuits	1			
	Integral or add-on system	Add-On System			
	Yaw control (yes, no)	No			
Hydraulic power source		Not Applicable			
Effective area sq. cm. (sq. in.) ²		135/287 (21/44)			
Gross Lng area sq. cm. (sq. in.) ^{**} (F/R)		140/287 (22/44)			
Swept area sq. cm. (sq. in.) ^{***} (F/R)		1220/470 (189/73 in.)			
Rotor	Outer working diameter	F/R	290/- mm (11.42/- in.)		
	Inner working diameter	F/R	205/- mm (8.07/- in.)		
	Thickness	F/R	10/- mm (0.39/- in.)		
	Matl & type (vented/sld)	F/R	Cast Iron, Solid/-		
Drum	Diameter & width	F/R	-/220 x 34 mm (-/8.66 x 1.34 in.)		
	Type and material	F/R	-/Cast Iron, Solid		
Wheel cylinder bore		48.1/23.81 mm (1.89/0.94 in.)			
Master cylinder	Bore/stroke	F/R	22.22/31.0 mm (0.87/1.22 in.)		
Pedal arc ratio		4.5:1			
Line pressure at 445 N (100 lb.) pedal load kPa (psi)		9713			
Lining clearance		F/R	Self-Adjusting/Self-Adjusting		
Brake lining	Front wheel	Bonded or riveted		Bonded	
		Rivet size		Not Applicable	
		Manufacturer		NISSHINBO INDUSTRIES, INC.	
		Lining code *****		D6654H	
		Material		Resin Mold	
		****	Pri. or out-brd	99 x 41.5 x 10 mm (3.90 x 1.63 x 0.39 in.)	
		****	Size	99 x 41.5 x 10 mm (3.90 x 1.63 x 0.39 in.)	
	Shoe thckns.(no lng)		5 mm (0.20 in.)		
	Rear wheel	Bonded or riveted		Bonded	
		Manufacturer		JAPAN BRAKE INDUSTRIAL CO., LTD.	
		Lining code *****		JB NL85EE	
		Material		Resin Mold	
		****	Pri. or out-brd	211 x 34 x 5.5 mm (8.31 x 1.34 x 0.22 in.)	
		****	Size	211 x 34 x 5.5 mm (8.31 x 1.34 x 0.22 in.)	
Shoe thckns (no lng)		2.6 mm (0.10 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 circum.)
 (Disc brake: Square of Outer Working Dia. - Square of inner Working Dia. X 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

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 Model Year 1994 Issued 9-93 Revised(*) _____

METRIC (U.S. Customary)

Model Code/Description And/Or
 Engine Code/Description

4WD MODELS	2WD MODELS
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Tires And Wheels (Standard)

Tires	Size (service description)		P205/75R15, M + S	P195/75R15, M + S	
	Type (bias, radial, etc.)		Radial		
	Inflation pressure (cold) for recommended max. vehicle load	Front kPa (psi)	160 (23)		
		Rear kPa (psi)	160 (23)		
	Rev/mile-at 70 km/h(45mph)		760		
Wheels	Type & material		Drop Center, Steel		
	Rim (size & flange type)		15 x 5.5 JJ		
	Wheel offset		25 mm (0.98 in.)		
	Attachment	Type (bolt or stud & nut)	Stud & Lug Nut		
		Circle diameter	139.7 mm (5.50 in.)		
Number & size		5 x M12			
Spare	Tire and wheel		Same Size		
	Storage position & location (describe)		Vertical, Outside Of Back Door		

Tires And Wheels (Optional)

Tire size (service description)	Not Applicable
Type (bias, radial, steel, nylon, etc.)	Not Applicable
Wheel (type & material)	Drop Center, Aluminum Alloy
Rim (size, flange type and offset)	15 x 5.5 JJ, 25 mm
Tire size (service description)	Not Applicable
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)	Not Applicable

Brakes - Parking

Type of control	Lever - Hand Operated	
Location of control	Between Front Seat	
Operates on	Rear Service Brake	
If separate from service brakes	Type (internal or external)	Not Applicable
	Drum diameter	"
	Lining size (length x width x thickness)	"

MVMA Specifications

Vehicle Line Geo TRACKER
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METRIC (U.S. Customary)

Model Code/Description And/Or
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CONVERTIBLE

HARDTOP

Steering

Manual (std., opt., n.a.)		Standard		
Power (std., opt., n.a.)		Optional		
Speed-sensitive (std., opt., n.a.)		Not Applicable		
4-wheel steering (std., opt., n.a.)		Not Applicable		
Adjustable steering wheel/ column (tilt, telescope, other)	Type	Tilt		
	Manufacturer	Douglas Autotech Corp.		
	(std., opt., n.a.)	Optional		
Wheel diameter ** (W9) SAE J1100	Manual	390 mm (15.35 in.)		
	Power	Optional		
Turning diameter m (ft.)	Out-side front	Wall to wall (l. & r.)	10.5 (34.44)	
		Curb to curb (l. & r.)	9.8 (32.15)	
	In-side rear	Wall to wall (l. & r.)	Not Applicable	
		Curb to curb (l. & r.)	"	
Scrub Radius *		12 mm (0.47 in.)		
Manual	Gear	Type	Recirculating Ball	
		Manufacturer	NIPPON SEIKO K.K.	
		Ratios	Gear	18.5 - 21.0 (Variable)
	Overall		21.7	
No. wheel turns(stop to stop)		3.8		
Power	Type (coaxial, elec. hyd., etc.)		Hydraulic	
	Manufacturer		KOYO SEIKO CO., LTD.	
	Gear	Type	Recirculating Ball	
		Ratios	Gear	17.5
			Overall	19.4
	Pump (drive)		Belt	
No. wheel turns(stop to stop)		3.4		
Linkage	Type		Parallel Linkage	
	Location (front or rear of wheels, other)		Front	
	Tie Rods (one or two)		2	
Steering axis	Inclination at camber (deg.)		31	
	Bear-ings (type)	Upper	Ball Bearing	
		Lower	Ball Bearing	
		Thrust	Not Applicable	
Steering spindle/knuckle & joint type		Serrated Shaft		

* The horizontal distance in the front elevation between wheel centerline and kingpin (ball joint) axis at ground.
 ** See Page 22.

MVMA Specifications

Vehicle Line Geo TRACKER
 Model Year 1994 Issued 9-93 Revised(*)

METRIC (U.S. Customary)

Engine Code/Description

1.6 LITER L4 (97 CID)
 ELECTRONIC FUEL INJECTION RPO LS5

Electrical - Supply System

Battery	Manufacturer	DELCO REMY
	Model, std., (opt.)	Standard 26-500
	Voltage	12
	Amps at 0 deg F cold crnk	500
	Minutes-reserve capacity	75
	Amps/hrs. - 20 hr. rate	45
	Location	RH Side Of Engine Compartment
Alternator	Manufacturer	mitsubishi electric corp.
	Rating (idle/max. rpm)	55
	Ratio (alt. crank/rev.)	2.36:1
	Output at idle (rpm, park)	30 (800)
	Optional (type & rating)	Not Applicable
Regulator	Type	Integral With Alternator

Electrical - Starting System

Motor	Manufacturer	MITSUBISHI ELECTRIC CORP.
	Current drain 0 deg C (F)	200 A max.
	Power rating kw (hp)	MT: 1.2 (1.6), AT: 1.4 (1.9)
Motor drive	Engagement type	Positive Shift Solenoid
	Pinion engages from (front, rear)	Front

Electrical - Ignition System

Type	Electronic (std, opt, n.a.)	Not Applicable
	Other (specify)	High Energy Ignition (Integral With Distributor)
Coil	Manufacturer	Mitsubishi Electric Corp.
	Model	J002T01672ZC
	Current	Engine stopped - A 0 Engine idling - A 1.5 max.
Spark plug	Manufacturer	NGK, NIPPON DENSO
	Model	BPR5ES, W16EXR-U
	Thread (mm)	M14 x 1.25
	Tightening torque Newton meters (lb. ft.)	20 - 30 (15 - 22)
	Gap	0.8 mm (0.03 in.)
	Number per cylinder	1
Distributor	Manufacturer	Mitsubishi Electric Corp.
	Model	2V: T002T53471, 4V: T002T53971

Electrical - Suppression

Locations & type	High Tension Cord With Resistor Spark Plug With Resistor
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NOTE: "2V" indicates 2V engine and "4V" indicates 4V engine.

MVMA Specifications

Vehicle Line Geo TRACKER
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METRIC (U.S. Customary)

Model Code/Description	<div style="display: flex; justify-content: space-between;"> CONVERTIBLE HARDTOP </div>
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Body	
Structure	Body With Chassis Frame
Bumper System Front - Rear	Front: Energy Absorption Type By P.P. Foam Rear: P.P. Skin With Steel Core
Anti-Corrosion Treatment	1. Surface Treated Steel Plates 2. Vinyl Chloride Coating (Bottom/Side Of Floor)

Body - Miscellaneous Information

Type of finish (lacquer, enamel, other)	Enamel	
Hood	Material & mass	Steel, 10.8 kg (23.8 lbs.)
	Hinge location (front, rear)	Rear
	Type (counterbalance, prop)	Prop
	Release control (int., ext.)	Internal And External
Trunk lid	Material & mass	Not Applicable
	Type (counterbalance, other)	"
	Internal release control (elec., mech., n.a.)	"
Hatch-back lid	Material & mass	Not Applicable
	Type (counterbalance, other)	"
	Internal release control (elec., mech., n.a.)	"
Tailgate	Material & mass	Steel, 13.8 kg (30.4 lbs.) 22.1 kg (48.7 lbs)
	Type (drop, lift, door)	Door
	Internal release control (elec., mech., n.a.)	Not Applicable
Vent window control (crank, friction, pivot, power)	Front	"
	Rear	Pivot
Window regulator type (cable, tape, flex drive, etc.)	Front	Cable
	Rear	Not Applicable
Seat cushion type (e.g., 60/40, bucket, bench wire, foam, etc.)	Front	Bucket
	Rear	Bench Bucket
	3rd seat	Not Applicable
Seat back type (e.g., 60/40, bucket, bench, wire, foam, etc.)	Front	Bucket
	Rear	Bench Bucket
	3rd seat	Not Applicable

Frame	
Type and description (separate frame, unitized frame, partially-unitized frame)	Separate Frame

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METRIC (U.S. Customary)

Model Code/Description

CONVERTIBLE

HARDTOP

Restraint System

Seating Position		Left	Center	Right
Active	Type & description (lap & shoulder belt, lap belt, etc.)	First seat Lap & Shoulder Belt ELR, Standard		Lap & Shoulder Belt ELR-ALR, Standard
		Second seat Lap & Shoulder Belt ELR-ALR, Standard		Lap & Shoulder Belt ELR-ALR, Standard
	Standard/ optional	Third seat		
Passive	Type & description (air bag, motorized-2-point belt, fixed belt, knee bolster, manual-lap belt)	First seat		
		Second seat		
	Standard/ optional	Third seat		

	SAE Ref No		
Glass			
Windshield glass exposed surface area sq. cm. (sq. in.)	S1	8,315 (1,288)	
Side glass exposed surface area sq. cm. (sq. in.) - total 2- sides	S2	8,540 (1,324)	17,040 (2,641)
Backlight glass exposed surface area sq. cm. (sq. in.)	S3	Not Applicable	5,472 (848)
Total glass exposed surface area sq. cm. (sq. in.)	S4	16,855 (2,612)	30,827 (4,777)
Windshield glass (type/thickness)		Laminated Glass, 4.76 mm (0.19 in.)	
Side glass (type/thickness)		Tempered Glass, 3.5 mm (0.14 in.)	
Backlight glass (type/thickness)		Tempered Glass, 3.1 mm (0.12 in.)	
Tinted (yes/no, location)		Yes - Windshield Glass, Side Glass, Backlight Glass	
Solar control (yes/no, coated/batched, location)		No	

Headlamps

Description - sealed beam, halogen, replaceable bulb, etc.	Halogen, Replaceable Bulb
Shape	Composite
Lo-beam type (2A1, 2B1, 2C1, etc.)	
Quantity	2
Hi-beam type (1A1, 2A1, 1C1, 2C1, etc.)	
Quantity	2

MVMA Specifications

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METRIC (U.S. Customary)

Engine Code/Description

CONVERTIBLE

HARDTOP

Climate Control System

Air conditioning (std., opt., man., auto.)		Optional, Manual
Condenser	Type	Corrugated Fin
	Eff. face area (sq. mm.)	154,405
	Fins per inch	11.2
Evaporator	Type	Single Tank Laminated
	Eff. face area (sq. mm.)	40,300
	Fins per inch	14.5
Heater Core	Material	Copper
	Eff. face area (sq. mm.)	19,670
	Fins per inch	23.6
Compressor	Type	Swash
	Displacement (cc)	99.8
	Manufacturer	SANDEN Co.
	A/C pulley ratio	TBD
Accumulator	Type	Not Applicable
	Height (mm.)	"
	Diameter (mm.)	"
Receiver	Type	Dryer, Sight Glass, Safety Device
	Height (mm.)	187
	Diameter (mm.)	80
Refrigerant control (CCOT, TVS, etc.)		Thermostatic Expansion Valve
Heater water valve (yes / no)		No
Refrigerant (R - 12, R - 134a, etc.)		R-134a
Charge level (lbs. - oz.)		1.32 lbs.
Cold engine lockout switch (yes / no)		No
Wide open throttle cutout switch (yes / no)		No

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Model Code/Description

CONVERTIBLE

HARDTOP

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

	Clock (digital, analog)	Optional, Digital, Integral With Radio
	Compass / thermometer	Not Applicable
	Console (floor, overhead)	Standard, Floor (4WD Models)
	Defroster, electric windshield	Not Applicable
	Defroster, electric backlight	Not Applicable Optional
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)	Standard, Map Lamp 1
	Door lock, ignition	Not Applicable
	Engine compartment	"
	Fog	"
	Glove compartment	"
	Trunk	"
	Illuminated entry system (list lamps, activation)	"
	Other	"
Mirrors	Day / night (auto, man.)	Standard, Manual
	L.H. (remote, pwr., heated)	Standard, Manual
	R.H. (convex, rmt, pwr, htd)	Standard, Convex
	Visor vanity (RH/LH illum.)	Not Applicable
	Navigation system (describe)	"
	Prkg. brake-auto release (warn. light)	"

MVMA Specifications

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 Model Year 1994 Issued 9-93 Revised(*)

METRIC (U.S. Customary)

Model Code/Description

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

Power equipment	Deck lid(release, pull down)		Not Applicable
	Door locks (manual, auto., describe system)		"
	Seats	2 - 4 - 6 way, etc.	"
		Reclining(R.H., L.H.)	"
		Memory (R.H., L.H., preset, recline)	"
		Support (lumbar, hip, thigh, etc.)	"
		Heated (R.H., L.H., other)	"
	Side windows		"
	Vent windows		"
	Rear windows		"
Radio systems	Antenna (location, whip, w/shield, power)		Left Front Pillar, Whip
	Stan.	AM, FM, stereo, tape, compact disc, graphic equalizer, theft deterrent, radio prep package, headphone jacks, etc.	Antenna Only
	Opt.		AM/FM, ETR, Stereo
			AM/FM, ETR, Stereo With Cassette Tape Deck AM/FM, ETR, Stereo With Cassette Tape Deck & CD
	Speaker (number, location)		Opt, 2: I.P. Mounted, 2: Rear Quarter Trim
Roof: open air or fixed (flip-up, sliding, 'T')			Canvas, Flip-up Not Applicable
Speed control device			Not Applicable
Speed warn. dev. (light, buzzer, etc.)			"
Tachometer (rpm)			Standard
Telephone system (describe)			Not Applicable
Theft deterrent system			Steering Lock - Type

Trailer Towing

Towing capable	Yes / No	Yes
Engine/transmission/axle	Std / Opt	Standard
Tow class (I, II, III)*	Std / Opt	I, Optional
Max. gross trailer wgt. (lbs.)	Std / Opt	1,000
Max. trailer tongue load (lbs.)	Std / Opt	100
Towing package available	Yes / No	Yes

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

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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 of each vehicle line. SAE Ref. no. refers to the definition published in SAE Recommended Practice J1100 'Motor Vehicle Dimensions,' unless otherwise specified.

Model Code/Description

CONVERTIBLE

HARDTOP

Width	SAE Ref. No.	
Tread (front)	W101	1,395 (54.92)
Tread (rear)	W102	1,400 (55.12)
Vehicle width	W103	1,630 (64.17)
Body width at Sg RP (front)	W117	1,568 (61.65)
Vehicle width (front doors open)	W120	3,450 (135.83)
Vehicle width (rear doors open)	W121	Not Applicable
Tumble-home (deg.)	W122	15.5
Outside mirror width	W410	1,820 (71.65)

Length	SAE Ref. No.	
Wheelbase	L101	2,200 (86.61)
Vehicle length	L103	3,620 (142.52)
Overhang (front)	L104	655 (25.78)
Overhang (rear)	L105	765 (30.12)
Upper structure length	L123	2,285 (89.96) 2,301 (90.59)
Rear wheel C/L 'X' coordinate	L127	1,840 (72.44)

Height **	SAE Ref. No.	
Passenger distribution (front/rear)	PD1,2,3	2/2 **
Trunk/cargo load		1,595 (62.79) **
Vehicle height	H101	4WD: 1,654 (65.12), 2WD: 1,633 (64.29)
Cowl point to ground	H114	4WD: 1,103 (43.43), 2WD: 1,083 (42.64)
Deck point to ground	H138	---
Rocker panel-front to ground	H112	4WD: 292 (11.50), 2WD: 272 (10.71)
Rocker panel-rear to ground	H111	4WD: 309 (12.17), 2WD: 289 (11.38)
Windshield slope angle (deg.)	H122	45.0
Backlight slope angle (deg.)	H121	26 15

Ground Clearance **	SAE Ref. No.	
Front bumper to ground	H102	4WD: 327 (12.87), 2WD: 307 (12.09)
Rear bumper to ground	H104	4WD: 325 (12.80) 332 (13.07) 2WD: 305 (12.01)
Bumper to ground front at curb mass (wt.)	H103	4WD: 333 (13.11), 2WD: 314 (12.36)
Bumper to ground rear at curb mass (wt.)	H105	4WD: 342 (13.46), 2WD: 315 (12.40)
Angle of approach (deg.)	H106	4WD: 40, 2WD: 37
Angle of departure (deg.)	H107	4WD: 40, 2WD: 38
Ramp breakover angle (deg.)	H147	4WD: 23, 2WD: 21
Axle differential to ground (front/rear)	H153	4WD: 215/200 (8.46/7.87), 2WD: 193 (7.60)
Min. running ground clearance	H156	4WD: 200 (7.87), 2WD: 193 (7.60)
Location of min. run. grd. clear.		Rear Differential

** 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 Weigh Three Pounds Or More And Which Are Sold On At Least 33% Of The Car Line, Plus Two Occupants.

All Linear Dimensions Are in Millimeters (Inches)

MVMA Specifications

Vehicle Line Geo TRACKER
 Model Year 1994 Issued 9-93 Revised(*)

METRIC (U.S. Customary) Vehicle Dimensions

See Key Sheets for Definitions

Model Code/Description

CONVERTIBLE

HARDTOP

Front Compartment

SAE Ref. No.

SgRP front, 'X' coordinate	L31	1,085 (42.71)
Effective head room	H81	1,004 (38.53) 1,017 (40.04)
Max. eff. leg room (accelerator)	L34	1,069 (42.09)
SgRP to heel point	H30	325 (12.80)
SgRP to heel point	L53	820 (32.28)
Back angle (deg.)	L40	20
Hip angle (deg.)	L42	95.5
Knee angle (deg.)	L44	122
Foot angle (deg.)	L46	80
Design H-point front travel	L17	180 (7.09)
Normal driving & riding seat track trvl.	L23	180 (7.09)
Shoulder room	W3	STD: 1,325 (52.17), LSi: 1,310 (51.57)
Hip room	W5	STD: 1,316 (51.81), LSi: 1,310 (51.57)
** Upper body opening to ground	H50	4WD: 1,573 (61.93), 2WD: 1,553 (61.14)
Steering wheel maximum diameter*	W9	390 (15.35)
Steering wheel angle (deg.)	H18	31
Accel. heel pt. to steer. whl. cntr	L11	337 (13.27)
Accel. heel pt. to steer. whl. cntr	H17	715 (28.15)
Undepressed floor covering thickness	H87	15 (0.59)

Front Compartment Int. Dim. Are Measured With The Seating Ref. Pt.
 (SgRP) 0 mm Forward And 0 mm Upward of Rearmost Position.

Rear Compartment

SgRP point couple distance	L50	700 (27.56)
Effective head room	H83	990 (38.27) 967 (38.08)
Min. effective leg room	L51	804 (31.65)
SgRP (second to heel)	H31	385 (15.16)
Knee clearance	L48	101 (3.98)
Shoulder room	W4	1,275 (50.20)
Hip room	W6	1,064 (41.89)
** Upper body opening to ground	H51	Not Applicable
Back angle (deg.)	L41	20
Hip angle (deg.)	L43	92
Knee angle (deg.)	L45	80
Foot angle (deg.)	L47	98
Depressed floor covering thickness	H73	15 (0.59)

Luggage Compartment

Usable luggage capacity L (cu. ft.)	V1	Not Applicable
* Lifter height	H195	687 (27.05)

Interior Volumes (EPA Classification)

Vehicle class		Special Purpose Vehicle
Interior volume index (cu. ft.)*		117.3
Trunk / cargo index (cu. ft.)		32.8

* See page 14.

** Includes passenger and trunk / cargo index - see definition page 32.

*** EPA Loaded Vehicle Weight, Loading Conditions

All Linear Dimensions Are In Millimeters (Inches)

MVMA Specifications

Vehicle Line Geo TRACKER
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METRIC (U.S. Customary) Vehicle Dimensions

See Key Sheets for Definitions

Model Code/Description

CONVERTIBLE

HARDTOP

Station Wagon / MPV** - Third Seat

SAE Ref. No. (NOT APPLICABLE)

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 (deg.)	L88	
Hip angle (deg.)	L89	
Knee angle (deg.)	L90	
Foot angle (deg.)	L91	

Station Wagon / MPV** Cargo Space

Cargo length (open front)	L200	---	
Cargo length (open second)	L201	---	
Cargo length (closed front)	L202	STD: 793(31.22) LSi: 787(30.98)	STD: 788(31.02) LSi: 782(30.78)
Cargo length (closed second)	L203	STD: 320(12.60) LSi: 316(12.44)	STD: 315(12.40) LSi: 311(12.24)
Cargo length at belt (front)	L204	STD: 707(27.83) LSi: 662(26.06)	STD: 702(27.63) LSi: 657(25.86)
Cargo length at belt (second)	L205	STD: 196(7.71) LSi: 178(7.01)	STD: 191(7.51) LSi: 173(6.81)
Cargo width (wheelhouse)	W201	1,060 (41.73)	
Rear opening width at floor	W203	1,110 (43.70)	
Opening width at belt	W204	1,112 (43.78)	
Min. rear opening width above belt	W205	900 (35.43)	935 (36.8)
Cargo height	H201	1,010 (39.76)	
Rear opening height	H202	870 (32.25)	
Tailgate to ground height	H250	4WD: 690 (27.17), 2WD: 670 (26.38)	
Front seat back to load floor height	H197	750 (29.53)	
Cargo volume index cu. m. (cu. ft.)	V2	0.91 (32.13)	0.904 (31.92)
Hidden cargo vol. index cu. m. (cu. ft.)	V4	Not Applicable	
Cargo volume index-rear of 2-seat	V10	0.23 (8.11)	
Cargo volume index**	V8	832 liters	
Cargo width at floor**	W500	1,280 (50.39)	
Maximum cargo height**	H505	1030 (40.55)	

Hatchback - Cargo Space

(NOT APPLICABLE)

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

* EPA Loaded Vehicle Weight, Loading Conditions

** MPV - Multipurpose Vehicle

All Linear Dimensions Are in Millimeters (Inches)

MVMA Specifications

Vehicle Line Geo TRACKER
 Model Year 1994 Issued 9-93 Revised(*)

METRIC (U.S. Customary)

Model Code/ Description	CONVERTIBLE	HARDTOP
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Vehicle Fiducial Marks

Fiducial Mark Number*	Define Coordinate Location
Front	Front: Center Of 20 mm Dia. Hole On "Side Frame Center".
Rear	Rear: Center Of 17 mm Dia. Hole On "Reinforcement Side Frame Center End".
NOTE: Provide 3 of 4 Fiducial Mark Locations	
Front	W21** 373/-373 (14.69/-14.69)
	L54** -58 (-2.28)
	H81** -67 (-2.64)
	*** H181** 218 (8.58)
	*** H183** 207 (8.15)
Rear	W22** 405/-405 (15.94/-15.94)
	L55** 1,560 (61.42)
	H82** -20 (-0.79)
	*** H182** 265 (10.43)
	*** H184** 247 (9.72)

* Reference - SAE Recommended Practice, J182, Motor Vehicle Fiducial Marks.

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

*** EPA Loaded Vehicle Weight, Loading Conditions

All Linear Dimensions Are in Millimeters (Inches)

