MANUFACTURERS MOTOR VEHICLE SPECIFICATIONS

METRIC(U.S. Customary)

Passenger Car

1987

Manufacturer	Car Line	
Mitsubishi Motors Corporation	Dodge RAM 50	
Mailing Address 33-8, Shiba 5-Chome, Minato-ku, Tokyo, 108, Japan	Issued 3-1-1986	Revised

Questions concerning these specifications should be directed to the manufacturer whose address is shown above.

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

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Motor Vehicle Manufacturers Association
of the United States, Inc.

MVMA-C-87

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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 completion and are subject to change without notice by the manufacturer.
4. Additional Car and Body Dimensions (based in part on SAE J1100 "Motor Vehicle Dimensions") may be available from the manufacturer.

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Car Models

Model Description & Drive (FWD, RWD)	Introduction Date	Make, Car Line, Series, Body Type (Mfgr's Model Code)	No. of Designated Seating Positions (Front, Rear)	Max. Trunk Cargo Load—Kilograms (Pounds)
PICK-UP TRUCK (RWD)		K02TUNSL 2/7 K02TUESL 2/7	3 3	475 (1050)
		K03TUNUL 2/7	2	545 (1200)
		K03TUEUL 2/7	3	475 (1050)
		K13TUNSL 2/7	3	475 (1050) 2000 lbs PKG 705 (1550)
		K13TUESL 2/7 K13TUNJL 2/7 K13TUEJL 2/7	3 3 3	475 (1050)

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Power Teams (Indicate whether standard or optional)
SAE J1349 Net bhp (brake horsepower) and net torque corrected to 77°F 25° C and 29.61 in. Hg/100 kPa atmospheric pressure.

SERIES AVAILABILITY	ENGINE					Exhaust S D	TRANSMISSION/ TRANSAXLE	AXLE RATIO (std. first)
	Displ. Liters (in³)	Carb. (Barrels, FI, etc.)	Compr. Ratio	SAE Net at RPM: Power kW (bhp)	SAE Net at RPM: Torque N • m (lb. ft.)			
K03T Series K13T	2.555 (156)	1 • 2B	8.7	81 (109) at 5000	193 (142) at 3000	D	Manual 5-Speed Automatic 4-Speed	3.545
K02T Series	1.997	1 • 2B	8.5	67 (90) at 5500	148 (109) at 3500	D	Manual 5-Speed Automatic 4-Speed	3.909
K13T Series	2.555	1 • 2B	8.7	81 (109) at 5000	193 (142) at 3000	D	Manual 5-Speed	4.222

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Engine Description/Carb. Engine Code	G63B (1.997 Liters)	
	MT*	AT*

ENGINE – GENERAL

Type & description (inline, V, angle, flat, location, front, mid, rear, transverse, longitudinal, sohc, dohc, ohv, hemi, wedge, pre-camber, etc.)		In line Front Longitudinal	
Manufacturer		MMC	
No. of cylinders		4	
Bore		85	
Stroke		88	
Bore spacing (C / L to C / L)		93	
Cylinder block material & mass kg (lbs.) (machined)		Cast iron, 36.5 (80.5)	
Cylinder block deck height		229	
Cylinder block length		401	
Deck clearance (minimum) (above or below block)		0	
Cylinder head material & mass kg (lbs.)		Aluminum alloy 8.0 (17.6)	
Cylinder head volume (cm^3)		51.0	
Cylinder liner material		N.A.	
Head gasket thickness (compressed)		1.25	
Minimum combustion chamber total volume (cm^3)		66.6	
Cyl. no. system (front to rear)*	L. Bank	N.A.	
	R. Bank	N.A.	
Firing order		1 - 3 - 4 - 2	
Intake manifold material & mass [kg (lbs.)]**		Aluminum alloy, 2.8 (6.2)	
Exhaust manifold material & mass [kg (lbs.)]**		Cast iron, 6.5 (14.3)	
Recommended fuel (leaded, unleaded, diesel)		Unleaded	
Fuel antiknock index $\frac{(R+M)}{2}$		RON 91 (minimum)	
Total dressed engine mass (wt) dry***		135.5	130.5

Engine – Pistons

Material & mass, g (weight, oz.) - piston only	Aluminum alloy, 350 (12)

Engine – Camshaft

Location		Center of IN. and EX. valve on cylinder-head
Material & mass kg (weight, lbs.)		Cast iron, 2.8 (6.2)
Drive type	Chain / belt	Belt
	Width / pitch	19.1 / 9.525

* 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:

* MT : Manual Transmission

** AT : Automatic Transmission

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Engine Description/Carb. Engine Code	G54B (2.555 Liters)	
	MT*	AT**

ENGINE – GENERAL

Type & description (inline, V, angle, flat, location, front, mid, rear, transverse, longitudinal, sohc, dohc, ohv, hemi, wedge, pre-camber, etc.)		In line Front Longitudinal	
Manufacturer		MMC	
No. of cylinders		4	
Bore		91.1	
Stroke		98	
Bore spacing (C / L to C / L)		101	
Cylinder block material & mass kg (lbs.) (machined)		Cast iron, 48.5 (106.9)	
Cylinder block deck height		251	
Cylinder block length		439	
Deck clearance (minimum) (above or below block)		Above 0.3	
Cylinder head material & mass kg (lbs.)		Aluminum alloy, 10.0 (22.0)	
Cylinder head volume (cm^3)		75.2	
Cylinder liner material		N.A.	
Head gasket thickness (compressed)		1.25	
Minimum combustion chamber total volume (cm^3)		83.0	
Cyl. no. system (front to rear)*	L. Bank	N.A.	
	R. Bank	N.A.	
Firing order		1 - 3 - 4 - 2	
Intake manifold material & mass [kg (lbs.)]**		Aluminum alloy, 3.0 (6.6)	
Exhaust manifold material & mass [kg (lbs.)]**		Cast iron, 7 (15.5)	
Recommended fuel (leaded, unleaded, diesel)		Unleaded	
Fuel antiknock index $\frac{(R+M)}{2}$		RON 91 (minimum)	
Total dressed engine mass (wt) dry***		165.5	156

Engine – Pistons

Material & mass, g (weight, oz.) - piston only	Aluminum alloy, 468 (16.5)

Engine – Camshaft

Location		Center of IN. and EX. valve on cylinder-head
Material & mass kg (weight, lbs.)		Cast iron, 2.8 (6.2)
Drive type	Chain / belt	Chain
	Width / pitch	23.3 / 9.525

* 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:

* MT : Manual Transmission

** AT : Automatic Transmission

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Engine Description/Carb. Engine Code	G63B (1.997 Liters)

Engine – Valve System

Hydraulic lifters (std., opt., NA)		Std.
Valves	Number intake / exhaust	4 / 4
	Head O.D. intake / exhaust	43 / 35

Engine – Connecting Rods

Material & mass [kg., (weight, lbs.)]*	Drop-forged steel, 0.690 (1.52)

Engine – Crankshaft

Material & mass [kg., (weight, lbs.)]*		Drop-forged steel, 17.2 (38)
End thrust taken by bearing (no.)		3
Number of main bearings		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]	340 (49.3) at 2000
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 (3.1)

Engine – Diesel Information

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

Turbo charger - manufacturer	N.A.
Super charger - manufacturer	N.A.
Charge cooler	N.A.

*Finished State

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Engine Description/Carb. Engine Code	G54B (2.555 Liters)

Engine – Valve System

Hydraulic lifters (std., opt., NA)		Std.
Valves	Number intake / exhaust	4 / 4
	Head O.D. intake / exhaust	46 / 38

Engine – Connecting Rods

Material & mass [kg., (weight, lbs.)]*	Drop-forged steel, 0.81 (1.8)

Engine – Crankshaft

Material & mass (kg., (weight, lbs.))*		Drop-forged steel, 17.5 (38.6)
End thrust taken by bearing (no.)		3
Number of main bearings		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)	390 (56.5) at 2000
Type oil intake (floating, stationary)	Stationary
Oil filter system (full flow, part, other)	Full flow
Capacity of c/case, less filter-refill-L (qt.)	3.8 (3.3)

Engine – Diesel Information

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

Turbo charger - manufacturer	–
Super charger - manufacturer	–
Charge cooler	–

*Finished State

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Engine Description/Carb. Engine Code	G63B (1.997 Liters)		G54B (2.555 Liters)	
	M/T	A/T	M/T	A/T

Engine – Cooling System

Coolant recovery system (std., opt., n.a.)		With condenser tank (Std.)			
Coolant fill location (rad., bottle)		Radiator & condenser tank			
Radiator cap relief valve pressure [kPa (psi)]		88 (12.8)			
Circulation thermostat	Type (choke, bypass)	Choke pellet			
	Starts to open at °C (°F)	88 (190.4)			
Water pump	Type (centrifugal, other)	Centrifugal			
	GPM 1000 pump rpm	–			
	Number of pumps	1			
	Drive (V-belt, other)	V - belt			
	Bearing type	Ball, integral shaft permanentary sealed			
	Impeller material	Cold-rolled carbon steel sheet			
	Housing material	Aluminum die casting			
By-pass recirculation (type (inter., ext.))		External			
Cooling system capacity	With heater–L(qt.)	6.8 (7.2)	6.7 (7.1)	7.1 (7.5)	7.0 (7.4)
	With air cond.–L(qt.)	6.8 (7.2)	6.7 (7.1)	7.1 (7.5)	7.0 (7.4)
	Opt. equipment (specify–L(qt.))	–			
Water jackets full length of cyl. (yes, no)		Yes			
Water all around cylinder (yes, no)		No			
Water jackets open at head face (yes, no)		Yes			
Radiator core	Std., A/C, HD	Std.			
	Type (cross-flow, etc.)	Down-flow			
	Construction (fin & tube mechanical, braze, etc.)	Braze			
		Tube : brass		fin : copper	
	Material, mass (kg (wgt. lbs.))	3.68 (8.1)	4.15 (9.1)	5.00 (11.0)	5.35 (11.8) *1
	Width (mm)	490		600	
	Height (mm)	400			
	Thickness (mm)	16			
	Fins per inch	16.9			
Radiator end tank material		Brass			
Fan	Std., elec., opt.	Std.			
	Number of blades & type (flex, solid, material)	7 - Uneven			
	Diameter & projected width	380		410	
	Ratio (fan to crankshaft rev.)	1.1 : 1			
	Fan cutout type	Thermo-hydraulic coupling			
	Drive type (direct, remote)	V-belt direct			
	RPM at idle (elec.)	–			
	Motor rating (wattage) (elec.)	–			
	Motor switch (type & location) (elec.)	–			
	Switch point (temp., pressure) (elec.)	–			
	Fan shroud (material)	–			

*1 Tube : Brass, fin : copper

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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.			Carburetor	
Manufacturer			Mikuni Co.,Ltd. 32-35 DID EF	
Carburetor	Choke (type)		Automatic	
	Idle spd.-rpm (spec. neutral or drive and propane if used)	Manual	700 (Up to 300 mile), 750 (After 300 mile)	725 (Up to 300mile), 800(After 300mile)
		Automatic	700 (Up to 300 mile), 750 (After 300 mile)	725 (Up to 300mile), 800(After 300mile)
Idle A/F mix.			14.7	
Fuel injection	Point of injection (no.)		N.A.	
	Constant, pulse, flow		N.A.	
	Control (electronic, mech.)		N.A.	
	System pressure [kPa (psi)]		N.A.	
Intake manifold heat control (exhaust or water thermostatic or fixed)			Water thermostatic	
Air cleaner type	Standard		Dry, Non-woven cloth	
	Optional		N.A.	
Fuel pump	Type (elec. or mech.)		Mechanical	
	Location (eng., tank)		Eraine	
	Pressure range [kPa (psi)]		18 to 26 (2.7 to 3.7)	19 to 30 (2.8 to 4.3)

Fuel Tank

Capacity [refill L (gallons)]		K02T, K03T.;52.0 (13.7), K13T;69.0 (18.2)
Location (describe)		Left rear side frame
Attachment		Bolt & nut
Material & Mass [kg (weight lbs)]		K02T, K03T.;Steel, 10.4 (23.8) K13T;Steel, 12.6 (27.8)
Filler pipe	Location & material	Left side panel of rear body, 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.	N.A.
	Capacity [L (gallons)]	–
	Location & material	–
	Attachment	–
Auxiliary tank	Opt., n.a.	N.A.
	Capacity [L (gallons)]	–
	Location & material	–
	Attachment	–
	Selector switch or valve	–
	Separate fill	–

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	for 49-State	for California	for 49-State	for California

Vehicle Emission Control

Exhaust Emission Control	Type (air injection, engine modifications, other)		Exhaust gas recirculation. Catalytic converter and Air induction.
	Air Injection	Pump or pulse	Pulse
		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)	Controlled flow
		Exhaust source	Exhaust port No.2
		Point of exhaust injection (spacer, carburetor, manifold, other)	Intake manifold
	Catalytic Converter	Type	Three-way
		Number of	1
		Location(s)	Under floor
		Volume (L (in^3))	1.7 (104)
		Substrate type	Monolith
Crankcase Emission Control	Type (ventilates to atmosphere, induction system, other)		Induction system
	Energy source (manifold vacuum, carburetor, other)		Intake manifold vacuum
	Discharges (to intake manifold, other)		To intake manifold
	Air inlet (breather cap, other)		Air cleaner
Evaporative Emission Control	Vapor vented to (crankcase, canister, other)	Fuel tank	Canister
		Carburetor	Canister
	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 with cross-over
Muffler no. & type (reverse flow, straight thru, separate resonator) Material & Mass [kg (weight lbs)]		One (Reverse flow) Aluminized steel, 6.5kg (14.3 lb)
Resonator no. & type		One (Straight flow), Aluminized steel, 1.6kg (3.5 lb)
Exhaust pipe	Branch o.d., wall thickness	42.7 x 1.6 (DUAL)
	Main o.d., wall thickness	48.6 x 2.0 (mm)
	Material & Mass [kg (weight lbs)]	Aluminized steel tube / 3.4kg (7.45 lb)
Intermediate pipe	o.d. & wall thickness	48.6 x 1.6 (mm)
	Material & Mass [kg (weight lbs)]	Aluminized steel tube 2.15kg (4.7 lb)
Tail pipe	o.d. & wall thickness	45 x 1.6 (mm)
	Material & Mass [kg (weight lbs)]	Aluminized steel, 3.2kg (7.0 lb)

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Engine Description/Carb. Engine Code	G63B (1.997 Liters)	G54B (2.555 Liters)

Transmissions/Transaxle

Manual 3-speed (std., opt., n.a.) (mfr.)	N.A.
Manual 4-speed (std., opt., n.a.) (mfr.)	N.A.
Manual 5-speed (std., opt., n.a.) (mfr.)	Std. MMC
Manual overdrive (std., opt., n.a.) (mfr.)	N.A.
Automatic (std., opt., n.a.) (mfr.)	N.A.
Automatic overdrive (std., opt., n.a.) (mfr.)	Std. AISIN-WARNER

Manual Transmission/Transaxle

Number of forward speeds			5
Transmission ratios	In first		3.967
	In second		2.136
	In third		1.360
	In fourth		1.000
	In fifth		0.856
	In overdrive		–
	In reverse		3.578
Synchronous meshing (specify gears)			1, 2, 3, 4, 5
Shift lever location			Floor
Lubricant	Capacity [L (pt.)]		2.3 (4.9)
	Type recommended		Multipurpose gear oil conforming to API GL-4
	SAE viscosity number	Summer	SAE 80W, 75W-85W
		Winter	SAE 80W, 75W-85W
		Extreme cold	SAE 80W, 75W-85W

Clutch (Manual Transmission)

Make, type, engagement (describe) – (hydraulic, cable, rod)		Daikin Manufacturing Co.,Ltd. dry single plate type (Cable)		
Assist (yes, no, percent)		No		
Type pressure plate springs		Diaphragm		
Total spring load [N (lb.)]		3677 (827)	4511 (1014)	
No. of clutch driven discs		One		
Clutch facing	Material	Woven Asbestos		
	Manufacturer	Hitachi Chemical Co.,Ltd.		
	Part number	None		
	Rivets/plate	16		
	Rivet size	4		(mm)
	Outside & inside dia.	215 x 140	225 x 150	(mm)
	Total eff. area [cm^2 ($in.^2$)]	418 (64.8)	442 (68.5)	
	Thickness	3.5		(mm)
	Engagement cushion method	Flat-wave springs		
Release bearing	Type & method of lubrication	Ball bearing, permanently lubricated		
Torsional damping	Method: springs, friction material	Coil springs and friction washers		

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	5MT	AT	5MT, AT	5MT (OPT)

Automatic Transmission/Transaxle

Trade name		AISIN-WARNER AW372		
Type and special features (describe)		Torque converter with automatically operated planetary gear transmission		
Selector	Location	Lever : Steering column mounted		
	Ltr. No. designation	P.R.N, D,2,L/6		
Gear ratios	1st	2.826		
	2nd	1.493		
	3rd	1.000		
	4th	0.688		
	Reverse	2.703		
Max. upshift speed - drive range [km/h (mph)]		110 (69)	114 (71)	
Max. kickdown speed - drive range [km/h (mph)]		99 (62)	106 (66)	
Min. overdrive speed [km/h (mph)]		26 (16)	28 (18)	
Torque converter	Number of elements	Three		
	Max. ratio at stall	2.10		
	Type of cooling (air, liquid)	Liquid		
	Nominal diameter	248		
Lubricant	Capacity [refill L (pt.)]	6.8 (14.4)		
	Type Recommended	DEXRON or DEXRON II automatic transmission fluid		
Oil cooler (std., opt., NA, internal, external, air, liquid)		Std. External liquid		

Axle or Front Wheel Drive Unit

Type (front, rear)		Rear	
Description		Separable	
Limited slip differential (type)		N.A.	
Drive pinion offset		30	(mm)
Drive pinion (type)		Hypoid	
No. of differential pinions		2	
Pinion / differential adjustment (shim, other)		Shim	
Pinion / differential bearing adjustment (shim, other)		Shim	
Driving wheel bearing (type)		Taper roller	
Lubricant	Capacity [L (pt.)]	1.3 (2.77)	
	Type recommended	Multipurpose gear oil, conforming to API GL-4 or GL-5	
	SAE viscosity number — Summer	SAE 90, 85W-90, 80W-90 (Above -10°F)	
	SAE viscosity number — Winter	SAE 80W, 80W-90 (As low as -30°F)	
	SAE viscosity number — Extreme cold	SAE 75W (Below -30°F)	

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

Axle ratio (or overall top gear ratio)		3.909	3.909	3.545	4.222
No. of teeth	Pinion	11	11	11	9
	Ring gear or gear	43	43	39	38
Ring gear o.d.		201	201	201	201
Transaxle	Transfer gear ratio	-			
	Final drive ratio	-			

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	5MT	AT	5MT	AT

Propeller Shaft – Rear Wheel Drive				Std.	LONG	Std.	LONG
Manufacturer Type (straight tube, tube-in-tube, internal-external damper, etc.)				MMC, Straight tube			
Outer diam. x length* x wall thickness	Manual 3-speed trans.			–			
	Manual 4-speed trans.			–			
	Manual 5-speed trans.			82.6x1389x1.8		82.6x1387 x1.8	F75x753x1.6 R75x916x1.6 (mm)
	Overdrive			–			
	Automatic transmission				75x1229x1.6		75x1229 x1.6 F65X585x1.6 R65x927x1.6(mm)
Inter-mediate bearing	Type (plain, anti-friction)					Anti-friction (Ball bearing)	Anti-friction (Ball bearing)
	Lubrication (fitting, prepack)					Prepack	Prepack
Slip yoke	Type			Sliding yoke			
	Number of teeth			23 (24 Indexed)	25 (26 Indexed)	23 (24 Indexed)	25 (26 Indexed)
	Spline o.d.			27.3	29.3	27.3	29.3
Universal joints	Make and mfg. no.		Front	MMC (Bearing : Koyo Seiko Co.,Ltd.)			
			Rear	MMC (Bearing : Koyo Seiko Co.,Ltd.)			
	Number used			2	3	2	3
	Type (ball and trunnion, cross)			Cross			
	Rear attach (u-bolt, clamp, etc.)			Clamp (Snap ring)			
	Bearing	Type (plain, anti-friction)		Anti-friction			
		Lubrication (fitting, prepack)		Prepack			
Drive taken through (torque tube, arms or springs)				Leaf spring			
Torque taken through (torque tube, arms or springs)				Leaf spring			

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

MVMA Specifications Form
Passenger Car

METRIC (U.S. Customary)

Car Line Dodge RAM 50
Model Year 1987 Issued 3-1-1986 Revised (•) 7/23/86

Body Type And/Or Engine Displacement	K02T	K03T, K13T

Suspension – General

Car leveling	Std./opt./n.a.	N.A.
	Type (air, hyd., etc.)	–
	Manual/auto. controlled	–
Provision for brake dip control		N.A.
Provision for accl. squat control		N.A.
Provisions for car jacking		None
Shock absorber (front & rear)	Type	Telescopic type
	Make	Kayaba Industry Co.,Ltd.
	Piston diameter	25 (mm)
	Rod diameter	12.5 (mm)

Suspension – Front

Type and description		Independent Double-Wishbone type	
Travel	Full jounce	100 (mm)	
	Full rebound	65 (mm)	
Spring	Type (coil, leaf, other) & material	Coil, SAE 9254	
	Insulators (type & material)	N.A.	
	Size (coil design height & i.d., bar length x dia.)	L.H.--297 ; 86.7 R.H.--287 ; 87.2	L.H.--301 ; 86.7 R.H.--291 ; 86.7 (mm)
	Spring rate [N/mm (lb./in.)]	69.4 (396.5)	
	Rate at wheel [N/mm (lb./in.)]	15.7 (89.6)	
Stabilizer	Type (link, linkless, frameless)	Link	
	Material & bar diameter	SUp 6, 22 (mm)	

Suspension – Rear

Type and description			Rigid Axle	
Travel	Full jounce		137 (mm)	
	Full rebound		• 76 (70...for 2000lbs.Pkg.) (mm)	
Spring	Type (coil, leaf, other) & material		Leaf, SUP 9	
	Size (length x width, coil design height & i.d., bar length & dia.)		1200 x 70 (mm)	
			• K02T, K03T, K13T	• K13T 2000lbs.Pkg.
	Spring rate [N/mm (lb./in.)]		K1=18.9 (108.1) K2=58.1 (332.1)	• K1=23.8(136.1) K2=87.9(502.3)
	Rate at wheel [N/mm (lb./in.)]		K1=20.6 (117.6) K2=60.0 (343.3)	• K1=26.7(152.3) K2=98.0(560.0)
	Insulators (type & material)		N.A.	N.A.
	If leaf	No. of leaves	3	• 4
		Shackle (comp. or tens.)	Comp.	Comp.
Stabilizer	Type (link, linkless, frameless)		N.A.	
	Material & bar diameter		–	
Track bar (type)			–	

MVMA Specifications Form
Passenger Car

METRIC (U.S. Customary)

Car Line Dodge RAM 50
Model Year 1987 Issued 3-1-1986 Revised (•) _____

Body Type And/Or Engine Displacement: K02T, K03T, K13T

Brakes - Service

Description				
Manufacturer and brake type (std., opt., n.a.)	Front (disc or drum)			AKEBONO Brake Industry Co.,Ltd. : Disc
	Rear (disc or drum)			AKEBONO Brake Industry Co.,Ltd. : Drum
Self-adjusting (std., opt., n.a.)				Std.
Special valving	Type (proportion, delay, metering, other)			Proportion Valve (Load sencing type)
Power brake (std., opt., n.a.)				Std.
Booster type (remote, integral, vac., hyd., etc.)				Integral
Vacuum source (inline, pump, etc.)				Inline
Vacuum reservoir (volume in.^{3})				-
Vacuum pump-type (elec. gear driven, belt driven, if other so state)				-
Anti-lock device type (std., opt., n.a.) (F R)				N.A.
Effective area [cm^2(in.^{2})]*				F : 200 (31.0) / R : 520 (80.6)
Gross lining area [cm^2(in.^{2})]**(F R)				F : 200 (31.0) / R : 520 (80.6)
Swept area [cm^2(in.^{2})]***(F R)				F : 1284 (199) / R : 798 (124)
Rotor	Outerworking diameter		F R	F : 256 (mm) / R : -
	Inner working diameter		F R	F : 157 (mm) / R : -
	Thickness		F R	F : 22 (mm) / R : -
	Material & type (vented solid)		F R	F : Cast iron (Vented) / R : -
Drum	Diameter & width		F R	F : - / R : 254 & 57.5 (mm)
	Type and material		F R	F : - / R : Cast iron
Wheel cylinder bore				F : 57.15 (mm) / R : 23.81 (mm)
Master cylinder	Bore stroke		F R	F : 22.22/17 / R : 22.22/13 (mm)
Pedal arc ratio				4.4
Line pressure at 445 N(100 lb.) pedal load [kPa (psi)]				10045 (1457)
Lining clearance			F R	F:No major adjust required / R:0.25-0.40(Self adjusting)
Brake lining	Front wheel	Bonded or riveted (rivets-seg.)		Bonded
		Rivet size		-
		Manufacturer		AKEBONO Brake Industry Co.,Ltd.
		Lining code*****		AKS35 GG
		Material		Molded
		**** Primary or out-board		105 x 47.7 x 10.5 (mm)
		Size Secondary or in-board		105 x 47.7 x 10.5 (mm)
		Shoe thickness (no lining)		6.0
	Rear wheel	Bonded or riveted (rivets-seg.)		Bonded
		Manufacturer		AKEBONO Brake Industry Co.,Ltd.
		Lining Code*****		AKP324 FF
		Material		Molded
		**** Primary or out-board		260 x 50 x 4.6 (mm)
		Size Secondary or in-board		260 x 50 x 4.6 (mm)
		Shoe thickness (no lining)		2.0 (mm)

*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 or formulation designation and coefficient of friction classification.

MVMA Specifications Form
Passenger Car

METRIC (U.S. Customary)

Car Line Dodge RAM 50
Model Year 1987 Issued 3-1-1986 Revised (•) _____

Body Type And/Or Engine Displacement	K02T, K03T, K13T

Tires And Wheels (Standard)

Tires	Size (load range, ply)		P195/75R14
	Type (bias, radial, etc.)		Radial
	Inflation pressure (cold) for recommended max. vehicle load	Front [kPa (psi)]	180 (26)
		Rear [kPa (psi)]	240 (35)
	Rev./mile–at 70 km/h (45 mph)		816
Wheels	Type & material		Disc : Steel
	Rim (size & flange type)		14 x 6-JJ
	Wheel offset		22 (27 : Spoke-style wheel)
	Attachment	Type (bolt or stud)	Stud
		Circle diameter	139.7 (mm)
		Number & size	Six, M12 x 1.5 (Metric)
Spare	Tire and wheel (same, if other describe)		Same
	Storage position & location (describe)		Under rear of the Cargo-box

Tires And Wheels (Optional)

Size (load range, ply)	LT195/75R14 (D) (for 2000 lbs Pkg.)
Type (bias, radial, etc.)	Radial
Wheel (type & material)	Disc ; Steel
Rim (size, flange type and offset)	14 x 6-JJ, 22
Size (load range, ply)	P205/75R14
Type (bias, radial, etc.)	Radial
Wheel (type & material)	Disc : Steel
Rim (size, flange type and offset)	14 x 6-JJ, 27
Size (load range, ply)	–
Type (bias, radial, etc.)	–
Wheel (type & material)	–
Rim (size, flange type and offset)	–
Size (load range, ply)	–
Type (bias, radial, etc.)	–
Wheel (type & material)	–
Rim (size, flange type and offset)	–
Spare tire and wheel (if configuration is different than road tire or wheel, describe optional spare tire and/or wheel location & storage position	–

Brakes – Parking

Type of control		One hand : Hand-operated
Location of control		Under instrument panel
Operates on		Rear wheels
If separate from service brakes	Type (internal or external)	–
	Drum diameter.	–
	Lining size (length x width x thickness)	–

MVMA Specifications Form
Passenger Car

METRIC (U.S. Customary)

Car Line Dodge RAM 50
Model Year 1987 Issued 3-1-1986 Revised (•) _____

Body Type And/Or Engine Displacement	K02T	K03T K13T	
		High-Line	Premium-Package

Steering

Manual (std., opt., n.a.)				Std.	N.A.
Power (std., opt., n.a.)				Opt.	Std.
Adjustable steering wheel column (tilt, telescope, other)		Type		Tilt	
		Manufacturer		MMC	
		(Std., opt., n.a.)		Std.	
Wheel diameter** (W9) SAE J1100		Manual (mm)		390	N.A.
		Power (mm)		390	390
Turning diameter m (ft.)	Outside front	Wall to wall (l. & r.) (m)		11.7 (for K02T, K03T), 12.7 (for K13T)	
		Curb to curb (l. & r.) (m)		10.8 (for K02T, K03T), 11.8 (for K13T)	
	Inside rear	Wall to wall (l. & r.)		-	
		Curb to curb (l. & r.)		-	
Scrub Radius*					
Manual	Gear	Type		Recirculating ball	
		Manufacturer		MMC	
		Ratios	Gear	17.2 to 21.2 : 1	
			Overall		
	No. wheel turns (stop to stop)			4.2	
Power	Type (coaxial, linkage, etc.)			Coaxial	
	Manufacturer			Koyo Seiko Co., Ltd.	
	Gear	Type		Recirculating ball	
		Ratios	Gear	16.4 : 1	
			Overall		
	Pump (drive)			V - belt	
	No. wheel turns (stop to stop)			3.6	
Linkage	Type			Parallelogram : trailing	
	Location (front or rear of wheels, other)			Rear of wheels	
	Tie rods (one or two)			Two	
Steering axis	Inclination at camber (deg.)			8°20'	
	Bearings (type)	Upper		Ball joint	
		Lower		Ball joint	
		Thrust		-	
Steering spindle & joint type					
Wheel spindle/hub	Diameter	Inner bearing (mm)		34.925	
		Outer bearing (mm)		21.430	
	Thread (size)			M20 x 1.0 (metric)	
	Bearing (type)			Taper roller	

*The horizontal distance in the front elevation between wheel centerline and kingpin (ball joint) axis at ground.
**See Page 21.

MVMA Specifications Form
Passenger Car

METRIC (U.S. Customary)

Car Line Dodge RAM 50
Model Year 1987 Issued 3-1-1986 Revised (•) _____

Body Type And/Or Engine Displacement	K02T, K03T, K13T	
	L-LINE	H & P-LINE

Wheel Alignment

Front wheel at curb mass (wt.)	Service checking	Caster (deg.)	2°30' ± 1°
		Camber (deg.)	40' ± 30'
		Toe-in [outside track-mm (in.)]	2 to 9 (0.08 to 0.35)
	Service reset*	Caster	–
		Camber	–
		Toe-in	–
	Periodic M.V. inspection	Caster	–
		Camber	–
		Toe-in	–
Rear wheel at curb mass (wt.)	Service checking	Camber (deg.)	–
		Toe-in [outside track-mm (in.)]	–
	Service reset*	Camber	–
		Toe-in	–
	Periodic M.V. inspection	Camber	–
		Toe-in	–

* 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.)	N.A. | Std.
EGR maintenance indicator		Std.
Charge indicator	Type	Voltage relay or Moving iron
	Warning device (light, audible)	Light or Drive pointer
Temperature indicator	Type	Electric thermal
	Warning device (light, audible)	Drive pointer (N.A.)
Oil pressure indicator	Type	Pressure switch or Electric thermal
	Warning device (light, audible)	Light or Drive pointer
Fuel indicator	Type	Electric thermal
	Warning device (light, audible)	Drive pointer (N.A.)
Windshield wiper	Type (standard)	Electric two speed
	Type (optional)	N.A.
	Blade length	400
	Swept area [cm^2($in.^2$)]	5020 (778)
Windshield washer	Type (standard)	Electric
	Type (optional)	N.A.
	Fluid level indicator (light, audible)	N.A.
Rear window wiper, wiper/washer (std., opt., n.a.)		N.A.
Horn	Type	90 diameter
	Number used	One
Other		Brake system and parking brake warning light. Fasten belts indicator light.

MVMA Specifications Form
Passenger Car

METRIC (U.S. Customary)

Car Line Dodge RAM 50
Model Year 1987 Issued 3-1-1986 Revised (•) _____

Engine Description/Carb. Engine Code	G63B (1.997 Liters) G54B (2.555 Liters)

Electrical – Supply System

	Manufacturer	JAPAN STORAGE CO.,LTD., YUASA BATTERY CO.,LTD., SHIN KOBE ELECTRIC MACHINERY CO., MATSUSHITA ELECTRIC INDUSTRIAL CO.,LTD.
	Model, std., (opt.)	55824R
	Voltage	12
Battery	Amps at 0°F cold crank	433
	Minutes-reserve capacity	79
	Amp/hrs. - 20 hr. rate	45
	Location	Left side of engine compartment
	Manufacturer	Mitsubishi Electric Corp.
	Rating	45
Alternator	Ratio (alt. crank/rev.)	2.18 : 1
	Optional (type & rating)	N.A.
Regulator	Type	Voltage control

Electrical – Starting System

Start. motor	Current drain at 0°F	
	Engagement type	Solenoid
Motor drive	Pinion engages from (front, rear)	Front

Electrical – Ignition System

			G63B	G54B
Type	Electronic (std., opt., n.a.)		Std.	
	Other (specify)			
Coil	Make		Diamond Electric Manufacturing Co.,Ltd.	
	Model		F-100 all	
	Current	Engine stopped – A	0	
		Engine idling – A	1.4	
Spark plug	Make		NGK Spark Plug Co.,Ltd. or Champion Spark Plug Co.,Ltd. or NIPPON DENSO	
	Model		BUR6EA-11 or RN-9Y or W20EPR-S11	
	Thread (mm)		14	
	Tightening torque (N-m (lb, ft))		20 to 30 (15 to 22)	
	Gap		1.0 to 1.1	
	Number per cylinder		1	
Distributor	Make		NIPPON DENSO	Mitsubishi Electric Corp.
	Model			

Electrical – Suppression

Locations & type	

MVMA Specifications Form
Passenger Car

METRIC (U.S. Customary)

Car Line Dodge RAM 50
Model Year 1987 Issued 3-1-1986 Revised (•) _____

Body Type	K02T	K03T	K13T
	LOW-LINE, HIGH-LINE PREMIUM-LINE(A/T)		PREMIUM-LINE(M/T)

Body

Structure	Separate frame
Bumper system front - rear	Steel bumper with rigid stay
Anti-corrosion treatment	Cathodic ED paint Extended use of galvanized steel Wax injection Stone chipping resistance coating

Body – Miscellaneous Information

Type of finish (lacquer, enamel, other)			Heat Setting Acrylic Enamel	
Hood	Hinge location (front, rear)		Rear	
	Type (counterbalance, prop)		–	
	Release control (internal, external)		Internal	
Trunk lid	Type (counterbalance, other)		–	
	Internal release control (elec., mech., n.a.)		–	
Hatch-back lid	Type (counterbalance, other)		–	
	Internal release control (elec., mech., n.a.)		–	
Station wagon				
Vent window control (crank, friction, pivot, power)		Front	–	
		Rear	–	
Seat cushion type (e.g., 60/40, bucket, bench, wire, foam etc.)		Front	Bench, Spring	Bucket, Spring
		Rear	–	–
		3rd seat	–	–
Seat back type (e.g., 60/40, bucket, bench, wire, foam etc.)		Front	Bench, Spring	Bucket, Spring
		Rear	–	–
		3rd seat	–	–

MVMA Specifications Form
Passenger Car
METRIC (U.S. Customary)

Car Line Dodge RAM 50
Model Year 1987 Issued 3-1-1986 Revised (•) _____

Body Type	K02T, K03T, K13T		
	LOW-LINE	HIGH-LINE, PREMIUM PACKAGE (A/T)	PREMIUM-PACKAGE (M/T)

Restraint System

Active restraint system	Standard:optional	Standard	Standard
	Type and description	3 point seat belt with ELR(outboard), 2 point seat belt with manual adjusting device(center)	3 point seat belt with ELR
	Location	Front	
Passive seat belts	Standard:optional	None	
	Power-manual	–	
	2 or 3 point	–	
	Knee bar-lap belt	–	

Frame

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

Glass	SAE Ref. No.	
Windshield glass exposed surface area [cm^2($in.^2$)]	S1	7400 cm^2 (1147in^2)
Side glass exposed surface area [cm^2($in.^2$)] - total 2-sides	S2	6100 cm^2 (945in^2)
Backlight glass exposed surface area [cm^2($in.^2$)]	S3	3900 cm^2 (604in^2)
Total glass exposed surface area [cm^2($in.^2$)]	S4	17400 cm^2 (2697in^2)
Windshield glass (type)		Curved-Laminated plate
Side glass (type)		Curved-Tempered plate
Backlight glass (type)		Curved-Tempered plate

MVMA Specifications Form
Passenger Car
METRIC (U.S. Customary)

Car Line Dodge RAM 50
Model Year 1987 Issued 3-1-1986 Revised (•) _____

Body Type	K02T	K03T, K13T	
	LOW-LINE	HIGH-LINE	PREMIUM-LINE

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

Air conditioning (manual, auto. temp control)		Opt. (MANUAL)		
Clock (digital, analog)		N.A.	Opt.(DIGITAL)	Std. (DIGITAL)
Compass thermometer		N.A.		
Console (floor, overhead)		N.A.		Std.(5M/T.ONLY)
Defroster, elec. backlight		N.A.		
Electronic	Diagnostic monitor (integrated, individual)	N.A.		
	Instrument cluster (list instruments)	N.A.		
	Keyless entry	N.A.		
	Tripminder (avg. spd., fuel)	N.A.		
	Voice alert (list items)	N.A.		
	Other	N.A.		
Fuel door lock (remote, key, electric)		N.A.		
Lamps	Auto head on - off delay, dimming	N.A.		
	Cornering	N.A.		
	Courtesy (map, reading)	Std.		
	Door lock, ignition	N.A.		
	Engine compartment	N.A.		
	Fog	N.A.		
	Glove compartment	N.A.		
	Trunk	N.A.		
	Other	N.A.		
Mirrors	Day night (auto. man.)	N.A.	Std. (MAN)	
	L.H. (remote, power, heated)	Std.		
	R. H. (convex, remote, power, heated)	Std.		
	Visor vanity (RH LH, illuminated)	N.A.		
Parking brake-auto release (warning light)		Std.		
Power equipment	Door locks deck lid - specify	N.A.		
	Seat (2-4-6 way) heated (driver, pass, other) lumbar, hip, thigh support (power, manual) reclining (driver, pass) memory (1-2 preset, recline)	N.A.		
	Side windows	N.A.		
	Vent windows	N.A.		
	Rear window	N.A.		
Radio systems	Antenna (location, whip, w/shield, power)	Opt. (WHIP)		
	AM, FM, stero, tape, CB	Opt.(AM/FM MPX, AM/FM & CASSETE, AUDIO(P-LINE ONLY)		
	Speaker (number, location) Premium sound	Opt. (2 SPEAKERS:I/PANEL, 4 SPEAKERS:I/PANEL+REAR PILLAR)		
Roof open air/fixed (flip-up, sliding, "T")		N.A.		
Speed control device		N.A.		
Speed warning device (light, buzzer,etc.)		N.A.		
Tachometer (rpm)		N.A.		Std.
Telephone system - mobile		N.A.		
Theft protection-type		key locks on ignition switch & doors		

MVMA Specifications Form
Passenger Car

Car Line Dodge RAM 50
Model Year 1987 Issued 3-1-1986 Revised (•) _____

METRIC (U.S. Customary)
Car and Body 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 car line.
SAE Ref. no. refers to the definition published in SAE Recommended Practice J1100 "Motor Vehicle Dimensions," unless otherwise specified.

Body Type	SAE Ref. No.	K02T, K03T	K13T
Width			
Tread (front)	W101	1400 (L-Line) , 1390 (H, P Line)	
Trear (rear)	W102	1415 (L-Line) , 1405 (H, P Line)	
Vehicle width	W103	1655	
Body width at Sg RP (front)	W117	1646	
Vehicle width (front doors open)	W120	3286	
Vehicle width (rear doors open)	W121	–	
Front fender overall width	W106	1650	
Rear fender overall width	W107	1655	
Tumble-home (deg.)	W122	18.5	
Length			
Wheelbase	L101	2670	2950
Vehicle length	L103	4495	4915
Overhang (front)	L104	760	
Overhang (rear)	L105	1065	1205
Upper structure length	L123	1352	
Rear wheel C L "X" coordinate	L127	2670	2950
Cowl point "X" coordinate	L125	430	
Front end length at centerline	L126	1139	
Rear end length at centerline	L129	–	
Height*			
Passenger distribution (front rear)	PD1,2,3	Front:3, Front:2 (K03TUNUL 2/7)	
Trunk cargo load		475, 545 (K03TUNUL 2/7), 705 (2000 lbs Pkg) (kg)	
Vehicle height	H101	1480	
Cowl point to ground	H114	1020	1015
Deck point to ground	H138	1055	1050
Rocker panel-front to ground	H112	235	230
Bottom of door closed-front to grd.	H133	320	315
Rocker panel-rear to ground	H111	240	240
Bottom of door closed-rear to grd.	H135	–	
Windshield slope angle	H122	50.5 (deg)	
Backlight slope angle	H121	7.5 (deg)	
Ground Clearance*			
Front bumper to ground	H102	405	395
Rear bumper to ground	H104	–	
Bumper to ground [front at curb mass (wt.)]	H103	425	425
Bumper to ground [rear at curb mass (wt.)]	H105	–	
Angle of approach (degrees)	H106	26.6	25.7
Angle of departure (degrees)	H107	16.0	14.4
Ramp breakover angle (degrees)	H147	12.0	11.4
Axle differential to ground (front rear)	H153	170 (Rear)	
Min. running ground clearance	H156	135	135
Location of min. run. grd. clear.		CROSS MEMBER NO.3	CROSS MEMBER NO.2

* All vehicle height and ground clearances are made at the Manufacturer's Design Load Weight, unless otherwise specified.
Manufacturers Design Load Weight is defined with indicated passenger distribution and trunk cargo load.
All linear dimensions are in millimeters (inches) unless otherwise noted.

MVMA Specifications Form
Passenger Car

Car Line Dodge RAM 50
Model Year 1987 Issued 3-1-1986 Revised (•) _____

METRIC (U.S. Customary)
Car and Body Dimensions See Key Sheets for definitions

Body Type	SAE Ref. No.	K02T	K03T	K13T	
				UNSL	UNJL

Front Compartment

Sg RP front, "X" coordinate	L31	1400					
Effective head room	H61	987					
Max. eff. leg room (accelerator)	L34	1067					
SgRP to heel point	H30	280					
SgRP to heel point	L53	865					
Back angle	L40	23 (deg)					
Hip angle	L42	97 (deg)					
Knee angle	L44	126 (deg)					
Foot angle	L46	78 (deg)					
Design H-point front travel	L17	180					
Normal driving & riding seat track trvl.	L23	180					
Shoulder room	W3	1410					
Hip room	W5	1290	1294	1290	1294		
Upper body opening to ground	H50	1365		1360			
Steering wheel maximum diameter*	W9	390					
Steering wheel angle	H18	29.8 (deg)					
Accel. heel pt. to steer. whl. cntr	L11	482.5					
Accel. heel pt. to steer. whl. cntr	H17	644.5					
Steering wheel to C/L of thigh	H13	100					
Steering wheel torso clearance	L7	345					
Headlining to roof panel (front)	H37	11.5					
Undepressed floor covering thickness	H67	10					

Rear Compartment

Sg RP Point couple distance	L50	–
Effective head room	H63	–
Min. effective leg room	L51	–
Sg RP (second to heel)	H31	–
Knee clearance	L48	–
Compartment room	L3	–
Shoulder room	W4	–
Hip room	W6	–
Upper body opening to ground	H51	–
Back angle	L41	–
Hip angle	L43	–
Knee angle	L45	–
Foot angle	L47	–
Headlining to roof panel (second)	H38	–
Depressed floor covering thickness	H73	–

Luggage Compartment

Usable luggage capacity [L (cu. ft.)]	V1	–
Liftover height	H195	–

Interior Volumes (EPA Classification)

Vehicle class (subcompact, compact, etc.)		–
Interior volume index (cu. ft.)		–
Trunk cargo index (cu. ft.)		–

* See page 14.

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

MVMA Specifications Form
Passenger Car
METRIC (U.S. Customary)
Car and Body Dimensions

See Key Sheets for definitions

Car Line Dodge RAM 50

Model Year 1987 Issued 3-1-1986 Revised (•) _____

Body Type	SAE Ref. No.	K02T, K03T	K13T
Station Wagon – Third Seat			
Sg RP couple distance	L85		
Shoulder room	W85		
Hip room	W86		
Effective leg room	L86		
Effective head room	H86		
Sg RP to heel point	H87		
Knee clearance	L87		
Seat facing direction	SD1		
Back angle	L88		
Hip angle	L89		
Knee angle	L90		
Foot angle	L91		
Station Wagon – 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		
Max. rear opening width above belt	W205		
Cargo height	H201		
Rear opening height	H202		
Tailgate to ground height	H250		
Front seat back to load floor height	H197		
Cargo volume index [$m^3(ft.^3)$]	V2		
Hidden cargo volume [$m^3(ft.^3)$]	V4		
Cargo volume, index-rear of 2-seat	V10		
Hatchback – Cargo Space			
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 [$m^3(ft.^3)$]	V3		
Hidden cargo volume [$m^3(ft.^3)$]	V4		
Cargo volume index-rear of 2-seat	V11		
Aerodynamics*			
Wheel lip to ground, front		695	685
Wheel lip to ground, rear		705	710
Frontal area [$m^2(ft^2)$]		2.14 m^2 (23.0 ft^2)	
Drag coefficient (Cd)		0.56	

* EPA Loaded Vehicle Weight, Loading Conditions

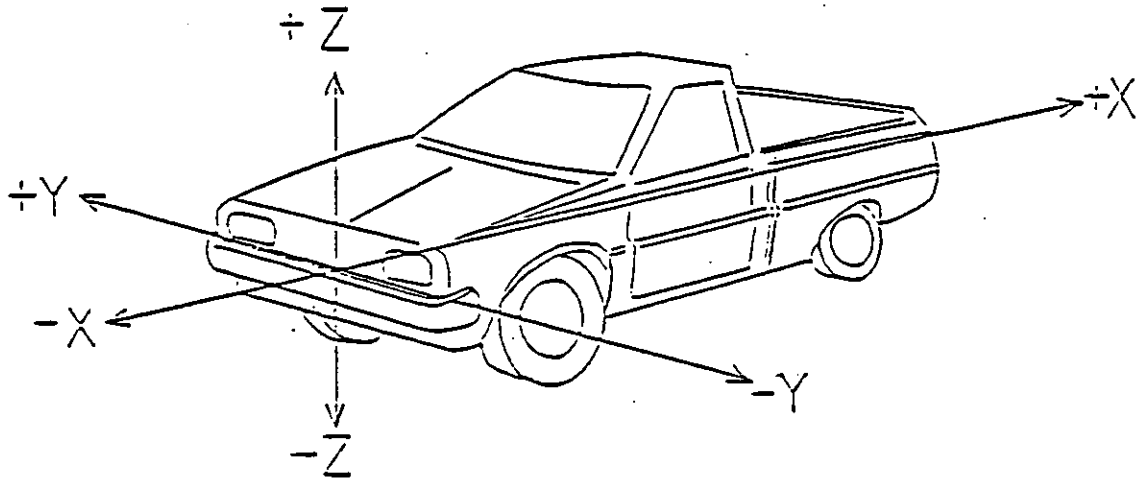
All linear dimensions are in millimeters (inches) unless otherwise noted.

MVMA Specifications Form
Passenger Car
METRIC (U.S. Customary)

Car Line Dodge RAM 50
Model Year 1987 Issued 3-1-1986 Revised (•) _____

Body Type	K02T	K03T	K13T

Vehicle Fiducial Marks

Fiducial Mark Number*		Define Coordinate Location	
Front			
Rear		Datum plane definition – Vertical longitudinal plane through the longitudinal center of the car. Vertical transverse plane through the front wheel center. Horizontal plane through the bottom of the rocker panels.	
Fiducial Mark Number			
Front	W21*	0	
	L54*	-595	
	H81*	50	
	H161*	415	
	H163*	–	
Rear	W22*	0	
	L55*	3665	4085
	H82*	-25	
	H162*	425	
	H164*	–	

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

All linear dimensions are in millimeters (inches).

MVMA Specifications Form
Passenger Car
METRIC (U.S. Customary)

Car Line Dodge RAM 50
Model Year 1987 Issued 3-1-1986 Revised (•) _____

Body Type	K02T, K03T, K13T		
	LOW-LINE	HIGH-LINE	PREMIUM-LINE

Lamps and Headlamp Shape*

Height above ground to center of bulb or marker	Headlamp (SAE - H127)	Highest**	740
		Lowest	–
	Taillamp (SAE - H128)	Highest**	745
		Lowest	–
	Sidemarker	Front	740
		Rear	730
Distance from C.L of car to center of bulb	Headlamp	Inside	–
		Outside**	558
	Taillamp	Inside	–
		Outside**	745
	Directional	Front	573
		Rear	750

		LOW-LINE	HIGH-LINE	PREMIUM-LINE
Halogen headlamp (std., opt., n.a.)	Lo beam	N.A.	Opt.	Std.
	Hi beam	N.A.	Opt.	Std.
	Replaceable bulb	N.A.	N.A.	N.A.
	Shape	5.6 x 7.9 in rectangular unit		
Headlamp other than above	Lo beam	Std.	Std.	N.A.
	Hi beam	Std.	Std.	N.A.
	Replaceable	N.A.	N.A.	N.A.
	Shape	5.6 x 7.9 in rectangular unit		
	Type	2B	2B	–

* Measured at curb mass (weight).
** If single lamps are used enter here.
All linear dimensions are in millimeters (inches) unless otherwise noted.

MVMA Specifications Form
Passenger Car

METRIC (U.S. Customary)

Car Line Dodge RAM 50

Model Year 1987 Issued 3-1-1986 Revised (•) _____

Model	Vehicle Mass (weight)							
	CURB MASS, kg. (weight, lb.)*			% PASS. MASS DISTRIBUTION				SHIPPING MASS, kg (weight, lb.)**
				Pass In Front		Pass In Rear		
	Front	Rear	Total	Front	Rear	Front	Rear	
K02TUNSL 2/7	654	505	1159	47.9	52.1	–	–	1125
	(1440)	(1115)	(2555)					(2480)
K02TUESL 2/7	669	511	1180	47.9	52.1	–	–	1146
	(1475)	(1125)	(2600)					(2525)
K03TUNUL 2/7	687	520	1207	47.9	52.1	–	–	1173
	(1515)	(1145)	(2660)					(2585)
K03TUEUL 2/7	696	523	1219	47.9	52.1	–	–	1185
	(1535)	(1155)	(2690)					(2610)
K13TUNSL 2/7	697	544	1241	52.9	47.1	–	–	1194
	(1535)	(1200)	(2735)					(2630)
K13TUESL 2/7	712	538	1250	52.9	47.1	–	–	1203
	(1570)	(1185)	(2755)					(2650)
K13TUNJL 2/7	699	542	1241	52.9	47.1	–	–	1194
	(1540)	(1195)	(2735)					(2630)
K13TUEJL 2/7	713	538	1251	52.9	47.1	–	–	1204
	(1570)	(1190)	(2760)					(2655)

* Reference – SAE J1100 Motor vehicle dimensions, curb weight definition.
** Shipping mass (weight) definition –

MVMA Specifications Form
Passenger Car

METRIC (U.S. Customary)

Car Line Dodge RAM 50
Model Year 1987 Issued 3-1-1986 Revised (•) _____

Equipment	Optional Equipment Differential Mass (weight)*			Remarks
	MASS, kg. (weight, lb.)			
	Front	Rear	Total	
Air Conditioning	24.4	-1.4	23.0	K02T
	(53.8)	(-3.1)	(50.7)	
"	25.4	-1.4	24.0	K03T
	(56.0)	(-3.1)	(52.9)	
"	25.3	-1.3	24.0	K13T
	(55.8)	(-2.9)	(52.9)	
Rear Step Bumper	-10.7	36.1	25.4	K02T, K03T
	(-23.4)	(79.4)	(56.0)	
"	-10.8	36.2	25.4	K13T
	(-23.8)	(79.8)	(56.0)	
Power Steering	7.6	-0.3	7.3	K02T
	(16.8)	(-0.7)	(16.1)	
"	7.4	-0.3	7.1	K03T, K13T
	(16.3)	(-0.7)	(15.6)	
Low Mount Mirrors	0.7	0.3	1.0	ALL
	(1.5)	(0.7)	(2.2)	
AM/FM MPX & Cassete	2.9	2.2	5.1	K02T, K03T
-4SPKR	(6.4)	(4.8)	(11.2)	
"	3.1	2.0	5.1	K13T
	(6.8)	(4.4)	(11.2)	
Rear Slide Window	0.2	0.5	0.7	K02T, K03T
	(0.4)	(1.1)	(1.5)	
"	0.3	0.4	0.7	K13T
	(0.6)	(0.9)	(1.5)	
2000 lbs Pkg	10.7	20.1	30.8	K13T
(include Power steering)	(23.6)	(44.3)	(67.9)	

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