

MANUFACTURERS MOTOR VEHICLE SPECIFICATIONS

METRIC (U.S. Customary)

Passenger Car

1987

Manufacturer CHRYSLER MOTORS	Car Line CHRYSLER NEW YORKER	
Mailing Address DETROIT, MICHIGAN 48288	Issued JUNE 20, 1986	Revised

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

The information contained herein is prepared, distributed by, and is solely the responsibility of the automobile manufacturing company to whose products it relates. This specification form was developed by the automobile manufacturing companies under the auspices of the Motor Vehicle Manufacturers Association of the United States, Inc.

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

MVMA Specifications Form

Passenger Car

METRIC (U.S. Customary)

Table of Contents

1	Car Models
2	Power Teams
3-6	Engine
4	Lubrication System
4	Diesel Information
5	Cooling System
6	Fuel System
7	Vehicle Emission Control
7	Exhaust System
8-10	Transmission, Axles and Shafts
11	Suspension-Front and Rear
12-13	Brakes
13	Tires and Wheels
14-15	Steering
15-16	Electrical
17	Body – Miscellaneous Information
18	Restraint System
18	Frame
18	Glass
19	Convenience Equipment
20-22	Car and Body Dimensions
23	Vehicle Fiducial Marks
24	Lamps and Headlamps
25	Vehicle Mass (Weight)
26	Optional Equipment Differential Mass (Weight)
27-33	Car and Body Dimensions Definitions - Key Sheets
34	Index

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.

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

Car Line CHRYSLER NEW YORKER
Model Year 1987 Issued 6-20-86 Revised (•) _____

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)
NEW YORKER-FWD 4-Door Sedan	SEPT. 1986	TP41	6(3/3)	52(115)

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

Car Line CHRYSLER NEW YORKER

Model Year 1987 Issued 6-20-86 Revised (•) _____

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					E x h a u s t S/D	TRANSMISSION TRANSAXLE	AXLE RATIO (std. first)
	Displ. Liters (in. ³)	Carb. (Barrel, FI, etc.)	Compr. Ratio	SAE Net at RPM				
				kW (bhp)	Torque N-m (lb. ft.)			
STD.	2.5L (153) EDM	EFI	9.0	75 (100) @ 4800	180 (133) @ 2800	S	AUTOMATIC	3.02
OPT.	2.2L (135) EDG	EFI Turbo	8.1	109 (146) @ 5200	230 (170) @ 3600	S	AUTOMATIC	3.02

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

Car Line **CHRYSLER NEW YORKER**

Model Year **1987** Issued **6-20-86** Revised (•) _____

Engine description/Carb.
 Engine Code

2.2L (135.0 in³)
EFI turbo, EDG

2.5L (153.0 in³)
EFI, EDM

ENGINE - GENERAL

Type & description (inline, V, angle, flat, location, front, mid, rear, transverse, longitudinal, sohc,dohc, ohv, hemi, wedge, pre-chamber, etc.	Four-cylinder, in-line, SOHC, canted, front, transverse	
Manufacturer	Chrysler	
No. of Cylinders	Four	
Bore	87.5 (3.44)	
Stroke (C/L to C/L)	92.0 (3.62)	
Bore spacing (C/L to C/L)	96.0 (3.78)	
Cylinder block mat'l. & mass kg (lbs) (machined)	Cast Iron 35.46 (78.2)	Cast Iron 39.42 (86.9)
Cylinder block deck height	237.8 (9.36)	249.8 (9.83)
Cylinder block length	418 (16.46)	
Deck clearance (minimum) (above or below block)	0.00	
Cylinder head material & mass kg (lbs.)	Aluminum 9.71 (21.4)	
Cylinder head volume (cm³)	48.5 -51.5	
Cylinder liner material	n.a.	
Head gasket thickness (compressed)	1.78 (.070)	
Minimum combustion chamber total volume (cm³)	Clearance Volume: 73.815	
Cyl. no. system (front to rear)*	L. Bank	Right to left as installed in car 1, 2, 3, 4
	R. Bank	
Firing order	1, 3, 4, 2	
Intake manifold matl. & mass [kg (lbs.)]**	Aluminum 2.13 (4.7)	Aluminum 2.61 (5.8)
Exhaust manifold matl. & mass [kg (lbs.)]**	Cast iron 4.26 (9.4)	Cast iron 6.23 (13.7)
Recommended fuel (leaded, unleaded, diesel)	Super or premium unleaded	Regular unleaded
Fuel antiknock index $\frac{R + M}{2}$	91 octane or higher (recommended) 87 octane or higher (acceptable)	87 octane or higher
Total dressed engine mass (wt) dry***	135.44 (298.6)	140.57 (309.9)

Engine - Pistons

Material & mass, g (weight, oz.) piston only	Aluminum	
	443 (15.2)	430 (15.1)

Engine - Camshaft

Location	Overhead	
Material & mass kg (weight, lbs.)	Hardenable cast iron	
	2.95 (6.5)	2.92 (6.4)
Drive type	Chain/belt	Belt
	Width/pitch	Width: 24.7 (0.972) (a)
		23.8 (0.937) (a)

*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: starter, alternator, manifolds, water pump, engine-mounted emission controls, drive belts, oil filter, right engine mount, and throttle controls as required

(a) Pitch: 9.52 (0.375)

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

Car Line **CHRYSLER NEW YORKER**
 Model Year **1987** Issued **6-20-86** Revised(*)

Engine description/Carb.
 Engine Code

2.2L (135.0 in.3)
EFI Turbo, EDG

2.5L (153.0 in.3)
EFI, EDM

Engine - Valve System

Hydraulic lifters (std., opt., n.a.)	Std.	
Valves	Number intake/exhaust	4/4
	Head O.D. intake/exhaust	40.6 mm. / 35.4 mm.

Engine - Connecting Rods

Material & Mass (kg., (weight lbs.))	Forged steel (0.63 (1.4))	Forged steel 0.67 (1.5)
--------------------------------------	---------------------------	-------------------------

Engine - Crankshaft

Material & Mass (kg., (weight lbs.))	Nodular iron 15.19 (33.5)	Forged steel 16.52 (36.4)
End thrust taken by bearing (no.)	Three	
Number of main bearings	Five	
Seal (material, one, two piece design, etc.)	Front	One piece
	Rear	One piece

Engine - Lubrication System

Normal oil pressure (kPa (psi) at eng. rpm)	25 - 80 psi @ 3000
Type of intake (floating, stationary)	Stationary
Oil filter system (full flow, part, other)	Full flow
Capacity of c/case, less filter-refill-L (qt.)	3.8 (4)

Engine - Diesel Information

Diesel engine manufacturer		
Glow plug, current drain at 0° F		
Injector	Type	
nozzle	Opening pres.(kPa (psi))	
Pre-chamber design		
Fuel inj.	Manufacturer	
pump	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

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

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

Car Line CHRYSLER NEW YORKER
 Model Year 1987 Issued 6-20-86 Revised (•) _____

Engine Description/Carb.
 Engine Code

2.2L (135.0 in ³) EFI, EDF 2.5 L (153.0 in. ³) EFI, EDM		2.2 L (135.0 in. ³), EDG	
W/O AC	W/AC	W/O AC	W/AC

Engine - Cooling System

Coolant recovery system (std., opt., n.a.)		Standard	
Coolant fill location (rad., bottle))		Bottle	
Radiator cap relief valve pressure (kPa (psi))		96-124 (14-18)	
Circulation thermostat	Type (choke, bypass)	Choke, Pellet Operated	
	Starts to open at °C(°F)	90.6 (195)	
Water Pump	Type (centrifugal, other)	Centrifugal	
	GPM 1000 pump RPM	-	
	Number of pumps	One	
	Drive (V-belt, other)	Multi-Groove Belt	
	Bearing type	Integral Ball Bearing	
	Impeller material	Steel	
	Housing material	Cast Aluminum	
By-pass recirculation [type (inter., ext.)]		External	
Cooling System	With heater - L(qt.)	8.5 (9.0)	
	With air cond. - L(qt.)	8.5 (9.0)	
Capacity	Opt. equip. [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)			
Radiator Core	Std., A/C, HD		
	Type (cross-flow, etc.)	Cross-Flow	
	Construction (fin&tube, mechanical, braze, etc.)	Tube & Fin Spacer, Soldered, 1 Row	
	Material, mass[kg(wt., lbs.)) (a)	(b) 4.63 (10.2)	(b) 5.03 (11.1)
	Width	533.4 (21.0)	
	Height	387.6 (15.26)	
	Thickness	17.8 (0.7)	
Radiator end tank material		13	20
		Nylon 66	
Fan	Std., elec., opt.	Electric	
	Number of blades & type (flex, solid, material)	2-Blade Metal	5-Blade Metal
	Diameter & projected width	315(12.4)/33(1.3)	360 (14.2) / 46 (1.8)
	Ratio (fan to crankshaft rev.)	-	
	Fan cutout type	Electric Motor	
	Drive type (direct, remote)	-	
	RPM at idle (elec.)	1815	1790
	Motor rating (wattage) (elec.)	65	130
	Motor switch (type & loc.) (elec.)	Thermistor, Water Box & A/C	
	Switch point (temp., press.) (elec.)	99 °C (210° F) (Low Speed); 110 °C (230° F) (High Speed)	
	Fan shroud (material)	Metal	

(a) Mass (weight) shown is for assembly as purchased.

(b) Copper-brass

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

Car Line **CHRYSLER NEW YORKER**

Model Year **1987** Issued **6-20-86** Revised (•) _____

Engine Description/Carb.
 Engine Code

2.5L (153.0 in³) EFI EDM	2.2L (135.0 in³) Turbocharged, EFI EDG
--	--

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

Induction type: carb., fuel inj. sys., etc.			electronic fuel injection	
Carburetor	Mfr.		Bosch or Holly	Bosch
	Choke (type)		none	none
	Idle spd. rpm (spec. neutral or drive and propane if used)	Manual		
		Automatic	700	800
Idle A/F mix				
Fuel Injection	Point of injection (no.)	throttle body (1)	port injection (4)	
	Constant, pulse, flow	pulse		
	Control (electronic, mech.)	electronic		
	System pressure [kPa (psi)]	100 (14.5)	379.6 (55.1) ± manifold vacuum	
Intake manifold heat control (exhaust or water thermostatic or fixed)		water	none	
Air cleaner type	Standard	oil-wetted paper element		
	optional	--		
Fuel pump	Type (elec. or mech.)	electric		
	Location (eng., tank)	in fuel tank	in fuel tank	
	Pressure range [kPa (psi)]	116-262 @ 12V & 15 PSI (a)	184-352 @ 12v & 55 PSI (a)	

Fuel Tank

Capacity [refill L (gallons)]		53 (14.0)
Location (describe)		forward of axle
Attachment		Galv. or terne plated strap to floor
Material & mass [kg (weight lbs.)]		terne plated steel 9.34(20.6) terne plated steel 10.16 (22.4)
Filler pipe	Location & material	external, right rear quarter panel; lead dipped steel
	Connection to tank	rubber grommet
Fuel line (material)		duplex-coated steel
Fuel hose (material)		fuel resistant rubber
Return line (material)		duplex-coated steel
Vapor line (material)		terne plated steel
Extended range tank	Opt., n. a.	
	Capacity [L (gallons)]	
	Location & material	
	Attachment	
Auxiliary tank	Opt., n. a.	
	Capacity [L (gallons)]	
	Location & material	
	Attachment	
	Selector switch or valve	
Separate fill		

(a) Flow range (lbs./hr.) @ nominal regulated pressure

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

Car Line **CHRYSLER NEW YORKER**

Model Year **1987**

Issued **6-20-86**

Revised(*)

Engine Description/Carb.
 Engine Code

2.5L (153.0 in.³) EFI EDM	2.2L (135.0 in.³) Turbo, EFI EDG
---	--

Vehicle Emission Control

	Type (air injection, eng. modifications)		(a)	(b)
			pulse	none
Exhaust Emission Control	Air injection	Pump or pulse		
		Driven by	exhaust pressure	--
		Air distribution (head, manifold, etc.)	single point	--
		Point of entry	exhaust manifold collector	--
	Exhaust Gas Recirc- ulation	Type (controlled flow, open orifice, other)	controlled flow	
		Exhaust source	manifold collector	
		Point of exhaust inj. (spacer, carb., manif., etc.)	intake manifold	
	Catalytic Converter	Type	3 - Way + oxidation	3 - Way
		Number of	one	
		Location(s)	below exhaust manifold	under floor
		Volume [L9in. ³]	1.23(75) 3WC + 0.74(45)ox.	1.80 (110) 3WC
		Substrate type	monolithic	
Crankcase Emission Control	Type (ventilates to atmosphere, induction system, other)		closed induction system	
	Energy source (manifold, vacuum, carburetor, other)		manifold vacuum	
	Discharges (to intake manif., other)		intake manifold	
	Air inlet (breather cap, other)		air cleaner	
Evapora- tive emis- sion control	Vapor vented to (crank- case, canister, other)	Fuel tank	canister	
		Carburetor	--	
	Vapor storage position		canister	
	Closed loop (yes/no)		yes - hot engine	
	Open loop (yes/no)		yes - cold engine	

Engine - Exhaust System

Type (single, single with cross-over, dual, other)		single w/120 in ³ conv. & air inj.	single w/110 in ³ converter
Muffler no. & type (reverse flow, straight through separate resonator) Material & mass [kg. (weight lbs.)]		one reverse flow stainless steel 4.90(10.8)	stainless steel 6.21 (13.7)
Resonator no. & type		one straight through	none
Exhaust pipe	Branch o. d., wall thickness	50.8 x 1.4 (2.00 x 0.055)	57/63.5 x 1.4 (2.2/2.5 x 0.055)
	Main o. d., wall thickness	47.8 x 1.4 (1.88 x 0.055)	63.5 x 1.4 (2.50 x 0.055)
	Material & mass [kg. (weight lbs.)]	stainless steel 5.30 (11.7)(c)	stainless steel 1.23 (2.7)
Intermed- iate pipe	o. d., & wall thickness	47.8 x 1.4 (1.88 x 0.047)	57/50.8 x 1.4 (2.2/2.0 x 0.055)
	Material & mass [kg. (weight lbs.)]	stainless steel 4.64 (10.2)	stainless steel 7.98 (17.6)(d)
Tail pipe	o. d., & wall thickness	47.8 x 1.2 (1.88 x 0.047)	50.8 x 1.1 (2.00 x 0.043)
	Material & mass [kg. (weight lbs.)]	stainless steel (see muffler assembly)	

(a) aspirator, exhaust gas recirculation, engine modifications, catalytic converter

(b) exhaust gas recirculation, engine modifications, catalytic converter

(c) Includes 1.69 kg. (3.72 lbs.) substrate and stainless steel mesh

(d) Includes 1.52 kg. (3.34 lbs.) substrate and stainless steel mesh

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

Car Line CHRYSLER NEW YORKER
 Model Year 1987 Issued 6-20-86 Revised (•) _____

Engine Description/Carb.
 Engine Code

ALL

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.)	N.A.
Manual overdrive (std., opt., n.a.) (mfr.)	N.A.
Automatic (std., opt., n.a.) (mfr.)	standard (CHRYSLER)
Automatic overdrive (std., opt., n.a.) (mfr.)	N.A.

Manual Transmissions/Transaxle

Number of forward speeds		--
Transmission ratios	In first	--
	In second	--
	In third	--
	In fourth	--
	In fifth	--
	In overdrive	--
	In reverse	--
Synchronous meshing (specify gears)		--
Shift lever location		--
Lubricant	Capacity [L(pt.)]	--
	Type recommended	--
	SAE viscosity	Summer --
	number	Winter --
		Extreme cold --

Clutch (Manual Transmission)

Make, type, engagement (describe) - (hydraulic, cable, rod)		--
Assist (yes, no/percent)		--
Type pressure plate springs		--
Total spring load [N(lb.)]		--
No. of clutch driven discs		--
Clutch facing	Material	--
	Manufacturer	--
	Part Number	--
	Rivets/Plate	--
	Rivet Size	--
	Outside & inside diameter	--
	Total eff. area [cm ² (in ²)]	--
	Thickness	--
Engagement cushion method.		--
Release Bearing	Type & method of lubrication	--
Torsional Damping	Method: springs, frictional material	----

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

Car Line **CHRYSLER NEW YORKER**

Model Year **1987** Issued **6-20-86** Revised (•) _____

Engine Description/Carb.

Engine Code

2.2L (135.0 in³)
EFI Turbo, EDG

2.5L (153.0 in³)
EFI, EDM

Automatic Transmission/Transaxle

Trade Name		Torqueflite	
Type and special features (describe)		Torque Converter with Automatically Operated Planetary Transmission and Parallel Axis Final Drive	
Selector	Location	Floor Console Mounted	
	Ltr./No. designation	PRND21	
Gear ratios	R	2.10	
	D	2.69, 1.55, 1.00	
	L ₁	-	
	L ₂	2.69, 1.55	
	L ₃	2.69	
Max. upshift speed - drive range [km/h (mph)]		129 (80)	113 (70)
Max. kickdown speed - drive range [km/h (mph)]		119 (74)	105 (65)
Min. overdrive speed [km/h (mph)]		-	
Torque converter	Number of elements	Three	
	Max. ratio at stall	2.00:1	
	Type of cooling (air, liquid)	Liquid	
	Nominal diameter	241 (9.5)	
Lubricant	Capacity [refill L (pt.)]	8.40 (17.75) (a)	
	Type recommended	Mopar ATF Plus (Auto. Trans. Fluid - Type 7176)(b)	
Oil cooler (std., opt., NA, internal, external, air, liquid)		Std., Internal liquid	

Axle or Front Wheel Drive Unit

Type (front, rear)		Front	
Description		Transaxle	
Limited slip differential (type)		N.A.	
Drive pinion offset		-	
Drive pinion (type)		Helical	
No. of differential pinions		Two	
Pinion/differential adjustment (shim, other)			
Pinion/differential bearing adjustment (shim, other)		Shim	
Driving wheel bearing (type)		Double Row Ball	
Lubricant	Capacity [L (pt.)]	see transaxle	
	Type recommended	see transaxle	
	SAE viscosity number	Summer	see transaxle
		Winter	see transaxle
		Extreme cold	see transaxle

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

Axle ratio (or overall top gear ratio)		3.02
No. of teeth	Pinion	21
	Ring gear or gear	60
Ring gear o.d.		187.4(7.38)
Transaxle	Transfer gear ratio	1.06
	Final drive ratio	2.86

(a) Torque Converter, Transmission, and Differential

(b) Dexron II ATF may be used, only if Mopar ATF is not available.

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

Car Line **CHRYSLER NEW YORKER**

Model Year **1987** Issued **6-20-86** Revised (•) _____

Engine Description/Carb.
 Engine Code

2.2L (135.0 in.³)
EFI Turbo, EDG

2.5L (153.0 in.³)
EFI, EDM

Axle Shafts - Front Wheel Drive

Number used			Two	
Type (straight, solid bar, tubular, etc.)		Left	Solid bar	
		Right	Solid bar	Tube
Outer diam. x length* x wall thickness	Manual transmission	Left	n.a.	
		Right	n.a.	
	Automatic transmission	Left	(a)	(b)
		Right	(a)	(c)
	Optional transmission	Left	-	
		Right	-	
Slip Yoke	Type		-	
	Number of teeth		-	
	Spline o.d.		-	
Universal joints	Make and mfg. no.	Inner	GKN-Eur: GI72 or Citroen or SSG #19	
		Outer	GKN-Eur: 95 AC or Citroen or SSG #23	
	Number used		Two	
	Type, size, plunge	Inner	Tripode plunge	
		Outer	Rzeppa-fixed	
	Attach (u-bolt, clamp, etc.)		-	
	Bearing	Type (plain, anti-friction)	-	
Lubrication (fitting, prepack)		Prepack		
Drive taken through (torque tube, arms or springs)			-	
Torque taken through (torque tube, arms or springs)			-	

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

- (a) GKN-Eur: 22.9 x 331.4 (0.90 x 13.03) or SSG: 23.9 x 327.5 (0.94 x 12.9) or Citroen: 22.9 x 333.2 (0.90 x 13.17)
 (b) Citroen: 22.9 x 333 (0.90 x 13.1) or GKN-Eur: 22.9 x 331.4 (0.90 x 13.05) or SSG: 23.9 x 327.5 (0.94 x 12.9)
 (c) Citroen: 40 x 598.3 x 3.2 (1.57 x 23.56 x 0.13) or GKN-Eur: 40.5 x 600.8 x 2.7 (1.59 x 23.65 x 0.10) or SSG: 38.0 x 591.1 x 5.0 (1.5 x 23.27 x 0.20)

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

Car Line **CHRYSLER NEW YORKER**

Model Year **1987** Issued **6-20-86** Revised (•) _____

Body Type And/Or
 Engine Displacement

All		
Standard (SDA)	Heavy Duty (SDB)	Firm Feel (SDC)

Suspension - General

Car leveling	Std./opt./n.a.	N.A.	
	Type (air, hyd., etc.)	-	
	Manual/auto controlled	-	
Provision for brake dip control		Inclined Control Arm Strut	
Provision for accel. squat control		None	
Provisions for car jacking		Scissors Type Sill Jack Jack Supports Located at Each End of Body Sills	
Shock absorber (front & rear)	Type	Front: Direct-hydraulic Rear: gas-charged-hyd.	Gas-charged-Hydraulic
	Make	Front: , Delco or Monroe; Rear: Monroe, Maremont or Delco	
	Piston diameter	(a)	Front: 32 (1.26); Rear: 30.2 (1.19), 25.4 (1.00)
	Rod diameter	Front: 20 (0.79); Rear: 12.7 (0.50)	

Suspension - Front

Type and description		Iso-Strut		
Drive and torque taken through		Lower control arm		
Travel	Full jounce	68 (2.68)	75 (2.93)	68 (2.68)
	Full rebound	106 (4.12)	99 (3.87)	106 (4.12)
Spring	Type (coil, leaf, other) & mat'l.	Coil; AISI .5160H Chromium Alloy Steel		
	Insulators (type & material)	Compression: Rubber		
	Size (coil design height & i.d. bar length x dia.)	229 x 151 I.D. (9.0 x 6.0 I.D.)		
	Spring rate [N/mm (lb./in.)]	14.9 (85)	21.0 (120)	14.9 (85)
	Rate at wheel [N/mm (lb./in.)]	18.4 (105)	24.5 (140)	18.4 (105)
Stabilizer	Type (link, linkless, frameless)	Linkless		
	Material & bar diameter	AISI 1090 Spring Steel: 25.4 (1.00)		27.0 (1.06)

Suspension - Rear

Type and description		Trailing Flex-arm with track bar		
Drive and torque taken through		Arm		
Travel	Full jounce	127 (5.0)		
	Full rebound	73 (2.9)		
Spring	Type (coil, leaf, other) & mat'l	Coil: AISI 5160H Chromium Alloy Steel		
	Size (length x width, coil design height & i.d., bar length x dia.)	229 x 102 I.D. (9.0 x 4.01 I.D.)		
	Spring rate [N/mm (lb./in.)]	28 (160)	35 (200)	28 (160)
	Rate at wheel [N/mm (lb./in.)]	17.8 (102)	22 (126)	17.8 (102)
	Insulators (type & material)		Compression: Rubber	
	If leaf	No. of leaves	-	
		Shackle (comp. or tens.)	-	
Stabilizer	Type (link, linkless, frameless)	Frameless ERW Tube		
	Material & bar diameter	80KSI HSLA Steel: 25.4 (1.0) O.D.		(b)
Track bar (type)		Channel type		

(a) Front: 32 (1.26); Rear: 25.4 (1.0)

(b) 80 KSI HSLA Steel: 28.6 (1.13) O.D.

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

Car Line **CHRYSLER NEW YORKER**
 Model Year **1987** Issued **6-20-86** Revised (●) _____

Body Type And/Or
 Engine Displacement

ALL

Brakes - Service

Description			four-wheel hydraulic actuated system	
Brake type (std., opt., n.a.)		Front (disc or drum)	disc	
		Rear (disc or drum)	drum	
Self-adjusting (std., opt., n.a.)			standard	
Special valving	Type (proportion, delay, metering, other)		N. A.	
Power brake (std., opt., n.a.)			standard	
Booster type (remote, integral, vac., hyd., etc.)			vacuum, tandem	
Vacuum source (inline, pump, etc.)			intake manifold	
Vacuum reservoir (volume in. ³)			--	
Vacuum pump-type (elec, gear driven, belt driven, if other so state)			--	
Anti-skid device type (std., opt., n.a.) (F/R)			N. A.	
Effective area [cm ² (in. ²)]* (F/R)			526.88 (1.67)	
Gross lining area [cm ² (in. ²)]** (F/R)			560.96 (86.95)	
Swept area[cm ² (in. ²)]*** (F/R)			1825.30 (282.92)	
Rotor	Outer working diameter	F/R	front: 256.2 (10.09)	
	Inner working diameter	F/R	front: 158.2 (6.23)	
	Thickness	F/R	front: 24.0 (0.945)	
	Material & type (vented/solid)	F/R	front: damped cast iron, vented	
Drum	Diameter & width	F/R	rear: 220 (8.66) × 44.26 (1.74)	
	Type and material	F/R	rear: cast composite	
Wheel cylinder bore			front: 54 (2.13); rear: 14.27 (0.562)	
Master cylinder	Bore/stroke	F/R	21.0 (0.827)/32.79 (1.291)	
Pedal arc ratio			all: 3.28:1	
Line pressure at 445 N(100 lb.) pedal load [kPa (psi)]			power: 9854 (1390)	
Lining clearance		F/R	no major adjustments	
Brake Lining	Front wheel (a)	Bonded or riveted (rivets/seq.)		riveted, 6/shoe
		Rivet size		4.65 (0.18) dia. × 7.5 (0.3)
		Manufacturer		Bendix
		Lining code *****		BX-JD-EE
		Material		molded metallic
		****	Primary or out-board	4970 × 11.08 (7.70 × 0.436)
		Size	Secondary or in-board	4970 × 11.08 (7.70 × 0.436)
		Shoe thickness (no lining)		5.33 (0.210)
	Rear wheel	Bonded or riveted (rivets/seq.)		riveted, 10/shoe
		Manufacturer		Bendix
		Lining code *****		--
		Material		rolled asbestos
		****	Primary or out-board	226.35 × 40.0 × 6.65 (8.91 × 1.575 × 0.262)
		Size	Secondary or in-board	226.35 × 40.0 × 6.65 (8.91 × 1.575 × 0.262)
		Shoe thickness (no lining)		2.17 (0.0854)

* Excludes rivet holes, grooves, chamfers, etc.

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

*** Total swept area for 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.

(a) area x thickness

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

Car Line **CHRYSLER NEW YORKER**

Model Year **1987**

Issued **6-20-86**

Revised (•)

Body Type And/Or
 Displacement

ALL

Tires and Wheels (Standard)

Tires	Size (load range)		P185/75 R 14, SL
	Type (bias, radial, etc.)		Steel Radial
	Inflation pressure (cold) for recommended max. vehicle load	Front [kPa (psi)]	220 (32)
		Rear [kPa (psi)]	220 (32)
	Rev./mile - at 70 km/h (45 mph)		834
Wheels	Type & material		Disc Steel
	Rim (size & flange type)		14 x 5.5 JJ
	Wheel offset		40 (1.6)
	Attachment	Type (bolt or stud)	Stud
		Circle diameter	100 (3.94)
		Number & size	5-M 12 x 1.5mm
Spare	Tire and wheel (same, if other describe)		T125/70 D14 Compact Spare on 14 x 4.0 T steel disc wheel
	Storage position & location (describe)		Vertical-Back of Rear Seat, Passenger Side

Tires and Wheels (Optional)

Size (load range)		
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)		
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)		

Same as Road Tire

Stored horizontally on rear floor pan, below cargo floor

Brakes - Parking

Type of control		Foot Operated Pedal/Hand Release Lever
Location of control		Lower Left End of 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 **CHRYSLER NEW YORKER**

Model Year **1987** Issued **6-20-86** Revised (•) _____

Body Type And/Or
 Engine Displacement

Standard Suspension

European Handling Suspension

Steering Manual (std., opt., n.a.)

Manual (std., opt., n.a.)				not available	
Power (std., opt., n.a.)				standard	
Adjustable steering wheel (tilt, swing, other)		Type and description		tilt	
		(Std., opt., n.a.)		optional	
Wheel diameter (W9) SAE J1100		Manual		--	
		Power		381 (15)	
Turning diameter m (ft.)	Outside front	Wall to wall (l. & r.)		11.9 (39.1)	
		Curb to curb (l. & r.)		11.0 (36.2)	
	Inside rear	Wall to wall (l. & r.)		6.3 (20.7)	
		Curb to curb (l. & r.)		6.4 (20.9)	
Scrub Radius*				-9 (-0.35)	
Manual	Gear	Type			
		Make			
		Ratios	Gear		
			Overall		
No. wheel turns (stop to stop)					
Power	Type (coaxial, linkage, etc.)			integral power unit	
	Make			TRW	
	Gear	Type		rack and pinion with integral power unit	
		Ratios	Gear	--	
			Overall	18.3:1	14.2:1
	Pump (drive)			pulley and belt, off crankshaft	
	No. wheel turns (stop to stop)			3.2	2.5
Linkage	Type			rack and pinion (rod and ball directly attached to gear)	
	Location (front or rear of wheels, other)			rear of wheels	
	Tie rods (one or two)			2 (tie rod inners integral with rack and pinion gear)	
Steering Axis	Inclination at camber (deg.)			13.3	
	Bearings (type)	Upper		ball bearing	
		Lower		ball joint	
		Thrust		ball bearing	
Steering spindle & joint type				Iso-Strut with lower ball joint	
Wheel spindle	Diameter	Inner bearing		76/42 (3.0/1.65) dia.; 37/40 (1.46/1.57) wide	
		Outer bearing		--	
	Thread (size)			M22 x 1.5	
	Bearing (type)			double row Unipack ball or tapered roller bearing	

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

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

Car Line **CHRYSLER NEW YORKER**

Model Year **1987** Issued **6-20-86** Revised (●) _____

Body Type And/Or
 Engine Displacement

All

Wheel Alignment

Front wheel at curb mass (wt.)	Service checking	Caster (deg.)	-
		Camber (deg.)	-0.2° to +0.8°
		Toe-in (deg.)	0.4° Toe-in to 0.2° Toe-out
	Service reset*	Caster	Not adjustable
		Camber	Same as above
		Toe-in	Same as above
	Periodic M.V. inspection	Caster	-
		Camber	-
		Toe-in	-
Rear wheel at curb mass (wt.)	Service checking	Camber	-1.3° to +0.3°
		Toe-in [outside track-mm (in.)]	0.6° Toe-out to 0.6° Toe-in (a)
	Service reset*	Camber	Same as above (shim)
		Toe-in	Same as above (shim)
	Periodic M.V. inspection	Camber	-
		Toe-in	-

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

Electrical - Instruments and Equipment

Electronic Cluster

Speedometer	Type	Vacuum fluorescent display
	Trip odometer (std., opt., n.a.)	Vacuum fluorescent display - Std.
EGR maintenance indicator		-
Charge indicator	Type	Vacuum fluorescent Voltmeter
	Warning device	Vacuum fluorescent display-red bar
Temp. Indicator	Type	Vacuum fluorescent gage
	Warning device	Vacuum fluorescent display-red bar
Oil pressure indicator	Type	Vacuum fluorescent gage
	Warning device	Vacuum fluorescent display-red bar
Fuel indicator	Type	Vacuum fluorescent gage
	Warning device	Vacuum fluorescent display-red bar
Wind shield wiper	Type (standard)	Electric 2-speed, Non-depressed park
	Type (optional)	Electric 2-speed, Intermittent wipe
	Blade length	406.4 (16)
	Swept area [cm ² (in. ²)]	5413 (839)
Windshield washer	Type (standard)	Electric (arm mounted)
	Type (optional)	-
	Fluid level indicator	Optional
Horn	Type mm(in.)	102 mm(4.0 in.) seashell
	Number used	2
Other		

(a) Measurements measured in degrees, not mm (in.)

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

Car Line **CHRYSLER NEW YORKER**

Model Year **1987** Issued **6-20-86** Revised (•) _____

Engine Description/Carb.

Engine Code

2.2L (135.0 in.³)	2.5L (153.0 in.³)
EFI Turbo, EDG	EFI, EDM

Electrical - Supply System

Battery	Make	Mopar
	Model, std., (opt.)	Group 34
	Voltage	12V
	Amps at 0°F cold crank	400 (500)
	Minutes-reserve capacity	100 (110)
	Amp/hr. - 20 hr. rate	60 (66)
	Location	Left front fender side shield
Alternator	Manufacturer	Chrysler or Robert Bosch
	Rating	90 Amp
	Ratio (alt. crank/rev.)	2.4:1
	Optional (type & rating)	-
Regulator	Type	(a)

Electrical - Starting System

Start, motor	Current drain at 0°F	210-250A	230-280A
Motor drive	Engagement type	Solenoid shift	
	Pinion engages from (front, rear)	Front	

Electrical - Ignition System

Type	Electronic (std., opt., n.a.)	n.a.		
	Other (specify)	(a)		
Coil	Make	UTC	Prestolite	Diamond
	Model	5226865	5227372	5227252
	Current	Engine stopped - A		
		3.0A		
Spark plug	Make	Champion		
		RN12YC		
	Thread (mm)	14 mm		
	Tightening torque [N-m (lb-ft)]	28 (20)		
	Gap	0.9 (0.035)		
	Number per cylinder	one		
Distributor	Make	Chrysler		
	Model	5226525	5226575	

Electrical - Suppression

Locations & type	
------------------	--

(a) Engine control computer with electronic spark advance and voltage regulator

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

Car Line **CHRYSLER NEW YORKER**

Model Year **1987** Issued **6-20-86** Revised(*)

Body Type

41

Body

Structure	
Bumper system front - rear	Front - Urethane Fascia 3.3 kg. (7.2 lbs.) Steel 9.8 kg. (21.6 lbs.) Rear - Urethane Fascia 3.3 kg. (7.2 lbs.) Ultra high strength steel 5.7 kg. (12.5 lbs.)
Anti - corrosion treatment	Extensive use of galvanized steel

Body - Miscellaneous Information

Type of finish (lacquer, enamel, other)	Buffable acrylic enamel	
Hood	Hinge location (front, rear)	Rear
	Type (counterbalance, prop)	Counterbalanced, clockspring
	Release control (internal, external)	Internal
Trunk-lid	Type (counterbalance, other)	Counterbalanced, Torsion bar
	Internal release control (elec., mech., n.a.)	Cable release, Opt.
Hatch-back lid	Type (counterbalance, other)	--
	Internal release control (elec., mech., n.a.)	--
Station Wagon		
Vent window control (crank, friction, pivot, power)	Front	None
	Rear	None
Seat cushion type (e.g., 60/40, bucket, bench, wire, foam, etc.)	Front	50/50 Flex - O - Lator Mat
	Rear	Full foam with zig-zag helper elements
	3rd seat	--
Seat back type (e.g., 60/40, bucket, bench, wire, foam, etc.)	Front	50/50 Flex-O-Lator Mat
	Rear	Formed wire
	3rd seat	--

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

Car Line CHRYSLER NEW YORKER
 Model Year 1987 Issued 6-20-86 Revised (•) _____

Body Type

41

Restraint System

Active restraint system	Standard/optional	Standard
	Type and description	Front: Outboard Lap and shoulder belt, center: lap belt Rear: Lap belt
	Location	Front: three Rear: three
Passive seat belts	Standard/optional	-
	Power/manual	-
	2 or 3 Point	-
	Knee bar/lap belt	-

Frame

Type and description (separate frame, unitized frame, partially unitized frame)		Unitized construction
Glass	SAE Ref. No.	
Windshield glass exposed surface area [cm ² (in ²)]	S1	8069 (1251)
Side glass exposed surface area [cm ² (in ²)]	S2	10395 (1612)
Backlight glass exposed surface area [cm ² (in ²)]	S3	3303 (512)
Total glass exposed surface area [cm ² (in ²)]	S4	21775 (3375)
Windshield glass (type)		Laminated safety glass
Side glass (type)		Heat treated safety glass
Backlight glass (type)		Heat treated safety glass

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

Car Line **CHRYSLER NEW YORKER**

Model Year **1987** Issued **6-20-86** Revised(•) _____

Body Type

41

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

Air conditioning (manual, auto, temp. control)		ATC - Opt.
Clock (digital, analog)		Digital - Std. with radio
Compass/thermometer		Opt.
Console (floor, overhead)		Instrument panel and Header mounted - Std.
Defroster, elec. backlight		EBL - Opt.
Electronic	Diagnostic warning (integrated, individual)	Std.
	Instrument cluster (list instruments)	Std. - See page 15
	Keyless entry	N.A.
	Tripminder (avg. spd. fuel)	Std.
	Voice alert (list items)	Std. See page 19A
	Other	
	Message center	Light bar message center - Std.
Fuel door lock (remote, key, electric)		Remote - Std.
Lamps	Auto head on/off delay, dimming	N.A.
	Cornering	Std.
	Courtesy (map reading)	Front & rear reading-Std. Front & rear door courtesy-Std
	Door lock, ignition	Door lock - Opt., Ignition - Std.
	Engine compartment	N.A.
	Fog	N.A.
	Glove compartment	Std.
	Trunk	Std.
	Other	Dome- Rear (dual) courtesy - Std.
Mirrors	Day/night (auto. man.)	Manual - Std.
	L.H. (remote, power, heated)	Power - Std.
	R.H. (convex, remote, power, heated)	Power convex - Std.
	Visor vanity (RH/LH, illuminated)	RH Illuminated - Opt.
Parking brake - auto release (warning light)		Auto release - N.A.
Power equipment	Door locks/ deck lid - specify	Door locks - Opt.
	Seat (2-4-6 way)	
	heated (driver, pass., other)	Driver only 6 Way 50/50 - Opt.
	lumbar, hip, thigh support (power, manual)	Driver and passenger 6 Way 50/50 - Opt.
	reclining (driver, pass.)	Driver and passenger recliners - Std.
	memory (1-2 preset, recline)	
	Side windows	Std.
	Vent windows	N.A.
Radio Systems	Antenna (location, whip, w/shield, power)	Whip - Std. Power - whip- Opt.- Right front fender
	AM, FM, stereo, tape, CB	(a) - Std. (b)(c) - Opt. See Page 19A
	Speaker (number, location) Premium sound	4 speakers - Std. 6 speakers - Opt.
Roof open air/fixed (flip-up, sliding, "T")		N.A.
Speed control device		Opt.
Speed warning device (light, buzzer, etc.)		N.A.
Tachometer (rpm)		N.A.
Telephone system - mobile		N.A.
Theft protection-type		Inside Hood Release-Std. Glove Box Lock-Std. Locking Steering Column-Std. Anti-theft Labels-Std. Inside fuel filler door release - Std.

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

Car Line **CHRYSLER NEW YORKER**

Model Year **1987** Issued **6-20-86** Revised(•) _____

-
- (a) AM Electronically Tuned Radio
 - (b) AM/FM/MX ETR (Includes 2 front 2 rear speaker system) - Opt.
 - (c) AM/FM/MX Cassette/ETR (Includes 4 front 2 rear speaker system) - Opt.
 - (d) AM/FM/MX Cassette/ETR Ultimate Sound System (Includes 4 front 2 rear "Infinity" speakers) - Opt.

Electronic Voice Alert Includes: Key in ignition, Headlights on, Fasten seat belts, Door ajar, Low washer fluid, Parking brake on Low fuel, Low engine oil pressure, Engine overheating, Electrical system malfunction and all monitored systems functioning.

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

Car Line **CHRYSLER NEW YORKER**

Model Year **1987** Issued **6-20-86** Revised(*)

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.	41
-----------	--------------	----

Width

Tread (front)	W101	1464 (57.6)
Tread (rear)	W102	1453 (57.2)
Vehicle width	W103	1727 (68.0)
Body width at SgRP (front)	W117	1725 (67.9)
Vehicle width (front doors open)	W120	3431 (135.1)
Vehicle width (rear doors open)	W121	3189 (125.6)
Front fender overall width	W106	1709 (67.3)
Rear fender overall width	W107	1727 (68.0)
Tumble-home (deg.)	W122	23°

Length

Wheelbase	L101	2624 (103.3)
Vehicle length	L103	4756 (187.2)
Overhang (front)	L104	1006 (39.6)
Overhang (rear)	L105	1126 (44.3)
Upper structure length	L123	2478 (97.6)
Rear wheel C/L "X" coordinate	L127	2712 (106.8)
Cowl point "X" coordinate	L125	537 (21.1)
Front end length at centerline	L126	1453 (57.2)
Rear end length at centerline	L129	825 (32.2)

Height*

Passenger distribution (front/rear)	PD 1,2,3	2 - Front 3 - Rear
Trunk/cargo load		--
Vehicle height	H101	1350 (53.1)
Cowl point to ground	H114	915 (36.0)
Deck point to ground	H138	949 (37.4)
Rocker panel front to ground	H112	252 (9.9)
Bottom of door closed front to ground	H133	285 (11.2)
Rocker panel rear to ground	H111	183 (7.2)
Bottom of door closed rear to ground	H135	252 (9.9)
Windshield slope angle	H122	53°
Backlight slope angle	H121	53°

Ground Clearance

Front bumper to ground	H102	317 (12.5)
Rear bumper to ground	H104	290 (11.4)
Bumper to ground (front at curb mass (wt.))	H103	334 (14.6)
Bumper to ground (rear at curb mass (wt.))	H105	370 (14.6)
Angle of approach (degrees)	H106	19°
Angle of departure (degrees)	H107	16°
Ramp breakover angle (degrees)	H147	11°
Axle differential to ground (front/rear)	H153	150 (5.9)
Min. running ground clearance	H156	127 (5.0)
Location of min. run. ground clearance		Frt. Susp. C'mbr. Brkt. (left hand side)

* All vehicle height and ground clearance are made at the Manufacturer's Design Load Weight unless otherwise noted

Manufacturer's Design Load Weight is defined with indicated passenger distribution and trunk/cargo load.

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

Car Line **CHRYSLER NEW YORKER**

Model Year **1987** Issued **6-20-86** Revised(*)

See Key Sheets for Definitions

Body Type

SAE Ref. No.	All
	50/50 - Bench Seat

Front Compartment

SgRP front, "X" coordinate	L31	1405 (55.3)
Effective head room	H61	981 (38.6)
Max. eff. leg room (accelerator)	L34	1072 (42.2)
SgRP to heel point	H30	264 (10.4)
SgRP to heel point	L53	864 (34.0)
Back angle	L40	24°
Hip angle	L42	97°
Knee angle	L44	127°
Foot angle	L46	87°
Design H - point front travel	L17	197 (7.8)
Normal driving & riding seat track trvl.	L23	178 (7.0)
Shoulder room	W3	1407 (55.4)
Hip room	W5	1343 (52.9)
Upper body opening to ground	H50	1091 (43.0) To "O"
Steering wheel maximum diameter*	W9	381 (15.0)
Steering wheel angle	H18	26°
Accel. heel pt. to steering wheel center	L11	511 (20.1)
Accel. heel pt. to steering wheel center	H17	641 (25.2)
Steering wheel to C/L of thigh	H13	110 (4.3)
Steering wheel torso clearance	L7	333 (13.1)
Headlining to roof panel	H37	15 (0.6)
Undepressed floor covering thickness	H67	22 (0.9)

Rear Compartment

SgRP Point couple distance	L50	832 (32.8)
Effective head room	H63	947 (37.3)
Min. effective leg room	L51	966 (38.0)
SgRP (second to heel)	H31	284 (11.2)
Knee clearance	L48	66 (2.6)
Compartment room	L3	697 (27.4)
Shoulder room	W4	1421 (55.9)
Hip room	W6	1358 (53.5)
Upper body opening to ground	H51	1090 (42.9)
Back angle	L41	25°
Hip angle	L43	90°
Knee angle	L45	102°
Foot angle	L47	128.5°
Headlining to roof panel (second)	H38	20 (0.8)
Depressed floor covering thickness	H73	13 (0.5)

Luggage Compartment

Usable luggage capacity [L (cu. ft.)]	V1	484 (17.1)
Liftover height	H195	738 (39.1)

Interior Volumes (EPA Classification)

Vehicle class (subcompact, compact, etc.)		Mid - size
Interior volume index (cu. ft.)		115.2
Trunk/cargo index (cu. ft.)		484 (17.1)

* 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

Car Line **CHRYSLER NEW YORKER**

Model Year **1987** Issued **6-20-86** Revised(*)

See Key Sheets for Definitions

Body Type

SAE
Ref.
No.

41

Station Wagon - Third Seat

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	
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 (second)	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	V10	

Aerodynamics*

Wheel lip to ground, front	630 (24.8)
Wheel lip to ground, rear	622 (24.5)
Frontal area [m ² (ft. ²)] (c)	2.02 (21.69) (a)
Drag coefficient (Cd)	N.A.

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

*EPA Loaded Vehicle Weight, Loading Conditions

(a) All tires, two mirrors, antenna and vinyl roof

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

Car Line CHRYSLER NEW YORKER

Model Year 1987 Issued 6-20-86 Revised(*)

Body Type

All

Vehicle Fiducial Marks

Fiducial Mark Number*		Define Coordinate Location
Front		The center of gauge holes located in front longitudinal approximately 836 mm (32.9 in.) from centerline of front wheels.
Rear		The center of gauge holes located in rear longitudinal approximately 3363.9 mm (132.4 in) from the centerline of front wheels.
Front	W21	433.5 (17.1)
	L54	925 (36.4)
	H81	-9 (-0.35) Bottom surface of Longitudinal
	H161	
	H163	
Rear	W22	527.6 (20.8)
	L55	3452.4 (135.9)
	H82	236 (9.3) Bottom Surface of Longitudinal
	H162	
	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 CHRYSLER NEW YORKER

Model Year 1987 Issued 6-20-86 Revised(*)

Body Type

All

Lamps and Headlamps Shape*

Height above ground to center of bulb or marker	Headlamp (SAE - H127)	Highest**	678.8
		Lowest	--
	Taillamp (SAE - H128)	Highest**	702.8
		Lowest	695.8
	Sidemarker	Front	525.3
		Rear	692.8
Distance from centerline of car to center of bulb or marker	Headlamp	Inside	449.5
		Outside**	637.5
	Taillamp	Inside	486.5
		Outside**	770.5
	Directional	Front	643.0
		Rear	610.0

Halogen headlamp (std., opt., n.a.)	Lo beam	Standard
	Hi beam	Standard
	Replaceable bulb	N.A.
	Shape	Rectangular
Headlamp other than above	Lo beam	--
	Hi beam	--
	Replaceable bulb	--
	Shape	--
	Type	--

* Measured at curb mass (weight)

** If single lamps are used enter here.

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

Car Line CHRYSLER NEW YORKER
 Model Year 1987 Issued 6-20-86 Revised(•)

Estimated

	Vehicle Mass (Weight)							
Model	CURB MASS, kg (weight, lb.)*			% PASS. MASS DISTRIBUTION				SHIPPING MASS, kg (weight, lb.)**
	Front	Rear	Total	Pass. in Front		Pass. in Rear		
				Front	Rear	Front	Rear	
Four door - sedan								
2.5L (153.0 in ³) engine	773 (1704)	478 (1053)	1251 (2757)	51.6	48.4	19.8	80.2	1221 (2691)
2.2L (135.0 in. ³) engine	774 (1706)	478 (1053)	1252 (2759)	51.6	48.4	19.8	80.2	1222 (2693)

* Reference - SAE J1100 Motor vehicle dimensions, curb weight definition.

** Shipping mass (weight) definition-

METRIC (U.S. Customary)

Model Year **1987** Issued **6-20-86** Revised(*)

Estimated

[illegible]

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