

# MANUFACTURERS MOTOR VEHICLE SPECIFICATIONS

METRIC (U.S. Customary)

Passenger Car

1987

Manufacturer <b>CHRYSLER MOTORS</b>	Car Line <b>DODGE DAYTONA</b>	
Mailing Address <b>DETROIT, MICHIGAN 48288</b>	Issued <b>JUNE 20, 1986</b>	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.

# **MVMA Specifications Form**

## **Passenger Car**

**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 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 DODGE DAYTONA

Model Year 1987

Issued 6-20-86

Revised (a) \_\_\_\_\_

**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)
<b>FWD</b>				
<b>DAYTONA</b> 2-DOOR HATCHBACK	SEPT. 1986	VH24	4(2/2)	52(115)
<b>DAYTONA TURBO Z</b> 2-DOOR HATCHBACK	SEPT. 1986	VS24	4(2/2)	52(115)
<b>DAYTONA PACIFICA</b> 2-DOOR HATCHBACK	SEPT. 1986	VP24	4(2/2)	52(115)

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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					E x h a u s t S/D	TRANSMISSION TRANSAXLE	AXLE RATIO (std. first)
	Displ. Liters (in. <sup>3</sup> )	Carb. (Barrel, FI, etc.)	Compr. Ratio	SAE Net at RPM				
				kW (bhp)	Torque N-m (lb. ft.)			
STD. - S	2.2L (135) EDR	EFI Turbo (b)	8.1	130 (174) @ 4800	271 (200) @ 3200	S	MANUAL 5-Speed	2.74
STD. - P OPT. - H&S	2.2L (135) EDG	EFI Turbo	8.1	109 (146) @ 5200	230 (170) @ 3600	S	MANUAL 5-Speed (a)	2.51
							AUTOMATIC	3.02
STD. - H	2.5L (153) EDM	EFI	9.0	75 (100) @ 4800	180 (133) @ 2800	S	MANUAL 5-Speed	2.51
							AUTOMATIC	3.02

(a) N.A. - S

(b) Intercooled

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Car Line **DODGE DAYTONA**

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

Engine description/Carb.  
 Engine Code

**2.2L (135.0 in<sup>3</sup>)**  
**EFI Turbo, EDR**

**2.2L (135.0 in<sup>3</sup>)**  
**EFI Turbo, EDG**

**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)	
Cylinder block deck height	237.8 (9.36)	
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 (cm <sup>3</sup> )	48.5 -51.5	
Cylinder liner material	n.a.	
Head gasket thickness (compressed)	1.78 (.070)	
Minimum combustion chamber total volume (cm <sup>3</sup> )	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 mat'l. & mass [kg(lbs.)]**	Aluminum 5.65 (12.5)	Aluminum 2.13 (4.7)
Exhaust manifold mat'l. & mass [kg(lbs.)]**	Cast iron 4.11 (9.1)	Cast iron 4.26 (9.4)
Recommended fuel (leaded, unleaded, diesel)	Super or premium unleaded	
Fuel antiknock index $\frac{R + M}{2}$	91 octane or higher (recommended)	
	87 octane or higher (acceptable)	
Total dressed engine mass (wt) dry***	141.75 (312.5)	135.44 (298.6)

**Engine - Pistons**

Material & mass, g (weight, oz.) piston only	Aluminum	
	430 (15.41)	443 (15.2)

**Engine - Camshaft**

Location	Overhead	
Material & mass kg (weight, lbs.)	Hardenable cast iron 2.95 (6.5)	
Drive type	Chain/belt	Belt
	Width/pitch	Width: 24.7 (0.972); Pitch: 9.52 (0.375)

\*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

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Car Line **DODGE DAYTONA**

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

Engine description/Carb.  
 Engine Code

**2.5L (153.0 in<sup>3</sup>)**  
**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 <sub>a</sub>	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 39.42 (86.9)	
Cylinder block deck height	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 (cm <sup>3</sup> )	48.5 - 51.5	
Cylinder liner material	n.a.	
Head gasket thickness (compressed)	1.78 (.070)	
Minimum combustion chamber total volume (cm <sup>3</sup> )	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 mat'l. & mass [kg(lbs.)]**	Aluminum 2.61 (5.8)	
Exhaust manifold mat'l. & mass [kg(lbs.)]**	Cast iron 6.23 (13.7)	
Recommended fuel (leaded, unleaded, diesel)	Regular unleaded	
Fuel antiknock index $\frac{R + M}{2}$	87 octane or higher	
Total dressed engine mass (wt) dry***	140.57 (309.9)	

**Engine - Pistons**

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

**Engine - Camshaft**

Location	Overhead	
Material & mass kg (weight, lbs.)	Hardenable cast iron 2.92 (6.4)	
Drive type	Chain/belt	Belt
	Width/pitch	Width: 23.8 (0.937); Pitch: 9.52 (0.375)

\*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

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**Cae and Body Dimensions**

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Model Year **1987**

Issued **6-20-86**

Revised(•)

Engine description/Carb.  
 Engine Code

**2.2L (135.0 in.3)**  
**EFI, EDF, 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 nozzle	Type Opening pres. [kPa (psi)]
Pre-chamber design	
Fuel inj. 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**

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

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**Chassis and Body Dimensions**

Car Line **DODGE DAYTONA**

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

Engine description/Carb.  
 Engine Code

**2.2 L (135.0 in.<sup>3</sup>)**  
**EFI Turbocharged, Intercooled, EDR**

**Engine - Valve System**

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

**Engine - Connecting Rods**

Material & Mass (kg., (weight lbs.))	Forged Steel: .7 (1.5)
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**Engine - Crankshaft**

Material & Mass (kg., (weight lbs.))	Forged Steel: 18.74 (41.3)
End thrust taken by bearing (no.)	Three
Number of main bearings	Five
Seal (material, one, two piece design, etc.)	Front
	Rear
	One piece
	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 nozzle	Type
	Opening pres. (kPa (psi))
Pre-chamber design	
Fuel inj. 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**

Turbo-charger - Manufacturer	Garrett
Super-charger - manufacturer	N.A.
Charge cooler	Air to air, furnace brazed aluminum, integral with radiator



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Engine Description/Carb.  
 Engine Code

2.5 L (153.0 in. <sup>3</sup> ) EFI, EDM		2.2 L (135.0 in. <sup>3</sup> ), 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) (c)	copper-brass, 4.55 (10.0) man., 5.03 (11.1) auto.
	Width	533.4 (21.0)	
	Height	387.6 (15.26)	
	Thickness	17.8 (0.7)	
Fins per inch		13	15 man./20 auto. 23
Radiator end tank material		Nylon 66	
Fan	Std., elec., opt.	Electric	
	Number of blades & type (flex, solid, material)	2-Blade Metal	5-blade plastic
	Diameter & projected width	315(12.4)/33(1.3)	360 (14.2) / 46 (1.8) 375(14.7)/48(1.9)
	Ratio (fan to crankshaft rev.)	-	
	Fan cutout type	Electric Motor	
	Drive type (direct, remote)	-	
	RPM at idle (elec.)	1815	1790 2200
	Motor rating (wattage) (elec.)	65	130 200
	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

(c) 4.22 (9.3) man., 4.63 (10.2) auto.

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Car Line **DODGE DAYTONA**

Model Year **1987**

Issued **6-20-86**

Revised (•) \_\_\_\_\_

Engine Description/Carb.  
 Engine Code

**2.2 L (135.0 in.³)**  
**MPI, turbocharged, intercooled**  
**EDR**

**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	Standard
	Type (cross-flow, etc.)	Cross-flow
	Construction (fin&tube, mechanical, braze, etc.)	Tube & fin, spacer, soldered, double row
	Material, mass[kg(wt., lbs.)]	Copper-brass, 9.12 (20.1) (a)
	Width	381 (15)
	Height	387.6 (15.26)
	Thickness	38.1 (1.5)
	Fins per inch	19
Radiator end tank material		Brass
Fan	Std., elec., opt.	Electric
	Number of blades & type (flex, solid, material)	5-blade plastic
	Diameter & projected width	375 (14.7) / 48 (1.9)
	Ratio (fan to crankshaft rev.)	--
	Fan cutout type	Electric motor
	Drive type (direct, remote)	--
	RPM at idle (elec.)	2200
	Motor rating (wattage) (elec.)	200
	Motor switch (type & loc.) (elec.)	Thermistor, water box, AC, & turbocharger
	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 purchased assembly including intercooler.

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Engine Description/Carb.

Engine Code

<b>2.5L (153.0 in<sup>3</sup>)</b> <b>EFI</b> <b>EDM</b>	<b>2.2L (135.0 in<sup>3</sup>)</b> <b>Turbo EFI,</b> <b>EDG</b>	<b>2.2L (135.0 in<sup>3</sup>)</b> <b>Turbo II EFI,</b> <b>EDR</b>
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**Engine - Fuel System**

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

Induction type: carb., fuel inj. sys., etc.			<b>electronic fuel injection</b>	
Carburetor	Mfr.		Bosch or Holly	Bosch Holly
	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

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Engine Description/Carb.  
 Engine Code

<b>2.5L (153.0 in.<sup>3</sup>)</b> <b>EFI</b> <b>EDM</b>	<b>2.2L (135.0 in.<sup>3</sup>)</b> <b>Turbo I, EFI, EDG;</b> <b>Turbo II, EDR</b>
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**Vehicle Emission Control**

	Type (air injection, eng. modifications)		(a)	(b)
Exhaust Emission Control	Air injection	Pump or pulse	pulse	none
		Driven by	exhaust pressure	--
		Air distribution (head, manifold, etc.)	single point	--
		Point of entry	exhaust manifold collector	--
	Exhaust Gas Recirculation	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. <sup>3</sup> ]	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	
Evaporative emission control	Vapor vented to (crankcase, 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	
Muffler no. & type (reverse flow, straight through separate resonator) Material & mass [kg. (weight lbs.)]		one reverse flow	
		stainless steel 5.22(11.5)	stainless steel 5.76 (12.7)
Resonator no. & type		none	
Exhaust pipe	Branch o. d., wall thickness	50.8 x 1.4 (2.00 x 0.055)	57/63.5 x 1.4(2.2/2.5x0.055)
	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 4.63 (10.2)(c)	stainless steel 1.23(2.7)
Intermediate pipe	o. d., & wall thickness	47.8 x 1.2(1.88 x 0.047)	57/50.8x1.4(2.2/2.0x0.055)
	Material & mass [kg. (weight lbs.)]	stainless steel 2.57 (5.7)	stainless steel 8.03 (17.7)(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 1.56 kg.(3.44 lbs.) - federal manual transmission 1.69kg.(3.72lbs.) federal auto. trans. & California - substrate and stainless steel mesh

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

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**Passenger Car**  
**METRIC (U.S. Customary)**

Car Line **DODGE DAYTONA**

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

Engine Description/Carb.  
 Engine Code

<b>2.5L (153.0 in<sup>3</sup>)</b> <b>EFI</b> <b>EDM</b>	<b>2.2L (135.0 in<sup>3</sup>)</b> <b>TURBO EFI</b> <b>EDG</b>
--	--

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

**Manual Transmissions/Transaxle**

Number of forward speeds		5
Transmission ratios	In first	3.29
	In second	2.08
	In third	1.45
	In fourth	1.04
	In fifth	0.72
	In overdrive	--
	In reverse	3.14
Synchronous meshing (specify gears)		all forward gears
Shift lever location		floor
Lubricant	Capacity [L(pt.)]	2.3L (4.81 pt.)
	Type recommended	API SF/CC
	SAE viscosity number	Summer SAE 5W-30
		Winter SAE 5W-30
		Extreme cold SAE 5W-30

**Clutch (Manual Transmission)**

Make, type, engagement (describe) - (hydraulic, cable, rod)		Luk, dry disc cable	Fichtel and Sachs, dry disc cable
Assist (yes, no/percent)		no	
Type pressure plate springs		belleville	
Total spring load [N(lb.)]		4700 (1057)	5800 (1304)
No. of clutch driven discs		one	
Clutch facing	Material	woven asbestos	
	Manufacturer	Textar	
	Part Number	181862101001	
	Rivets/Plate	16	
	Rivet Size	9.5 (.374)	
	Outside & inside diameter	228 x 150 (8.98 x 5.91)	
	Total eff. area [cm <sup>2</sup> (in <sup>2</sup> )]	438.0 (67.9)	
	Thickness	3.5 (0.138)	
Engagement cushion method		wave spring segments	
Release Bearing	Type & method of lubrication	angular contact ball bearing, permanently lubed with grease	
Torsional Damping	Method: springs, frictional material	coil springs and fiber friction washers	

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Engine Description/Carb.  
 Engine Code

**2.2L (135.0 in<sup>3</sup>)**  
**TURBO II EFI**  
**EDR**

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

**Manual Transmissions/Transaxle**

Number of forward speeds		5
Transmission ratios	In first	3.00
	In second	1.89
	In third	1.28
	In fourth	0.94
	In fifth	0.71
	In overdrive	--
	In reverse	3.14
Synchronous meshing (specify gears)		all forward gears
Shift lever location		floor
Lubricant	Capacity [L(pt.)]	2.3L (4.81 pt.)
	Type recommended	API SF/CC
	SAE viscosity number	Summer SAE 5W-30
		Winter SAE 5W-30
		Extreme cold SAE 5W-30

**Clutch (Manual Transmission)**

Make, type, engagement (describe) - (hydraulic, cable, rod)		Fichtel and Sachs, dry disc cable
Assist (yes, no/percent)		no
Type pressure plate springs		belleville
Total spring load [N(lb.)]		6200 (1394)
No. of clutch driven discs		one
Clutch facing	Material	woven asbestos
	Manufacturer	Textar
	Part Number	181862183001
	Rivets/Plate	16
	Rivet Size	9.5 (.374)
	Outside & inside diameter	228 x 150 (8.98 x 5.91)
	Total eff. area [cm <sup>2</sup> (in <sup>2</sup> )]	438.0 (67.9)
	Thickness	3.2 (.126)
Engagement cushion method		wave spring segments
Release Bearing	Type & method of lubrication	angular contact ball bearing, permanently lubed with grease
Torsional Damping	Method: springs, frictional material	coil springs and fiber friction washers

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Engine Description/Carb.

Engine Code

**2.2L (135.0 in<sup>3</sup>)**  
**EFI Turbo, EDG**

**2.5L (153.0 in<sup>3</sup>)**  
**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 <sub>3</sub>	-	
	L <sub>2</sub>	2.69, 1.55	
	L <sub>1</sub>	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		four	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)		2.51	3.02	2.74
No. of teeth	Pinion	14	21	13
	Ring gear or gear	49	60	50
Ring gear o.d.		197.46 (7.77)	184.53 (7.26)	203.10 (8.00)
Transaxle	Transfer gear ratio	-	1.06	--
	Final drive ratio	3.50	2.86	3.85

(a) Torque Converter, Transmission, and Differential

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

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Engine Description/Carb.  
 Engine Code

**2.2L (135.0 in.<sup>3</sup>)**  
**EFI TURBO II, EDR**

**2.2L (135.0 in.<sup>3</sup>)**  
**EFI Turbo, EDG**

**Axle Shafts - Front Wheel Drive**

Number used			Two	
Type (straight, solid bar, tubular, etc.)		Left	Solid bar	
		Right	Solid bar	
Outer diam. x length* x wall thickness	Manual transmission	Left	GKN 22.9 x 331.9 (0.90 x 13.07)	(a)
		Right	GKN 22.9 x 331.9 (0.90 x 13.07)	(a)
	Automatic transmission	Left	n.a.	(a)
		Right	n.a.	(a)
	Optional transmission	Left	-	-
		Right	-	-
Slip Yoke	Type		-	
	Number of teeth		-	
	Spline o.d.		-	
Universal joints	Make and mfg. no.	Inner	GKN GI82	GKN-Eur: GI72 or Citroen or SSG #19
		Outer	GKN 98AC	(b)
	Number used		Two	
	Type, size, plunge	Inner	Tripod 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 13.05) or SSG: 23.8 x 327.5 (0.94 x 12.89) or Citroen: 22.9 x 333.2 (0.90 x 13.12)

(b) GKN-Eur: 95AC or Citroen or SSG #23



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Engine Description/Carb.  
 Engine Code

**2.5L (153.0 in.<sup>3</sup>)**  
**EFI, EDM**

**Axle Shafts - Front Wheel Drive**

Number used		Two	
Type (straight, solid bar, tubular, etc.)		Left	Solid bar
		Right	Tube
Outer diam. x length* x wall thickness	Manual transmission	Left	(a)
		Right	(b)
	Automatic transmission	Left	(a)
		Right	(b)
	Optional transmission	Left	-
		Right	-
Slip Yoke	Type		-
	Number of teeth		-
	Spline o.d.		-
Universal joints	Make and mfg. no.	Inner	GKN-Eur: G172 or Citroen or SSG #19
		Outer	GKN-Eur: 95 AC or Citroen or SSG #23
	Number used		Two
	Type, size, plunge	Inner	Tripod 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) 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 12.98)  
 (b) Citroen 40 x 598.3 x 3.2 (1.57 x 23.56 x 0.126) or GKN-Eur: 40.5 x 600.8 x 2.7 (1.59 x 23.65 x 0.106)  
 or SSG: 38.0 x 591.1 x 5.0 (1.50 x 23.27 x 0.197)

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Body Type And/Or  
 Engine Displacement

24		
Standard (SDA)	Firm Feel (SDC)	Firm Feel (SDE)

**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 and 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-Hydraulic	Gas Charged-Hydraulic
	Make	Front: Monroe	Rear: Monroe
	Piston diameter	Front: 32 (1.26)	Rear: 30.2 (1.19)
	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	65.0 (2.56)	72.7 (2.86)
	Full rebound	109.4 (4.30)	101.7 (4.00)
Spring	Type (coil, leaf, other) & mat'l	coil, AISI 5160H Chromium Steel	
	Insulators (type & material)	Compression: Rubber	
	Size (coil design height & i.d., bar length x dia.)	229 x 152 I.D. (9.00 x 6.00 I.D.)	
	Spring rate [N/mm (lb./in.)]	14.9 (85)	21.0 (120)
	Rate at wheel [N/mm (lb./in.)]	18.4 (105)	24.5 (140)
Stabilizer	Type (link, linkless, frameless)	Linkless	
	Material & bar diameter	AISI 1090 Spring Steel 27.0 (1.06)	31.8 (1.25)

**Suspension - Rear**

Type and description		Trailing Flex Arm with Track Bar	
Drive and torque taken through		Arm	
Travel	Full jounce**	104.3(4.10)	76.6(3.01) 85.8(3.87)
	Full rebound	100.6(3.96)	92.9(3.65) 83.7(3.30)
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)	42 (240)
	Rate at wheel [N/mm (lb./in.)]	17.8 (102)	27 (151)
	Insulators (type & material)	Compression: Rubber	
	If. leaf	-	
Stabilizer	Type (link, linkless, frameless)	Frameless ERW Tube	Frameless Solid Rod
	Material & bar diameter	80KSI HSLA Steel 28.6 (1.13) O.D.	80KSI HSLA Steel 28.6 (1.13) O.D.
Track bar (type)		Channel type	

\*\* from curb

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Car Line **DODGE DAYTONA**

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Body Type And/Or  
 Engine Displacement

**EDG - EDM**

**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)		dual proportioning valve	
Power brake (std., opt., n.a.)			standard	
Booster type (remote, integral, vac., hyd., etc.)			vacuum, single or tandem	
Vacuum source (inline, pump, etc.)			intake manifold	
Vacuum reservoir (volume in. <sup>3</sup> )			--	
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 <sup>2</sup> (in. <sup>2</sup> )]* (F/R)			526.88 (1.67)	
Gross lining area [cm <sup>2</sup> (in. <sup>2</sup> )]** (F/R)			560.96 (86.95)	
Swept area[cm <sup>2</sup> (in. <sup>2</sup> )]*** (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 (8.86) x 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. x 7.57 (0.3)
		Manufacturer		Bendix
		Lining code *****		BX-JD-EE
		Material		molded metallic
		****	Primary or out-board	4970 x 11.08 (7.70 x 0.436)
		Size	Secondary or in-board	4970 x 11.08 (7.70 x 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 x 40.0 x 6.65 (8.91 x 1.575 x 0.262)
		Size	Secondary or in-board	226.35 x 40.0 x 6.65 (8.91 x 1.575 x 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

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Body Type And/Or  
 Engine Displacement

**SHELBY Z and PACIFICA**

**Brakes - Service**

Description			Hydraulic actuated four-wheel disc		
Brake type (std., opt., n.a.)		Front (disc or drum)	disc		
		Rear (disc or drum)	disc		
Self-adjusting (std., opt., n.a.)			standard		
Special valving	Type (proportion, delay, metering, other)		Dual proportioning valve		
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. <sup>3</sup> )			--		
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 <sup>2</sup> (in. <sup>2</sup> )]* (F/R)			248.04 (38.45)		
Gross lining area [cm <sup>2</sup> (in. <sup>2</sup> )]** (F/R)			298.88 (46.33)		
Swept area[cm <sup>2</sup> (in. <sup>2</sup> )]*** (F/R)			2319.31 (359.49)		
Rotor	Outer working diameter		F/R	254.8 (10.03)/271.4 (10.69)	
	Inner working diameter		F/R	160.8 (6.33)/176.5 (6.95)	
	Thickness		F/R	24.0 (0.945)/8.75 (0.344)	
	Material & type (vented/solid)		F/R	damped cast iron, vented	
Drum	Diameter & width		F/R	n.a.	
	Type and material		F/R	n.a.	
Wheel cylinder bore			F: 54.0 (2.13)	R: 33.0 (1.30)	
Master cylinder	Bore/stroke	F/R	22.22 (0.875)/32.79 (1.291)		
Pedal arc ratio			3.28:1		
Line pressure at 445 N(100 lb.) pedal load [kPa (psi)]					
Lining clearance		F/R	No major adjustment		
Brake Lining	Front wheel (a)	Bonded or riveted (rivets/seq.)		riveted, 6/shoe	
		Rivet size		3.57 (0.14) × 8.48 (0.33)	
		Manufacturer		Friction Products Division	
		Lining code *****		TP-1471-EE	
		Material		Semi-metallic, non-asbestos	
		****	Primary or out-board	4764 × 11.34 (7.38 × 0.446)	
		Size	Secondary or in-board	4280 × 12.34 (6.63 × 0.486)	
		Shoe thickness (no lining)		Outer: 4.83 (0.190); Inner: 5.68 (0.224)	
	Rear wheel	Bonded or riveted (rivets/seq.)		riveted	
		Manufacturer		Friction Products Division	
		Lining code *****		TP-1471-EE	
		Material		Semi-metallic, non-asbestos	
		****	Primary or out-board	294.99 × 9.65 (11.61 × 0.38)	
		Size	Secondary or in-board	294.99 × 9.65 (11.61 × 0.38)	
		Shoe thickness (no lining)		5.0 (0.197)	

\* 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

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Body Type And/Or  
 Displacement

Daytona	Daytona Pacifica	Daytona Shelby Z
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**Tires and Wheels (Standard)**

Tires	Size (load range)		P185/70 R 14, SL	P205/60 HR 15, SL	P225/50 VR15, 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)		862	847	874
Wheels	Type & material		Disc Steel	Cast Aluminum	Cast Aluminum
	Rim (size & flange type)		14 x 5.5 JJ	15 x 6.0 JJ	15 x 6.5 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 14 x 4.0 T Steel Disc Wheel		
	Storage position & location (describe)		Horizontal, On Rear Floor Pan Below Cargo Floor		

**Tires and Wheels (Optional)**

Size (load range)		P195/70 R 14, SL	
Type (bias, radial, etc.)		Steel Radial	
Wheel (type & material)		Cast Aluminum	
Rim (size, flange type and offset)		14 x 5.5 JJ 40 (1.6)	
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)		Matching Spare Available with P205/60 HR15 Tires Only 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)	--

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Car Line **DODGE DAYTONA**  
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Body Type And/Or  
 Engine Displacement

185 and 195 Width Tires

205 and 225 Width Tires

**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.)	11.3 (37.0)	13.1 (42.9)	
		Curb to curb (l. & r.)	10.5 (34.3)	12.4 (40.7)	
	Inside rear	Wall to wall (l. & r.)	5.8 (19.0)	7.9 (26.1)	
		Curb to curb (l. & r.)	5.9 (19.3)	8.0 (26.3)	
Scrub Radius*			-10 (-0.4)		
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	14.2:1		
		Pump (drive)		pulley and belt, off crankshaft	
	No. wheel turns (stop to stop)		2.5	2.05	
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.

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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 (c)
	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**

**Mechanical Cluster**

**Electronic Cluster**

Speedometer	Type	Electric/Analog	Vacuum fluorescent display
	Trip odometer (std., opt., n.a.)	Standard	Vacuum fluorescent display Std.
EGR maintenance indicator		-	-
Charge indicator	Type	Voltmeter	Vacuum fluorescent Voltmeter
	Warning device	NA	(a)
Temp. Indicator	Type	Magnetic gage	Vacuum fluorescent gage
	Warning device	NA	(a)
Oil pressure indicator	Type	Magnetic gage	Vacuum fluorescent gage
	Warning device	Light Oil (std.)	(a)
Fuel indicator	Type	Magnetic gage	Vacuum fluorescent gage
	Warning device	Light in Mssg. Ctr. STD	Flashing fuel guage ISO
Wind shield wiper	Type (standard)	Electric 2-speed, Non-depressed park	
	Type (optional)	Electric 2-speed, Intermittent wipe	
	Blade length	457 (18)	
	Swept area (cm <sup>2</sup> (in. <sup>2</sup> ))	6064.5 (940)	
Windshield washer	Type (standard)	Electric (arm mounted)	
	Type (optional)	-	
	Fluid level indicator	Optional	
Horn	Type mm (in.)	89 mm (3.5 in.) seashell (b)	
	Number used	2	
Other			

(a) Vacuum fluorescent 'Check Guage' indicator and Flashing ISO.

(b) Air Horn - 2 Note - Pacifica

(c) Measurements are measured in degrees, not mm (in.)

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Engine Description/Carb.  
 Engine Code

2.2L (135.0 in. <sup>3</sup> )		2.5L (153.0 in. <sup>3</sup> )
EFI Turbo, EDR	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
	Minutes-reserve capacity	100
	Amp/hr. - 20 hr. rate	60
	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
		Engine idling - A		1.9A
Spark plug	Make	Champion		
	Model	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



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Body Type

24

**Body**

Structure	
Bumper system front - rear	Front - Urethane Fascia 7.67 kg. (16.88 lbs.) Aluminum 6.08 kg. (13.38 lbs.)  Rear - Urethane Fascia 6.36 kg. (14 lbs.) Ultra High Strength, Low carbon Steel 7.95 kg. (17.5 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)	
	Internal release control (elec., mech., n.a.)	--
Hatch-back lid	Type (counterbalance, other)	Gas pressurized struts
	Internal release control (elec., mech., n.a.)	Remote cable - Opt.
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	Bucket - Flex - O- Lator Mat
	Rear	Full foam
	3rd seat	
Seat back type (e.g., 60/40, bucket, bench, wire, foam, etc.)	Front	Bucket - Flex - O- Lator Mat
	Rear	Full foam
	3rd seat	

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Body Type

24

**Restraint System**

Active restraint system (a)	Standard/optional	Standard
	Type and description	Front: lap and shoulder belt Rear: Lap belt
	Location	Front: Two Rear: Two
Passive seat belts (b)	Standard/optional	Standard
	Motorized/Non-motorized	Non-motorized
	2 or 3 Point	2 Point
	Knee bar/lap belt	Knee blocker and Lap belt

**Frame**

Type and description (separate frame, unitized frame, partially unitized frame)		Unitized construction
<b>Glass</b>	<b>SAE Ref. No.</b>	
Windshield glass exposed surface area [cm <sup>2</sup> (in <sup>2</sup> )]	S1	6718 (1041)
Side glass exposed surface area [cm <sup>2</sup> (in <sup>2</sup> )]	S2	7907 (1226)
Backlight glass exposed surface area [cm <sup>2</sup> (in <sup>2</sup> )]	S3	9604 (1489)
Total glass exposed surface area [cm <sup>2</sup> (in <sup>2</sup> )]	S4	24229 (3755)
Windshield glass (type)		Laminated safety glass
Side glass (type)		Heat treated safety glass
Backlight glass (type)		Heat treated safety glass
(a) Vehicles built before 1/5/87 (b) Vehicles built after 1/5/87		

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Body Type

All

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

Air conditioning (manual, auto, temp. control)		Highline/Sport - Opt. Premium - Std.
Clock (digital, analog)		Digital - Std. with radio
Compass/thermometer		Premium - Std.
Console (floor, overhead)		Floor - Std. Premium Overhead - Std.
Defroster, elec. backlight		EBL - Std.
Electronic	Diagnostic warning (integrated, individual)	N.A.
	Instrument cluster (list instruments)	Opt.-Premium only (d)
	Keyless entry	N.A.
	Tripminder (avg. spd. fuel)	Std. with electronic navigator - Premium only
	Voice alert (list items)	N.A.
	Other	Navigator - Premium only
Fuel door lock (remote, key, electric)		Graphic Message Center - All
Lamps		Remote
	Auto head on/off delay, dimming	Delay off - Highline - Opt.
	Cornering	N.A.
	Courtesy (map reading)	Shelby, Premium - Std.
	Door lock, ignition	Highline - Opt. Premium, Sport - Std.(e)
	Engine compartment	Highline - Opt. Premium/ Sport - Std.
	Fog	N.A.
	Glove compartment	Highline - Opt. Premium / Sport - Std.
	Trunk	Highline - Opt. Premium / Sport - Std.
	Other	Illuminated entry system - Highline / Premium - Opt.
Mirrors	Day/night (auto. man.)	Manual - Std.
	L.H. (remote, power, heated)	Manual - Std. Power/heated - Opt. (Std. on Pacifica)
	R.H. (convex, remote, power, heated)	Manual - Std. Power/heated-High/Sport-Opt. Prem.-Std.
	Visor vanity (RH/LH, illuminated)	RH/LH Illuminated High/Sport-Opt. Premium-Std.
Parking brake - auto release (warning light)		Std.
Power equipment	Door locks/ deck lid - specify	Door locks - Opt.
	Seat (2-4-6 way)	
	heated (driver, pass., other)	Electric lumbar/thigh/wing adjustments 6 Way track
	lumbar, hip, thigh support (power, manual)	
	reclining (driver, pass.)	Std. on Premium Opt. on Sport
	memory (1-2 preset, recline)	
	Side windows	Opt.
Radio Systems	Vent windows	N.A.
	Rear windows	N.A.
	Antenna (location, whip, w/shield, power)	Whip - Std. Right front fender
	AM/FM, stereo, tape, CB	AM/FM Stereo - Std.(a)(b)(c)- Opt. See Page 19A
Speaker (number, location) Premium sound		6 speakers - Std.
Roof open air/fixed (Flip-up, sliding, "T")		Sunroof - Opt. T-bar - Opt.
Speed control device		Opt.
Speed warning device (light, buzzer, etc.)		N.A.
Tachometer (rpm)		Std.
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 hood release - Std.

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- 
- (a) AM/FM/MX ETR
  - (b) AM/FM/MX Cassette/ETR
  - (c) AM/FM/MX Cassette/ETR Ultimate Sound System (Premium Speakers)
  - (d) Instrument cluster includes: Speedometer, Tachometer, Fuel guage, Oil pressure guage, Volt, Temp., and Odometer.
  - (e) Options refer to ignition only, Door locks are N.A.

**Electronic Navigator Includes:** US/MET Conversion, Distance to empty fuel tank, Estimated time of arrival, Distance to destination, Clock/Date, Fuel consumed, Average speed, Miles traveled, Elapsed driving time, Instantaneous and average MPG readings.

**Graphic Message Center Includes:** Low fuel, Low washer fluid, Door ajar and Hatchback ajar.

# MVMA Specifications Form

Passenger car

METRIC (U.S. Customary)

Cae and Body Dimensions

Car Line **DODGE DAYTONA**

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.	24	24 Turbo Z
-----------	--------------	----	------------

## Width

Tread (front)	W101	1464 (57.6)	
Tread (raer)	W102	1464 (57.6)	
Vehicle width	W103	1760 (69.3)	
Body width at SqRP (front)	W117	1759 (69.3)	1774 (69.8)
Vehicle width (front doors open)	W120	3848 (151.5)	
Vehicle width (rear doors open)	W121	--	
Front fender overall width	W106	1740 (68.5)	
Rear fender overall width	W107	1751 (68.9)	
Tumble-home (deg.)	W122	29°	

## Length

Wheelbase	L101	2465 (97.0)	
Vehicle length	L103	4555 (179.3)	
Overhang (front)	L104	1112 (43.8)	
Overhang (rear)	L105	978 (38.5)	
Upper structure length	L123	2664 (104.9)	
Rear wheel C/L "X" coordinate	L127	2553 (100.5)	
Cowl point "X" coordinate	L125	576 (22.7)	
Front end length at centerline	L126	1500 (	
Rear end length at centerline	L129	290(	

## Height\*

Passenger distribution (front/rear)	PD 1,2,3	2 -Front	2 -Rear
Trunk/cargo load		--	
Vehicle height	H101	1273 (50.1)	1302 (51.3)
Cowl point to ground	H114	929 (36.6)	949 (37.4)
Deck point to ground	H138	843 (33.2)	887 (34.9)
Roker panel front to ground	H112	202 (8.0)	220 (8.7)
Bottom of door closed front to ground	H133	256 (10.0)	275 (10.8)
Rocker panel rear to ground	H111	182 (7.2)	216 (8.5)
Bottom of door closed rear to ground	H135	242 (9.5)	272 (10.7)
Windshield slope angle	H122	60°	
Backlight slope angle	H121	70°	

## Ground Clearance

Front bumper to ground	H102	290 (11.4)	223 (8.8)
Rear bumper to ground	H104	282 (11.1)	328 (12.9)
Bumper to ground [front at curb mass (wt.)]	H103	308 (12.1)	234 (9.2)
Bumper to ground [rear at curb mass (wt.)]	H105	345 (13.6)	
Angle of approach (degrees)	H106	15°	12°
Angle of departure (degrees)	H107	16°	20°
Ramp breakover angle (degrees)	H147	11°	14°
Axle differential to ground (front/rear)	H153	N.A.	
Min. running ground clearance	H156	110 (4.3)	124 (4.9)
Location of min. run. ground clearance		Frnt. 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.

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**Cae and Body Dimensions**

Car Line **DODGE DAYTONA**

Model Year **1987**

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Revised(\*)

See Key Sheets for Definitions

Body Type

SAE  
Ref.  
No.

All

**Front Compartment**

SqRP front, "X" coordinate	L31	1430 (56.3)
Effective head room	H61	942 (37.1)
Max. eff. leg room (accelerator)	L34	1077 (42.4)
SqRP to heel point	H30	231 (9.1)
SqRP to heel point	L53	880 (34.6)
Back angle	L40	26°
Hip angle	L42	98°
Knee angle	L44	128°
Foot angle	L46	87°
Design H - point front travel	L17	205 (8.1)
Normal driving & riding seat track trvl.	L23	185 (7.3)
Shoulder room	W3	1420 (55.9)
Hip room	W5	1382 (54.4)
Upper body opening to ground	H50	1016 (40.0) To "O"
Steering wheel maximum diameter*	W9	381 (15.0)
Steering wheel angle	H18	23°
Accel. heel pt. to steering wheel center	L11	516 (20.3)
Accel. heel pt. to steering wheel center	H17	606 (23.9)
Steering wheel to C/L of thigh	H13	90 (3.5)
Steering wheel torso clearance	L7	362 (14.3)
Headlining to roof panel	H37	18 (0.7)
Undepressed floor covering thickness	H67	22 (0.9)

**Rear Compartment**

SqRP Point couple distance	L50	679 (26.7)
Effective head room	H63	872 (34.3)
Min. effective leg room	L51	763 (30.0)
SqRP (second to heel)	H31	250 (9.8)
Knee clearance	L48	-84 (-3.3)
Compartment room	L3	551 (21.7)
Shoulder room	W4	1362 (53.6)
Hip room	W6	1216 (47.9)
Upper body opening to ground	H51	N.A.
Back angle	L41	22°
Hip angle	L43	72°
Knee angle	L45	68°
Foot angle	L47	114°
Headlining to roof panel (second)	H38	--
Depressed floor covering thickness	H73	13 (0.5)

**Luggage Compartment**

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

**Interior Volumes (EPA Classification)**

Vehicle class (subcompact, compact, etc.)		Subcompact
Interior volume index (cu. ft.)		99.7
Trunk/cargo index (cu. ft.)		484 (17.1)

\* See Page 14

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

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**Car and Body Dimensions**

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

See Key Sheets for Definitions

Body Type

SAE Ref. No.	H-24, P-24	S-24
--------------	------------	------

**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 <sup>3</sup> (ft. <sup>3</sup> )]	V2	
Hidden cargo volume [m <sup>3</sup> (ft. <sup>3</sup> )]	V4	
Cargo volume index-rear of 2-seat	V10	

**Hatchback - Cargo Space**

Cargo length at front seatback height	L208	1026 (40.4)
Cargo length at floor (second)	L209	1584 (62.4)
Cargo length at second seatback height	L210	
Cargo length at floor (second)	L211	
Front seatback to load floor height	H197	527 (20.7)
Second seatback to load floor height	H198	
Cargo volume index[m <sup>3</sup> (ft. <sup>3</sup> )]	V3	0.935 (33.0)
Hidden cargo volume [m <sup>3</sup> (ft. <sup>3</sup> )]	V4	--
Cargo volume index-rear of 2-seat	V10	1.92 (20.71) 1.93 (20.79)

**Aerodynamics\***

Wheel lip to ground, front	654 (25.7)
Wheel lip to ground, rear	650 (25.6)
Frontal area [m <sup>2</sup> (ft. <sup>2</sup> )] (c)	1.92 (20.65) (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 and antenna

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Car Line DODGE DAYTONA  
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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 3057 mm (120.4 in) from the centerline of front wheels.
Front	Fiducial Mark Number	
	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).



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Revised(\*)

Body Type

All

**Lamps and Headlamps Shape\***

Height above ground to center of bulb or marker	Headlamp (SAE - H127)	Highest**	695
		Lowest	--
	Taillamp (SAE - H128)	Highest**	784.4
		Lowest	781.4
	Sidemarker	Front	492.5
		Rear	724.9
Distance from centerline of car to center of bulb or marker	Headlamp	Inside	--
		Outside**	515.8
	Taillamp	Inside	395.5
		Outside**	622.0
	Directional	Front	543.5
		Rear	509 (a) and 622 (a)

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.

(a) Two rear tail, stop, and turn signal lamps

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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	
Daytona								
2.5L (153.0 in. <sup>3</sup> ) EDM engine	753 (1659)	461 (1017)	1214 (2676)	47.6	52.4	20.1	79.9	1184 (2610)
Daytona Shelby Z								
2.2L (135.0 in. <sup>3</sup> ) EDR engine	794 (1750)	482 (1062)	1276 (2812)	47.6	52.4	20.1	79.9	1246 (2746)
Daytona Pacifica								
2.2L (135.0 in. <sup>3</sup> ) EDG engine	806 (1776)	493 (1086)	1299 (2862)	47.6	52.4	20.1	79.9	1269 (2796)

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

\*\* Shipping mass (weight) definition

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Estimated

	Optional Equipment Differential Mass (Weight)*			
Equipment	MASS, kg (weight, lb.)			Remarks
	Front	Rear	Total	
2.2L (135.0 in. <sup>3</sup> ) turbo-charged engine, EDG	8 (19)	8 (17)	16 (36)	Daytona only
	-1 (-2)	-2 (-3)	-3 (-5)	Shelby Z only
500 ampere battery	0.9 (2)	0 (0)	0.9 (2)	
Preformance bucket seats	1.4 (3)	0.9 (2)	2.3 (5)	Daytona only; Std. Shelby Z
Power enthusiasts bucket seats, leather	5.9 (13)	5.0 (11)	10.9 (24)	Shelby Z only
Power enthusiasts bucket seats, leather	0.9 (2)	0.5 (1)	1.4 (3)	Pacifica only
Automatic transmission	19.5 (43)	-2.7 (-6)	16.8 (37)	EDM engine only
	15.9 (35)	-2.7 (-6)	13.2 (29)	EDG engine only
Front & rear floor mats	1.4 (3)	0.4 (1)	1.8 (4)	
Tonneau cover	-0.4 (-1)	2.7 (6)	2.3 (5)	Std. on Pacifica
Sunroof	2.7 (6)	5 (11)	7.7 (17)	
T-bar roof	9 (20)	9 (20)	18 (40)	
Air conditioning	24.9 (55)	-1.8 (-4)	23.1 (51)	Std. on Pacifica
Rear wiper washer	-1.4 (-3)	6.8 (15)	5.4 (12)	
Power windows	1.8 (4)	1.4 (3)	3.2 (7)	
Power door locks	0.9 (2)	0.9 (2)	1.8 (4)	
AM Stereo/FM Stereo/Cassette radio	1.4 (3)	1.8 (4)	3.2 (7)	
Electronic speed control	1.8 (4)	0 (0)	1.8 (4)	N.A. Shelby Z
Rear window louver	0 (0)	6.8 (15)	6.8 (15)	
Special sound insulation	-0.5 (-1)	7.7 (17)	7.2 (16)	N.A. Daytona; Std. Pacifica

\* Also see Engine - General fopr dressed engine mass (weight).