Chrysler 3 Chrysler 300 300c Touring Dodge Magnum Service Manual

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INTRODUCTION

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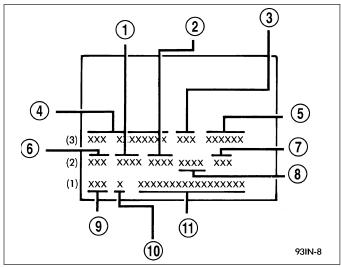
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BODY CODE PLATE

DESCRIPTION

LOCATION AND DECODING

The Body Code Plate is located in the engine compartment on the front right side shock tower mounting front panel.



BODY CODE PLATE

- 1 PRIMARY PAINT
- 2 SECONDARY PAINT
- 3 VINYL ROOF
- 4 VEHICLE ORDER NUMBER
- 5 CAR LINE SHELL
- 6 PAINT PROCEDURE
- 7 ENGINE
- 8 TRIM
- 9 TRANSMISSION
- 10 MARKET
- 11 VIN

BODY CODE PLATE LINE 3

There are seven lines of information on the body code plate. Lines 4, 5, 6, and 7 are not used to define service information. Information reads from left to right, starting with line 3 in the center of the plate to line 1 at the bottom of the plate.

DIGITS 1, 2, AND 3

Paint procedure

DIGIT 4

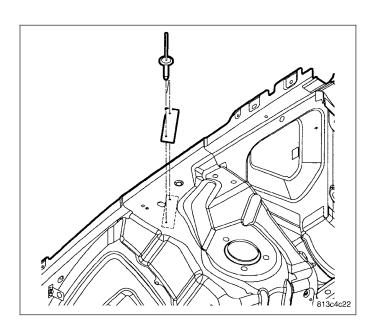
Open Space

DIGITS 5 THROUGH 7

Primary Paint

DIGIT 8 AND 9

Open Space



DIGITS 10 THROUGH 12

Secondary Paint

DIGIT 13 AND 14

Open Space

DIGITS 15 THROUGH 18

Interior Trim Code

DIGIT 19

Open Space

DIGITS 20, 21, AND 22

Engine Code

- EER = 2.7 L, V-6 Cylinder, 24 Valve, DOHC, Gasoline, Aluminum Block (MPI)
- EGG = 3.5 L, V -6 Cylinder, 24 Valve, High Output, Gasoline, Aluminum Block (MPI)
- ESF = 6.1 L, V-8 Cylinder, HEMI, Gasoline (SMPI)
- EZB = 5.7 L, V-8 Cylinder, HEMI, Multi-Displacement, Gasoline,

DIGIT 23

Open Space

BODY CODE PLATE - LINE 2

DIGITS 1 THROUGH 12

Vehicle Order Number

DIGITS 13, THROUGH 15

Vinyl Roof Code

DIGITS 16 AND 17

Open space

DIGITS 18 AND 19

Vehicle Shell Line

• LX

DIGITS 20

Carline

- C = Chrysler
- D = Dodge

DIGIT 21

Price Class

- E = Economy
- H = High Line
- L = Low Line
- M = Medium

- P = Premium
- S = Sport
- X = Special

DIGITS 22 AND 23

Body Type

- 48 = Four Door Sedan Tall
- 49 =Hatchback Tall

BODY CODE PLATE LINE 1

DIGITS 1, 2, AND 3

Transmission Codes

- DG6 = 4-Speed Electronic Automatic Transmission
- DGJ = 5-Speed Automatic Transmission

DIGIT 4

Open Space

DIGIT 5

Market Code

- C = Canada
- B = International
- M = Mexico
- U = United States

DIGIT 6

Open Space

DIGITS 7 THROUGH 23

Vehicle Identification Number

• (Refer to VEHICLE DATA/VEHICLE INFORMATION/VEHICLE IDENTIFICATION NUMBER - DESCRIPTION) for proper breakdown of VIN code.

IF TWO BODY CODE PLATES ARE REQUIRED

The last code shown on either plate will be followed by END. When two plates are required, the last code space on the first plate will indicate (CTD)

When a second plate is required, the first four spaces of each line will not be used due to overlap of the plates.

FASTENER IDENTIFICATION

DESCRIPTION

The SAE bolt strength grades range from grade 2 to grade 8. The higher the grade number, the greater the bolt strength. Identification is determined by the line marks on the top of each bolt head. The actual bolt strength grade corresponds to the number of line marks plus 2. The most commonly used metric bolt strength classes are 9.8 and 10.9. The metric strength class identification number is imprinted on the head of the bolt. The higher the class number, the greater the bolt strength. Some metric nuts are imprinted with a single-digit strength class on the nut face. Refer to the Fastener Identification and Fastener Strength Charts.

Bolt Markings and Torques - Metric

Bolt Markings	8.8	/8.9	10	0.9	12.9			
Bolt Dia.	N∙m	Ft. Lbs.	N⋅m	Ft. Lbs.	N⋅m	Ft. Lbs.		
6	12	105*	14	120*	16	12		
8	25	250*	32	23	38	28		
10	54	40	60	45	74	55		
12	95	70	108	80	135	100		
14	155	115	175	130	216	160		
16	243 180		324	324 210		240		
	* Inch Lbs.							

Bolt Markings and Torques - U. S. Customary

Bolt Markings	Gra	ide 5	Gra	ade 8
Bolt Dia.	N⋅m	Ft. Lbs	N⋅m	Ft. Lbs
1/4 - 20	10	95*	14	125*
1/4 - 28	10	95*	17	150*
5/16 - 18	22	200*	30	270*
5/16 - 24	26	240*	33	300*
3/8 - 16	40	30	55	40
3/8 - 24	47	35	60	45
7/16 - 14	68	50	88	65
7/16 - 20	74	55	95	70
1/2 - 13	101	75	135	100
1/2 -20	115	85	150	110
9/16 - 12	135	105	182	135
9/16 - 18	155	115	202	150
5/8 - 11	202	150	263	195
5/8 - 18	215	160	284	210
3/4 - 10	230	170	297	220
3/4 - 16	236	175	304	225
7/8 - 14	405	300	540	400
		* Inch Lbs.		•

	Mark	Class		Mark	Class
Hexagon nead bolt	Bolt 6— 8— 9— 10— 11—	- 5T - 6T - 7T - 8T - 9T - 10T	Stud bolt	No mark	4 T
	No mark	4 T			
Hexagon lange bolt w/washer nexagon bolt	No mark	4 T		Grooved	6T
Hexagon nead bolt	Two protruding lines	51			
Hexagon lange bolt w/washer nexagon bolt	Two protruding lines	6T	Welded bolt		
Hexagon nead bolt	Three protruding lines	71			4 T
Hexagon nead bolt	Four protruding lines	87			

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FASTENER USAGE

DESCRIPTION

DESCRIPTION

WARNING: Use of an incorrect fastener may result in component damage or personal injury.

Fasteners and torque specifications references in this Service Manual are identified in metric and SAE format. During any maintenance or repair procedures, it is important to salvage all fasteners (nuts, bolts, etc.) for reassembly. If the fastener is not salvageable, a fastener of equivalent specification must be used.

DESCRIPTION

Most stripped threaded holes can be repaired using a Helicoil®. Follow the vehicle or Helicoil® recommendations for application and repair procedures.

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INTERNATIONAL SYMBOLS

DESCRIPTION

≣ ○	‡ ○	- \'\ -	♦	5	6
7	8	9	10	11	12
13	14	₹	- + 16	17	18
	(P)	*	*	þ	<u> </u>

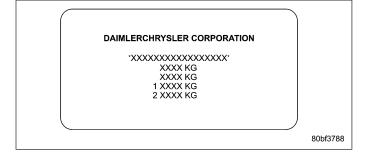
The graphic symbols illustrated in the following International Control and Display Symbols Chart are used to identify various instrument controls. The symbols correspond to the controls and displays that are located on the instrument panel.

MANUFACTURE PLATE

DESCRIPTION

The Manufacturer Plate is located in the engine compartment on the passenger side rear corner of the hood. The plate contains five lines of information:

- 1. Vehicle Identification Number (VIN)
- 2. Gross Vehicle Mass (GVM)
- 3. Gross Train Mass (GTM)
- 4. Gross Front Axle Rating (GFAR)
- 5. Gross Rear Axle Rating (GRAR)



INTRODUCTION -

METRIC SYSTEM

DESCRIPTION

			N ir	-lhs	to N•	m							N●n	n to	in-lbs				
in- Ib	N•m	in-lb	N∙m	in-lb		in-lb	N∙m	in-lb	N∙m	N•m	in-lb	N∙m	in-lb	N•m	in-lb3	N∙m	in-lb	N•m	in-lb
2	.2260		4.7453	82	9.2646		13.7839		18.3032	.2	1.7702	4.2	37.1747	8.2		12.2	107.9837	16.2	143.38
4	.4519		4.9713	84	9.4906		14.0099		18.5292	.4	3.5404	4.4	38.9449	8.4	74.3494		109.7539	16.4	145.15
6	.6779		5.1972	86			14.2359		18.7552	.6	5.3107	4.6	40.7152	8.6 8.8	76.1197 77.8899		111.5242 113.2944		
8	.9039		5.4232	88	9.9425		14.4618		18.9811	.8 1	7.0809 8.8511	4.8 5	42.4854 44.2556	9	77.6601	12.8	115.0646		150.46
10 12	1.1298 1.3558		5.6492 5.8751	90 92	10.1685 10.3944		14.6878 14.9138		19.2071 19.4331	1.2	10.6213	5.2	46.0258	9.2	81.4303	13.2	116.8348	17.2	
14	1.5818		6.1011	94	10.6204		15.1397		19.6590	1.4	12.3916	5.4	47.7961	9.4	83.2006	13.4	118.6051	17.4	154.00
16	1.8077		6.3270	96	10.8464		15.3657		19.8850	1.6	14.1618	5.6	49.5663	9.6	84.9708	13.6	120.3753		155.77
18	2.0337	58	6.5530	98	11.0723	138	15.5917		20.1110	1.8	15.9320	5.8	51.3365	9.8	86.7410		122.1455		157.55 159.32
20	2.2597		6.7790	100	11.2983		15.8176		20.3369	2 2.2	17.7022 19.4725	6.2	53.1067 54.8770	10	88.5112		123.9157 125.6860		
22 24	2.4856 2.7116		7.0049		11.5243		16.0436		20.5629 20.7889	2.4	21.2427	6.4	56.6472		92.0517		127.4562		168.17
26	2.7116		7.2309 7.4569	104 106	11.7502 11.9762		16.2696 16.4955		21.0148	2.6	23.0129	6.6	58.4174		93.8219		129.2264		
28	3.1635		7.6828	108	12.2022		16.7215		21.2408	2.8	24.7831	6.8	60.1876		95.5921		130.9966		177.02
30	3.3895		7.9088	110	12.4281		16.9475	190	21.4668	3	26.5534	7	61.9579		97.3624	15	132.7669		181.44
32	3.6155			112	12.6541		17.1734		21.6927	3.2	28.3236	7.2	63.7281		99.1326 100.9028	15.2	134.5371 136.3073		185.87 194.72
34	3.8414			114	12.8801		17.3994		21.9187	3.4 3.6	30.0938 31.8640	7.4 7.6	65.4983 67.2685		100.9028		138.0775	23	203.57
36 38	4.0674 4.2934			116 118	13.1060		17.6253 17.8513		22.1447 22.3706		33.6342	7.8	69,0388		104.4433		139.8478		212.42
40	4.5193		8.8127 9.0386		13.3320 13.5580		18.0773		22.5966	4	35.4045	8	70.8090		106.2135		141.6180		221.27
		-			to N•m		10.0770	200	22.0700			!		J•m	to ft-lk	75			
ft-lb	N∙m	ft-lb	N∙m	ft-lb	N•m	ft-lb	N∙m	ft-lb	N∙m	N∙m	ft-lb	N∙m		N∙m	ft-lb	N•m	ft-lb	N∙m	ft-lk
1	1.3558	21	28.4722	41	55.5885	61	82.7049	81	109.8212	1	.7376	21	15.9888	41	30.2400	61	44.9913	81	59.74
2	2.7116	22	29.8280	42	56.9444	62	84.0607	82	111.1770	2	1.4751	22	16.2264	42	30.9776	62	45.7289	82	60.48
3	4.0675	23	31.1838	43	58.3002	63	85.4165		112.5328	3	2.2127	23	16.9639	43	31.7152	63	46.4664	83	61.21
4	5.4233	24	32.5396	44	59.6560	64	86.7723	84	113.8888	4	2.9502	24	17.7015	44	32.4527	64	47.2040	84	61.95
5	6.7791	25	33.8954	45	61.0118	65	88.1281	85	115.2446	5	3.6878	25	18.4391	45	33.1903	65 66	47.9415 48.6791	85	62.69
6 7	8.1349 9.4907	26 27	35.2513 36.6071	46 47	62.3676 63.7234	66 67	89.4840 90.8398	86 87	116.6004 117.9562	6 7	4.4254 5.1629	26 27	19.1766 19.9142	46 47	33.9279 34.6654	67	49.4167	86 87	63.43 64.16
8	10.8465	28	37.9629	48	65.0793	68	92.1956	88	119.3120	í 8	5.9005	28	20.6517	48	35.4030	68	50.1542	88	64.95
9	12.2024	29	39.3187	49	66.4351	69	93.5514	89	120.6678	9	6.6381	29	21.3893	49	36.1405	69	50.8918	89	65.64
10	13.5582	30	40.6745	50	67.7909	70	94.9073	90	122.0236	10	7.3756	30	22.1269	50	36.8781	70	51.6293	90	66.38
11 12	14.9140 16.2698	31	42.0304 43.3862	51	69.1467	71	96.2631	91	123.3794	11	8.1132	31	22.8644	51	37.6157 38.3532	71 72	52.3669 53.1045	91 92	67.11
13	17.6256	32 33	43.3862	52 53	70.5025 71.8583	72 73	97.6189 98.9747	92 93	124.7352 126.0910	.12 .13	8.8507 9.5883	32 33	23.6020 24.3395	52 53	39.0908	73	53.8420	93	67.85 68.59
14	18.9815	34	46.0978	54	73.2142	74	100.3316		127.4468	14	10.3259	34	25.0771	54	39.8284	74	54.5720	94	69.33
15	20.3373	35	47.4536	55	74.5700	75	101.6862	95	128.8026	15	11.0634	35	25.8147	55	40.5659	75	55.3172	95	70.06
16	21.6931	36	48.8094	56	75.9258	76	103.0422		130.1586	16	11.8010	36	26.5522	56	41.3035	76	56.0547	96	70.80
17	23.0489	37	50.1653	57	77.2816	77	104.3980	97	131.5144	17	12.5386	37	27.2898	57	42.0410	77	56.7923	97	71.54
18 19	24.4047 25.7605	38 39	51.5211 52.8769	58 59	78.6374 79.9933	78 79	105.7538 107.1196	98 99	132.8702	18 19	13.2761	38 39	28.0274	58 59	42.7786	78 79	57.5298 58.2674	98 99	72.28 73.01
20	27.1164	40	54.2327	60	81.3491	80	107.1196		134.2260 135.5820	20	14.0137 14.7512	40	28.7649 29.5025	60	43.5162 44.2537	80	59.0050		73.75
_					01.0171		100.4004				14.7012	<u> </u>	27.0020						
		_		, -	to mm										to in.				
in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	mm	in.	.21	in.	.41	in.	.61	in. .02402	mm	in.
.01 .02	.254 .508	.21 .22	5.334 5.588	.41 .42	10.414 10.668	.61 .62	15. 494 15.748	.81 .82	20.574 20.828	.01 .02	.00039 .00079	.22	.00827 .00866	.42	.01614 .01654	.62	.02402	.81 .82	.0318
03	.762	.23	5.842	.43	10.922	.63	16.002	.83	21.082	.03	.00077	.23	.00906	.43	.01693	.63	.02480	.83	.0322
04	1.016	.24	6.096	.44	11.176	.64	16.256	.84	21.336	.04	.00157	.24	.00945	.44	.01732	.64	.02520	.84	.0330
	1.270	.25	6.350	.45	11.430	.65	16.510	.85	21.590	.05	.00197	.25	.00984	.45	.01772	.65	.02559	.85	.033
.05		.26	6.604	.46	11.684	.66	16.764	.86	21.844	.06	.00236	.26 .27	.01024	.46 .47	.01811 .01850	.66 .67	.02598 .02638	.86	.0338
.05 .06	1.524			.47	11.938	.67	17.018 17.272	.87 .88	22.098 22.352	.07 .08	.00276 .00315	.28	.01063 .01102	.48	.01890	.68	.02677	.87 .88	.034
.05 .06 .07	1.778	.27	6.858		12 102				22.332	.08	.00315	.29	.01142	.49	.01929	.69			.054
.05 .06 .07 .08	1. <i>7</i> 78 2.032	.27 .28	7.112	.48	12.192 12.446	.68 .69		.89	22.606					.47	.01727	.07	.02/1/	.89	.0350
.05 .06 .07 .08 .09	1.778 2.032 2.286	.27 .28 .29	7.112 7.366	.48 .49	12.446 12.700	.69 .70	17.526 17.780	.89 .90	22.606 22.860	.10		.30	.01181	.50	.01969	.70	.02717 .02756	.89 .90	.035
.05 .06 .07 .08 .09	1.778 2.032 2.286 2.540 2.794	.27 .28 .29 .30 .31	7.112 7.366 7.620 7.874	.48 .49 .50 .51	12.446 12.700 12.954	.69 .70 .71	17.526 17.780 18.034	.90 .91	22.860 23.114		.00394 .00433	.30 .31	.01181 .01220	.50 .51	.01969 .02008	.70 .71	.02756 .02795	.90 .91	.035
.05 .06 .07 .08 .09 .10 .11	1.778 2.032 2.286 2.540 2.794 3.048	.27 .28 .29 .30 .31	7.112 7.366 7.620 7.874 8.128	.48 .49 .50 .51 .52	12.446 12.700 12.954 13.208	.69 .70 .71 .72	17.526 17.780 18.034 18.288	.90 .91 .92	22.860 23.114 23.368	.10 .11 .12	.00394 .00433 .00472	.30 .31 .32	.01181 .01220 .01260	.50 .51 .52	.01969 .02008 .02047	.70 .71 .72	.02756 .02795 .02835	.90 .91 .92	.0354 .0358 .0362
.05 .06 .07 .08 .09 .10 .11	1.778 2.032 2.286 2.540 2.794 3.048 3.302	.27 .28 .29 .30 .31 .32 .33	7.112 7.366 7.620 7.874 8.128 8.382	.48 .49 .50 .51 .52 .53	12.446 12.700 12.954 13.208 13.462	.69 .70 .71 .72 .73	17.526 17.780 18.034 18.288 18.542	.90 .91 .92 .93	22.860 23.114 23.368 23.622	.10 .11 .12 .13	.00394 .00433 .00472 .00512	.30 .31 .32 .33	.01181 .01220 .01260 .01299	.50 .51 .52 .53	.01969 .02008 .02047 .02087	.70 .71 .72 .73	.02756 .02795 .02835 .02874	.90 .91 .92 .93	.0350 .0354 .0358 .0362
.05 .06 .07 .08 .09 .10 .11 .12	1.778 2.032 2.286 2.540 2.794 3.048 3.302 3.556	.27 .28 .29 .30 .31 .32 .33	7.112 7.366 7.620 7.874 8.128 8.382 8.636	.48 .49 .50 .51 .52 .53 .54	12.446 12.700 12.954 13.208 13.462 13.716	.69 .70 .71 .72 .73	17.526 17.780 18.034 18.288 18.542 18.796	.90 .91 .92 .93 .94	22.860 23.114 23.368 23.622 23.876	.10 .11 .12 .13	.00394 .00433 .00472 .00512 .00551	.30 .31 .32 .33 .34	.01181 .01220 .01260 .01299 .01339	.50 .51 .52 .53 .54	.01969 .02008 .02047 .02087 .02126	.70 .71 .72 .73 .74	.02756 .02795 .02835 .02874 .02913	.90 .91 .92 .93 .94	.0354 .0358 .0362 .0366
.05 .06 .07 .08 .09 .10 .11 .12 .13	1.778 2.032 2.286 2.540 2.794 3.048 3.302 3.556 3.810	.27 .28 .29 .30 .31 .32 .33 .34	7.112 7.366 7.620 7.874 8.128 8.382 8.636 8.890	.48 .49 .50 .51 .52 .53 .54	12.446 12.700 12.954 13.208 13.462 13.716 13.970	.69 .70 .71 .72 .73 .74 .75	17.526 17.780 18.034 18.288 18.542 18.796 19.050	.90 .91 .92 .93 .94 .95	22.860 23.114 23.368 23.622 23.876 24.130	.10 .11 .12 .13 .14	.00394 .00433 .00472 .00512 .00551 .00591	.30 .31 .32 .33 .34 .35	.01181 .01220 .01260 .01299 .01339 .01378	.50 .51 .52 .53 .54 .55	.01969 .02008 .02047 .02087 .02126 .02165	.70 .71 .72 .73	.02756 .02795 .02835 .02874 .02913 .02953	.90 .91 .92 .93 .94 .95	.0354 .0356 .0366 .0370 .0374
.05 .06 .07 .08 .09 .10 .11 .12 .13	1.778 2.032 2.286 2.540 2.794 3.048 3.302 3.556	.27 .28 .29 .30 .31 .32 .33	7.112 7.366 7.620 7.874 8.128 8.382 8.636	.48 .49 .50 .51 .52 .53 .54	12.446 12.700 12.954 13.208 13.462 13.716	.69 .70 .71 .72 .73	17.526 17.780 18.034 18.288 18.542 18.796	.90 .91 .92 .93 .94	22.860 23.114 23.368 23.622 23.876	.10 .11 .12 .13	.00394 .00433 .00472 .00512 .00551	.30 .31 .32 .33 .34 .35 .36 .37	.01181 .01220 .01260 .01299 .01339 .01378 .01417	.50 .51 .52 .53 .54 .55 .56	.01969 .02008 .02047 .02087 .02126 .02165 .02205	.70 .71 .72 .73 .74 .75 .76	.02756 .02795 .02835 .02874 .02913 .02953 .02992	.90 .91 .92 .93 .94 .95 .96	.0354 .0358 .0366 .0366 .0376 .0378 .038
.05 .06 .07 .08 .09 .10 .11 .12 .13 .14 .15 .16	1.778 2.032 2.286 2.540 2.794 3.048 3.302 3.556 3.810 4.064 3.318 4.572	.27 .28 .29 .30 .31 .32 .33 .34 .35 .36 .37	7.112 7.366 7.620 7.874 8.128 8.382 8.636 8.890 9.144 9.398 9.652	.48 .49 .50 .51 .52 .53 .54 .55 .56 .57	12.446 12.700 12.954 13.208 13.462 13.716 13.970 14.224 14.478	.69 .70 .71 .72 .73 .74 .75 .76 .77	17.526 17.780 18.034 18.288 18.542 18.796 19.050 19.304 19.558 19.812	.90 .91 .92 .93 .94 .95 .96 .97 .98	22.860 23.114 23.368 23.622 23.876 24.130 24.384 24.638 24.892	.10 .11 .12 .13 .14 .15 .16 .17	.00394 .00433 .00472 .00512 .00551 .00591 .00630 .00669	.30 .31 .32 .33 .34 .35 .36 .37	.01181 .01220 .01260 .01299 .01339 .01378 .01417 .01457	.50 .51 .52 .53 .54 .55 .56 .57	.01969 .02008 .02047 .02087 .02126 .02165 .02205 .02244 .02283	.70 .71 .72 .73 .74 .75 .76 .77	.02756 .02795 .02835 .02874 .02913 .02953 .02992 .03032	.90 .91 .92 .93 .94 .95 .96 .97	.0354 .0358 .0362 .0366 .0374 .0378 .0381
.05 .06 .07 .08 .09 .10 .11 .12 .13 .14 .15 .16	1.778 2.032 2.286 2.540 2.794 3.048 3.302 3.556 3.810 4.064 3.318	.27 .28 .29 .30 .31 .32 .33 .34 .35 .36	7.112 7.366 7.620 7.874 8.128 8.382 8.636 8.890 9.144 9.398	.48 .49 .50 .51 .52 .53 .54 .55 .56	12.446 12.700 12.954 13.208 13.462 13.716 13.970 14.224 14.478	.69 .70 .71 .72 .73 .74 .75 .76	17.526 17.780 18.034 18.288 18.542 18.796 19.050 19.304 19.558	.90 .91 .92 .93 .94 .95 .96	22.860 23.114 23.368 23.622 23.876 24.130 24.384 24.638	.10 .11 .12 .13 .14 .15 .16	.00394 .00433 .00472 .00512 .00551 .00591 .00630	.30 .31 .32 .33 .34 .35 .36 .37	.01181 .01220 .01260 .01299 .01339 .01378 .01417	.50 .51 .52 .53 .54 .55 .56	.01969 .02008 .02047 .02087 .02126 .02165 .02205	.70 .71 .72 .73 .74 .75 .76	.02756 .02795 .02835 .02874 .02913 .02953 .02992	.90 .91 .92 .93 .94 .95 .96	.0354 .0358 .0366 .0366 .0376 .0378 .038

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The metric system is based on quantities of one, ten, one hundred, one thousand and one million. The following chart will assist in converting metric units to equivalent English and SAE units, or vise versa.

CONVERSION FORMULAS AND EQUIVALENT VALUES

MULTIPLY	BY	TO GET	MULTIPLY	BY	TO GET
in-lbs	x 0.11298	= Newton Meters (N⋅m)	N⋅m	x 8.851	= in-lbs
ft-lbs	x 1.3558	= Newton Meters (N⋅m)	N·m	x 0.7376	= ft-lbs
Inches Hg (60° F)	x 3.377	= Kilopascals (kPa)	kPa	x 0.2961	= Inches Hg
psi	x 6.895	= Kilopascals (kPa)	kPa	x 0.145	= psi
Inches	x 25.4	= Millimeters (mm)	mm	x 0.03937	= Inches
Feet	x 0.3048	= Meters (M)	М	x 3.281	= Feet
Yards	x 0.9144	= Meters	М	x 1.0936	= Yards
mph	x 1.6093	= Kilometers/Hr. (Km/h)	Km/h	x 0.6214	= mph
Feet/Sec	x 0.3048	= Meters/Sec (M/S)	M/S	x 3.281	= Feet/Sec
mph	x 0.4470	= Meters/Sec (M/S)	M/S	x 2.237	= mph
Kilometers/Hr. (Km/h)	x 0.27778	= Meters/Sec (M/S)	M/S	x 3.600	Kilometers/Hr. (Km/h)

COMMON METRIC EQUIVALENTS

1 inch = 25 Millimeters	1 Cubic Inch = 16 Cubic Centimeters
1 Foot = 0.3 Meter	1 Cubic Foot = 0.03 Cubic Meter
1 Yard = 0.9 Meter	1 Cubic Yard = 0.8 Cubic Meter
1 Mile = 1.6 Kilometers	

Refer to the Metric Conversion Chart to convert torque values listed in metric Newton- meters (N·m). Also, use the chart to convert between millimeters (mm) and inches (in.).

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TORQUE REFERENCES

DESCRIPTION

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SPECIFIED TORQUE FOR STANDARD BOLTS

				***		ied torque			
Class	Diameter	I		Hexagon head b			exagon flange		
	mm	mm	N∙m	kgf-cm	ft-lbf	N∙m	kgf-cm	ft-lbf	
	6	1	5	55	48 inlbf	6	60	52 inlbf	
	8	1.25	12.5	130	9	14	145	10	
4T	10	1.25	26	260	19	29	290	21	
	12	1.25	47	480	35	53	540	39	
	14	1.5	74	<i>7</i> 60	55	84	850	61	
	16	1.5	115	1,150	83	_	_		
	6	1	6.5	65	56 inlbf	7.5	75	65 inlbf	
	8	1.25	15.5	160	12	17.5	1 <i>7</i> 5	13	
5 T	10	1.25	32	330	24	36	360	26	
	12	1.25	59	600	43	65	<i>67</i> 0	48	
	14	1.5	91	930	67	100	1,050	<i>7</i> 6	
	16	1.5	140	1,400	101	_	_	_	
	6	1	8	80	69 inlbf	9	90	78 inlbf	
	8	1.25	19	195	14	21	210	1 <i>5</i>	
6T	10	1.25	39	400	29	44	440	32	
	12	1.25	71	730	53	80	810	59	
	14	1.5	110	1,100	80	125	1,250	90	
	16	1.5	170	1,750	127	_	_	_	
	6	1	10.5	110	8	12	120	9	
	8	1.25	25	260	19	28	290	21	
7T	10	1.25	52	530	38	58	590	43	
	12	1.25	95	9 7 0	70	105	1,050	76	
	14	1.5	145	1,500	108	165	1,700	123	
	16	1.5	230	2,300	166		_	_	
	8	1.25	29	300	22	33	330	24	
8T	10	1.25	61	620	45	68	690	50	
01	12	1.25	110	1,100	80	120	1,250	90	
	8	1.25	34	340	25	37	380	27	
9T	10	1.25	70	710	51	78	790	57	
,,	12	1.25	125	1,300	94	140	1,450	105	
	8	1.25	38	390	28	42	430	31	
10T	10	1.25	78	800	58	88	890	64	
101	12	1.25	140	1,450	105	155	1,600	116	
	8	1.25	42	430	31	47	480	35	
11T	10	1.25	87	890	64	97	990	72	
	12	1.25	155	1,600	116	175	1,800	130	

Individual Torque Charts appear within many or the Groups. Refer to the Standard Torque Specifications Chart for torque references not listed in the individual torque charts.

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VECI LABEL

DESCRIPTION

All vehicles are equipped with a combined VECI label. This label is located in the engine compartment.

The VECI label contains the following:

- · Engine family and displacement
- Evaporative family
- Emission control system schematic
- · Certification application
- Engine timing specifications (if adjustable)
- Idle speeds (if adjustable)
- · Spark plug and gap

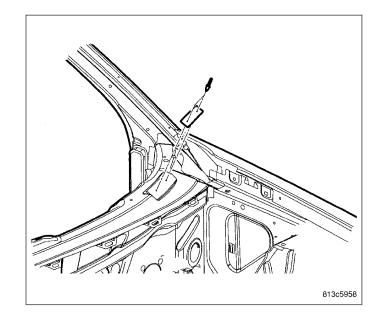
The label also contains an engine vacuum schematic. There are unique labels for vehicles built for sale in the state of California and the country of Canada. Canadian labels are written in both the English and French languages. These labels are permanently attached and cannot be removed without defacing information and destroying label.

VEHICLE IDENTIFICATION NUMBER

DESCRIPTION

The Vehicle Identification Number (VIN) plate is attached to the top left side of the instrument panel. The VIN contains 17 characters that provide data concerning the vehicle. Refer to the decoding chart to determine the identification of a vehicle.

To protect the consumer from theft and possible fraud the manufacturer is required to include a Check Digit at the ninth position of the Vehicle Identification Number. The check digit is used by the manufacturer and government agencies to verify the authenticity of the vehicle and official documentation. The formula to use the check digit is not released to the general public.



VIN DECODING INFORMATION

POSITION	INTERPRETATION	CODE = DESCRIPTION
1	Country of Origin	1 = Manufactured by DaimlerChrysler Canada Inc.
2	Make	A = Chrysler (Hatchback) B = Dodge (Sedan) C = Chrysler (Sedan) D = Dodge (Hatchback)
3	Vehicle Type	3 = Passenger Car 4 = Multipurpose Passenger Vehicle Without Side Air Bags Sales Code (CGS) (Hatchback) 8 = Multipurpose Passenger Vehicle With Side Air Bags Sales Code (CGS) (Hatchback)

POSITION	INTERPRETATION	CODE = DESCRIPTION
4	Restraint System	H = Restraint System Air bags Front Next Generation Multi-Stage Sales Code (CG1) Witht Side Air Bags Sales Code (CGS)
		J = Restraint System Air Bags Front Next Generation Multi Stage Sales Code (CG1) Without Side Air Bags Sales Code (CGS)
		K = Restraint System Advanced Multistages Front Air Bags Sales Code (CG3) With Side Air Bags Sales Code (CGS)
		L = Restraint System Advanced Multistage Front Air Bags Sales Code (CG3) With Side Air Bags Sales Code (CGS)
		4 = Multipurpose Passenger Vehicle Without Side Air Bags Sales Code (CGS) (Hatchback)
		8= Multipurpose Passenger Vehicle With Side Air Bags Sales Code (CGS) (Hatchback)
	Gross Vehicle Weight Rating	E = 3001- 4000 lbs. (1361- 1814) KG (Hatchback)
		F = 4001- 5000 lbs. (1815 - 2267) KG (Hatchback)
5	Vehicle Line	A = 300 / 300C / SRT-8/ Charger (RWD) (LWD)
		K = 300 / 300C (AWD) (LWD) R = 300C/ SRT-8 (RWD) (RHD) V = 300 Touring / Magnum (RWD) Z = 300 Touring Magnum (AWD)
6	Series	4 - H High Line
		5 = P Premium 6 = S Sport 7 = X Special B = 4 Speed Automatic, Sales
		Code (DG6) B = 4 Speed Automatic VLP, Sales Code (DGV)
		E = 5 Speed Automatic, Sales Code (DGJ)
7	Body Style	3 = 4 Door Sedan Tall
		7 = Hatchback Tall

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POSITION	INTERPRETATION	CODE = DESCRIPTION
8	Engine	D = 3.0L V-6 cyl. Turbo Diesel Sales Code (EXL)
		G = 3.5L V-6 cyl. High Output 24 Valve MPI Gasoline Sales Code (EGG)
		H = 5.7L V-8 cyl. HEMI Multiple Displacement Gasoline Sales Code (EZB)
		M = 3.0L V6 CYL 24 Valve Turbo Diesel Sales Code (EXL) (Hatchback)
		R = 2.7L V6 Cyl. 24V DOHC Gasoline (MPI) Sales Code (EER)
		T = 2.7L V6 CYL 24 ValveDOHC Gasoline MPI Sales Code (EER) (Hatchback)
		V = 3.5I V6 CYL 24 Valve High Output Gasoline, Sales Code (EZB) (Hatchback)
		W= 6.1L V8 CYL SRT HEMI Gasoline SMPI, Sales Code (ESF)
		2 = 5.7L V8 CYL HEMI Multiple Displacement Gasoline Sales Code (EZB) (Hatchback)
		3 = 6.1L V8 CYL SRT HEMI Gasoline SMPI, Sales Code (ESF) (Hatchback)
9	Check Digit	0 through 9 or X
10	Model Year	6 = 2006
11	Assembly Plant	H = Brampton Assembly
12 Through 17	Vehicle Build Sequence	Six Digit Number Assigned By Assembly Plant

VEHICLE CERTIFICATION LABEL

DESCRIPTION

A vehicle certification label is attached to every DaimlerChrysler Corporation vehicle. The label certifies that the vehicle conforms to all applicable Federal Motor Vehicle Standards. The label also lists:

- · Month and year of vehicle manufacture.
- Gross Vehicle Weight Rating (GVWR). The gross front and rear axle weight ratings (GAWR's) are based on a minimum rim size and maximum cold tire inflation pressure.
- Vehicle Identification Number (VIN).
- Type of vehicle.
- Type of rear wheels.
- · Bar code.
- Month, Day and Hour (MDH) of final assembly.
- · Paint and Trim codes.
- · Country of origin.

The label is located on the driver-side door shut-face.

