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INTRODUCTION

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DESCRIPTION6	DESCRIPTION11
BODY CODE PLATE	
DESCRIPTION The Body Code Plate (Fig. 1) is located in the engine compartment on the radiator closure panel crossmember. 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.	(3) XXX X XXXX XXX XXX XXX XXX XXX XXX XX
BODY CODE PLATE – LINE 3	(1) XXX X XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
DIGITS 1 THROUGH 12 Vehicle Order Number	9 (11) 93IN-8
DIGITS 13 THROUGH 17 Open Space	Fig. 1 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

DIGITS 18 AND 19

Vehicle Shell Line

• RS

DIGIT 20

Carline

FWD

- K = Dodge
- Y = Chrysler

AWD

- C = Chrysler
- D = Dodge

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BODY CODE PLATE (Continued)

DIGIT 21

Price Class

- H = Highline
- L = Lowline
- P = Premium
- S = Luxury
- X = Premium

DIGITS 22 AND 23

Body Type

- 52 = Short Wheel Base
- 53 = Long Wheel Base

BODY CODE PLATE LINE 2

DIGITS 1, 2 AND 3

Paint Procedure

DIGIT 4

Open Space

DIGITS 5 THROUGH 7

Primary Paint (Refer to 23 - BODY/PAINT - SPEC-IFICATIONS).

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

- EDZ = 2.4L 4 cyl. 16-Valve DOHC Gasoline (MPI)
 - EGA = 3.3L 6 cyl. Gasoline (SMPI)
 - EGH = 3.8L 6 cyl. Gasoline (SMPI)
 - EGM = 3.3L 6 cyl. Ethanol Flexible Fuel
 - ENJ = 2.5L 4 cyl. 16-Valve Turbo Diesel

DIGIT 23

Open Space

BODY CODE PLATE LINE 1

DIGITS 1, 2, AND 3

Transaxle Codes

- DGC = 31TH 3-Speed Automatic Transaxle
- DGL = 41AE/TE 4-Speed Electronic Automatic
- DDR = T850 5-Speed Manual Transaxle

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 Identification Number (VIN) paragraph 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 (Fig. 2) and (Fig. 3).

FASTENER IDENTIFICATION (Continued)

Bolt Markings and Torque - Metric

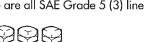
Commercial Steel Class 12.9 10.9 **Bolt Head Markings** 9.8 12.9 10.9

Body Size		То	rque			Tor	que		Torque					
Diam.	Cast	Cast Iron		num	Cas	t Iron	Alum	ninum	Cas	t Iron	Alun	ninum		
mm	N∙m	ft-lb	N•m	ft-lb	N∙m	ft-lb	N•m	ft-lb	N∙m	ft-lb	N•m	ft-lb		
6	9	5	7	4	14	9	11	7	14	9	11	7		
7	14	9	11	7	18	14	14	11	23	18	18	14		
8	25	18	18	14	32	23	25	18	36	27	28	21		
. 10	40	30	30	25	60	45	45	35	70	50	55	40		
12	70	55	55	40	105	75	80	60	125	95	100	<i>7</i> 5		
14	115	85	90	65	160	120	125	95	195	145	150	110		
16	180	130	140	100	240	175	190	135	290	210	220	165		
18	230	1 <i>7</i> 0	180	135	320	240	250	185	400	290	310	230		

Bolt Markings and Torque Values - U.S. Customary

SAE Grade Number	5	8

Bolt Head Markings These are all SAE Grade 5 (3) line







		Bolt Torque	e - Grade 5 B	olt	Bol				
Body Size	Cas	Cast Iron		Aluminum		Iron	Aluminum		
	N∙m	ft-lb	N∙m	ft-lb	N∙m	ft-lb	N∙m	ft-lb	
1/4 - 20	9	7	8	6	15	11	12	9	
- 28	12	9	9	7	18	13	14	10	
5/16 - 18	20	15	16	12	30	22	24	18	
- 24	23	1 <i>7</i>	19	14	33	24	25	19	
3/8 - 16	40	30	25	20	55	40	40	30	
- 24	40	30	35	25	60	45	45	35	
7/16 - 14	60	45	45	35	90	65	65	50	
- 20	65	50	55	40	95	70	<i>7</i> 5	55	
1/2 - 13	95	70	75	55	130	95	100	<i>7</i> 5	
- 20	100	<i>75</i>	80	60	150	110	120	90	
9/16 - 12	135	100	110	80	190	140	150	110	
- 18	150	110	115	85	210	155	1 <i>7</i> 0	125	
5/8 - 11	180	135	150	110	255	190	205	1 <i>5</i> 0	
- 18	210	155	160	120	290	215	230	1 <i>7</i> 0	
3/4 - 10	325	240	255	190	460	340	365	270	
- 16	365	270	285	210	515	380	410	300	
7/8 - 9	490	360	380	280	745	550	600	440	
- 14	530	390	420	310	825	610	660	490	
1 - 8	720	530	570	420	1100	820	890	660	
- 14	800	590	650	480	1200	890	960	<i>7</i> 10	

FASTENER IDENTIFICATION (Continued)

HOW TO DETERMINE BOLT STRENGTH

	Mark	Class		Mark	Class
Hexagon head bolt	Bolt 6— head No. 7— 8— 9— 10— 11—	4T 5T 6T 7T 8T 9T 10T	Stud bolt	No mark	4 T
	No mark	4 T			
Hexagon flange bolt w/washer hexagon bolt	No mark	4 T		Grooved	6 T
Hexagon head bolt	Two protruding lines	5 T			
Hexagon flange bolt w/washer hexagon bolt	Two protruding lines	6T	Welded bolt		
Hexagon head bolt	Three protruding lines	71			4 T
Hexagon head bolt	Four protruding lines	8T			

RS — INTRODUCTION

FASTENER USAGE

DESCRIPTION

DESCRIPTION - FASTENER USAGE

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 - THREADED HOLE REPAIR

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

INTERNATIONAL SYMBOLS

DESCRIPTION

The graphic symbols illustrated in the following International Control and Display Symbols Chart (Fig. 4) are used to identify various instrument controls. The symbols correspond to the controls and displays that are located on the instrument panel.

≣ ○	≢ 0	- \(\) -	♦	5	6
7	8	9	10	11	12
13	14	15	- + 16	17	18

80be4788

5

Fig. 4 INTERNATIONAL CONTROL AND DISPLAY SYMBOLS

	9		
1	High Beam	13	Rear Window Washer
2	Fog Lamps	14	Fuel
3	Headlamp, Parking Lamps, Panel Lamps	15	Engine Coolant Temperature
4	Turn Warning	16	Battery Charging Condition
5	Hazard Warning	17	Engine Oil
6	Windshield Washer	18	Seat Belt
7	Windshield Wiper	19	Brake Failure
8	Windshield Wiper and Washer	20	Parking Brake
9	Windscreen Demisting and Defrosting	21	Front Hood
10	Ventilating Fan	22	Rear hood (Decklid)
11	Rear Window Defogger	23	Horn
12	Rear Window Wiper	24	Lighter

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METRIC SYSTEM

DESCRIPTION

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)	M	x 3.281	= Feet
Yards	x 0.9144	= Meters	M	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 $(N \cdot m)$. Also, use the chart to convert between millimeters (mm) and inches (in.) (Fig. 5).

METRIC SYSTEM (Continued)

in-lbs to N•m

Nom to in-lbs

in- lb	N∙m	in-lb	N∙m	in-lb	N∙m	in-lb	N∙m	in-lb	N∙m	N•m	in-lb	N∙m	in-lb	N∙m	in-lb	N∙m	in-lb	N∙m	in-lb
2 4 6 8 10 12 14 16 18 20 22 24	.2260 .4519 .6779 .9039 1.1298 1.3558 1.5818 1.8077 2.0337 2.2597 2.4856 2.7116	42 44 46 48 50 52 54 56 58 60 62 64	4.7453 4.9713 5.1972 5.4232 5.6492 5.8751 6.1011 6.3270 6.5530 6.7790 7.0049 7.2309	82 84 86 88 90 92 94 96 98 100 102 104	9.2646 9.4906 9.7165 9.9425 10.1685 10.3944 10.6204 10.8464 11.0723 11.2983 11.5243 11.7502	122 124 126 128 130 132 134 136 138 140 142	13.7839 14.0099 14.2359 14.4618 14.6878 14.9138 15.1397 15.3657 15.5917 15.8176 16.0436 16.2696	162 164 166 168 170 172 174 176 178 180 182 184	18.3032 18.5292 18.7552 18.7811 19.2071 19.4331 19.6590 19.8850 20.1110 20.3369 20.5629 20.7889	N°m .2 .4 .6 .8 1 1.2 1.4 1.6 1.8 2 2.2 2.4 2.6	in-lb 1.7702 3.5404 5.3107 7.0809 8.8511 10.6213 12.3916 14.1618 14.59320 17.7022 19.4725 21.2427 23.0129	N•m 4.2 4.4 4.6 4.8 5 5.2 5.4 5.6 6.2 6.4 6.6	in-lb 37.1747 38.9449 40.7152 42.4854 44.2556 46.0258 47.7961 49.5663 51.3365 53.1067 54.8770 56.6472 58.4174	8.2 8.4 8.6 8.8 9 9.2 9.4 9.6 9.8 10 10.2 10.4	in-lb 72.5792 74.3494 76.1197 77.8899 79.6601 81.4303 83.2006 84.9708 86.7410 88.5112 90.2815 92.0517 93.8219	12.2 12.4 12.6 12.8 13.2 13.4 13.6 13.8 14 14.2	in-lb 107.9837 109.7539 111.5242 113.2944 115.0646 116.8348 118.6051 120.3753 122.1455 123.9157 125.6860 127.4562	16.2 16.4 16.6 16.8 17 17.2 17.4 17.6 17.8 18	
26 28 30 32 34 36 38 40	2.9376 3.1635 3.3895 3.6155 3.8414 4.0674 4.2934 4.5193	68 70 72 74 76 78	7.4569 7.6828 7.9088 8.1348 8.3607 8.5867 8.8127 9.0386	108 110 112 114 116 118	11.9762 12.2022 12.4281 12.6541 12.8801 13.1060 13.3320 13.5580	148 150 152 154 156 158	16.4955 16.7215 16.9475 17.1734 17.3994 17.6253 17.8513 18.0773	188 190 192 194 196 198	21.0148 21.2408 21.4668 21.6927 21.9187 22.1447 22.3706 22.5966	2.6 2.8 3 3.2 3.4 3.6 3.8 4	24.7831 26.5534 28.3236 30.0938 31.8640	6.6 6.8 7 7.2 7.4 7.6 7.8	58.4174 60.1876 61.9579 63.7281 65.4983 67.2685 69.0388 70.8090	10.8 11 11.2 11.4 11.6 11.8	93.8219 95.5921 97.3624 99.1326 100.9028 102.6730 104.4433 106.2135	14.8 15 15.2 15.4 15.6 15.8	129.2264 130.9966 132.7669 134.5371 136.3073 138.0775 139.8478 141.6180	20 20.5 21 22 23 24	172.5970 177.0225 181.4480 185.8736 194.7247 203.5759 212.4270 221.2781

ft-lbs to N•m

N•m to ft-lbs

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	ft-lb	N∙m	ft-lb	N∙m	ft-lb	N∙m	ft-lb
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	59.7425
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	60.4801
3	4.0675	23	31.1838	43	58.3002	63	85.4165	83	112.5328	3	2.2127	23	16.9639	43	31.7152	63	46.4664	83	61.2177
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	61.9552
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	47.9415	85	62.6928
6	8.1349	26	35.2513	46	62.3676	66	89.4840	86	116.6004	6	4.4254	26	19.1766	46	33.9279	66	48.6791	86	63.4303
7	9.4907	27	36.6071	47	63.7234	67	90.8398	87	117.9562	7	5.1629	27	19.9142	47	34.6654	67	49.4167	87	64.1679
8	10.8465	28	37.9629	48	65.0793	68	92.1956	88	119.3120	8	5.9005	28	20.6517	48	35.4030	68	50.1542	88	64.9545
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	65.6430
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	66.3806
11	14.9140	31	42.0304	51	69.1467	71	96.2631	91	123.3794	11	8.1132	31	22.8644	51	37.6157	<i>7</i> 1	52.3669	91	67.1181
12	16.2698	32	43.3862	52	70.5025	72	97.6189	92	124.7352	12	8.8507	32	23.6020	52	38.3532	72	53.1045	92	67.8557
13	17.6256	33	44.7420	53	71.8583	73	98.9747	93	126.0910	.13	9.5883	33	24.3395	53	39.0908	73	53.8420	93	68.5933
14	18.9815	34	46.0978	54	73.2142	74	100.3316	94	127.4468	14	10.3259	34	25.0771	54	39.8284	74	54.5720	94	69.3308
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	70.0684
16	21.6931	36	48.8094	56	75.9258	76	103.0422	96	130.1586	16	11.8010	36	26.5522	56	41.3035	76	56.0547	96	70.8060
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	71.5435
18	24.4047	38	51.5211	58	78.6374	78	105.7538	98	132.8702	18	13.2761	38	28.0274	58	42.7786	78	57.5298	98	72.2811
19	25.7605	39	52.8769	59	79.9933	79	107.1196	99	134.2260	19	14.0137	39	28.7649	59	43.5162	79	58.2674	99	73.0187
20	27.1164	40	54.2327	60	81.3491	80	108.4654	100	135.5820	20	14.7512	40	29.5025	60	44.2537	80	59.0050	100	73.7562

in. to mm

mm to in.

in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.
.01 .02 .03 .04 .05 .06 .07 .08 .09 .10 .11 .12 .13 .14 .15 .16 .17 .18 .19 .20	.254 .508 .762 1.016 1.270 1.524 1.778 2.032 2.286 2.540 3.302 2.794 3.048 3.302 3.556 3.810 4.064 3.318 4.572 4.826 5.080	.21 .22 .23 .24 .25 .26 .27 .28 .29 .30 .31 .32 .33 .34 .35 .36 .37 .38	5.334 5.588 5.842 6.096 6.304 6.858 7.112 7.366 7.620 7.874 8.128 8.382 8.382 8.636 9.144 9.398 9.652 9.906 10.160	.41 .42 .43 .44 .45 .46 .47 .48 .49 .50 .51 .52 .53 .54 .55 .56 .57 .58 .59 .60	10.414 10.668 10.922 11.176 11.484 11.938 12.192 12.446 12.700 12.954 13.208 13.462 13.716 14.224 14.478 14.732 14.986 15.240	.61 .62 .63 .64 .65 .66 .67 .68 .69 .70 .71 .72 .73 .74 .75 .76 .77 .78 .79	15.494 15.748 16.002 16.256 16.510 16.764 17.018 17.272 17.526 17.780 18.034 18.288 18.542 18.796 19.050 19.304 19.558 19.812 20.066 20.320	.81 .82 .83 .84 .85 .86 .87 .88 .89 .90 .91 .92 .93 .94 .95 .96 .97 .98 .99	20.574 20.828 21.082 21.336 21.594 22.098 22.352 22.606 22.860 23.114 23.368 23.622 23.872 24.130 24.384 24.638 24.892 25.146 25.400	.01 .02 .03 .04 .05 .06 .07 .08 .09 .10 .11 .12 .13 .14 .15 .16 .17 .18	.00039 .00079 .00118 .00157 .00157 .00236 .00276 .00315 .00354 .00394 .00472 .00511 .00591 .00591 .0069 .0069 .007048 .00787	.21 .22 .23 .24 .25 .26 .27 .28 .29 .30 .31 .32 .33 .34 .35 .36 .37 .38 .39 .40	.00827 .00866 .00906 .00945 .00984 .01024 .01063 .01102 .01181 .01220 .01260 .01299 .01339 .01417 .01457 .01457 .01535	.41 .42 .43 .44 .45 .46 .47 .48 .49 .50 .51 .52 .53 .54 .55 .56 .57 .58	.01614 .01654 .01693 .01732 .01772 .01811 .01850 .01890 .01999 .02008 .02047 .02087 .02126 .02126 .02125 .02244 .02283 .02323	.61 .62 .63 .64 .65 .66 .67 .68 .69 .70 .71 .72 .73 .74 .75 .76 .77 .78 .79 .80	.02402 .02441 .02480 .02520 .02558 .02658 .02677 .02717 .02756 .02795 .02835 .02874 .02913 .02923 .03032 .03071 .03110	.81 .82 .83 .84 .85 .86 .87 .88 .89 .90 .91 .92 .93 .94 .95 .96 .97 .98 .99 .90	.03189 .03228 .03268 .03307 .03346 .03386 .03425 .03543 .03543 .03543 .03543 .03583 .03622 .03661 .03701 .03780 .03780 .03819 .03858 .03898 .03898

8 INTRODUCTION — RS

TORQUE REFERENCES

tions Chart for torque references not listed in the individual torque charts (Fig. 6).

DESCRIPTION

Individual Torque Charts appear within many or the Groups. Refer to the Standard Torque Specifica-

SPECIFIED TORQUE FOR STANDARD BOLTS

-1			Specified torque								
Class	Diameter	Pitch		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			
4 T	10	1.25	26	260	19	29	290	21			
	12	1.25	47	480	35	53	540	39			
	14	1.5	74	760	55	84	850	61			
	16	1.5	115	1,150	83	_	_				
	6	1	6.5	65	56 inlbf	7.5	75	65 inlb			
	8	1.25	15.5	160	12	17.5	1 <i>7</i> 5	13			
5T	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	76			
	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	15			
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			
71	10	1.25	52	530	38	58	590	43			
•	12	1.25	95	970	<i>7</i> 0	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			
111	10	1.25	87	430 890	64	97	990	<i>7</i> 2			
111	1 10 1	1.20	0/	070	04	1 7/	770	, <u>-</u>			

Fig. 6 TORQUE SPECIFICATIONS

VEHICLE IDENTIFICATION NUMBER

DESCRIPTION

The Vehicle Identification Number (VIN) can be viewed through the windshield at the upper left corner of the instrument panel, near the left windshield pillar (Fig. 7). The VIN consists of 17 characters in a combination of letters and numbers that provide specific information about the vehicle. Refer to VIN Code Breakdown Chart for decoding information.

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.

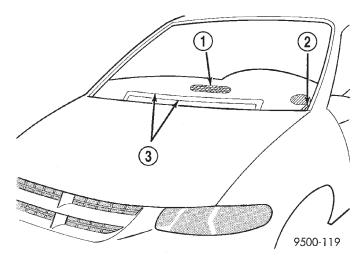


Fig. 7 VEHICLE IDENTIFICATION NUMBER (VIN)

- 1 DEFROSTER OUTLET
- 2 VEHICLE IDENTIFICATION NUMBER
- 3 HEATED WINDSHIELD GRID

VIN CODE BREAKDOWN CHART

POSITION	INTERPRETATION	CODE = DESCRIPTION
1	Country of Origin	1 = Built in the United States by DaimlerChrysler
		2 = Built in Canada by DaimlerChrysler Canada Inc.
2	Make	B = Dodge
		C = Chrysler
3	Vehicle Type	4 = Multipurpose Pass. Vehicle Less Side Air Bags
		8 = Multipurpose Pass. Vehicle With Side Air Bags
4	Gross Vehicle Weight Rating	G = 2268 - 2721 kg. (5001 - 6000 lbs.)
5	Car Line	P = Chrysler, Town & Country - FWD
		P = Dodge, Caravan/Grand Caravan - FWD
		T = Chrysler, Town & Country - AWD
		T = Dodge, Grand Caravan - AWD
		J = Chrysler, Voyager/Grand Voyager - FWD
		Y = Voyager/Grand Voyager - FWD Left Hand Drive
		C = Voyager/Grand Voyager - AWD Left Hand Drive
		H = Voyager/Grand Voyager - FWD Right Hand Drive
		K = Voyager/Grand Voyager - AWD Left Hand Drive

VEHICLE IDENTIFICATION NUMBER (Continued)

POSITION	INTERPRETATION	CODE = DESCRIPTION
6	Series	2 = Low Line
		4 = High Line
		5 = Premium
		6 = Sport
		7 = Special
6 - Export	Series	B = 4-Speed Automatic Transaxle
		N = 5-Speed Manual Transaxle
7	Body Style	4 = Long Wheel Base
		5 = Short Wheel Base
7 - Export	Body Style	1 = EURO Wagon-Long Wheelbase RG-53-S Series
		2 = EURO Wagon-Short Wheelbase RG-52-H Series
		3 = EURO Wagon-Short Wheelbase RG-52-P Series
		4 = EURO Wagon-Long Wheelbase RG-53-P Series
		5 = EURO Wagon-Long Wheelbase RG-53-H Series
		6 = Comercial Van-Short Wheelbase with-CYX Less AS8
		7 = Comercial Van-Short Wheelbase with AS8
		8 = Comercial Van-Long Wheelbase Highline with-CYX
		9 = Comercial Van-Long Wheelbase Premium Line with-CYX
		CYX = No Rear Seat Package
		AS8 = Interior Delete Group
8	Engine	B = 2.4L 4 cyl. 16-Valve Gasoline DOHC (MPI)
		L = 3.8L 6 cyl. Gasoline (SMPI)
		R = 3.3L 6 cyl. Gasoline (SMPI)
		3 = 3.3L 6 cyl. Enthanol Flex Fuel
		7 = 2.5L 4 cyl. 16 Valve Turbo Diesel
9	Check Digit	See explanation in this section.
10	Model Year	2= 2002
11	Assembly Plant	B = St. Louis Assembly South
		R = Windsor Assembly
		U = Graz Assembly
12 through 17	Sequence Number	A six digit number assigned by assembly plant.

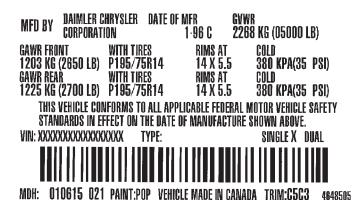
RS — INTRODUCTION

VEHICLE SAFETY CERTIFICATION LABEL

DESCRIPTION

A vehicle safety certification label is attached to the rear shutface of the driver's door (Fig. 8). This label indicates date of manufacture (month and year), Gross Vehicle Weight Rating (GVWR), Gross Axle Weight Rating (GAWR) front, Gross Axle Weight Rating (GAWR) rear and the Vehicle Identification Number (VIN). The Month, Day and Hour of manufacture is also included.

All communications or inquiries regarding the vehicle should include the Month-Day-Hour and Vehicle Identification Number.



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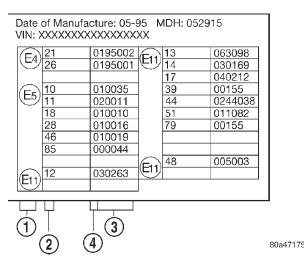
Fig. 8 VEHICLE SAFETY CERTIFICATION LABEL -TYPICAL

E-MARK LABEL

DESCRIPTION

An E-mark Label (Fig. 9) is located on the rear shut face of the driver's door. The label contains the following information:

- Date of Manufacture
- Month-Day-Hour (MDH)
- Vehicle Identification Number (VIN)
- Country Codes
- Regulation Number
- Regulation Amendment Number
- Approval Number



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Fig. 9 E-Mark Label

- 1 COUNTRY CODE
- 2 REGULATION NUMBER
- 3 APPROVAL NUMBER
- 4 AMENDMENT NUMBER

VECI LABEL

DESCRIPTION

All models have a Vehicle Emission Control Information (VECI) Label. Chrysler permanently attaches the label in the engine compartment. It cannot be removed without defacing information and destroying the label.

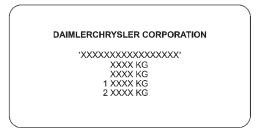
The label contains the vehicle's emission specifications and vacuum hose routings. All hoses must be connected and routed according to the label.

MANUFACTURER PLATE

DESCRIPTION

The Manufacturer Plate (Fig. 10) 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)



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Fig. 10 MANUFACTURER PLATE

LUBRICATION & MAINTENANCE

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LUBRICATION & MAINTENANCE

SPECIFICATIONS - FLUID CAPACITIES

DESCRIPTION	SPECIFICATION
Fuel Tank (Gas)	75 L (20 gal.)
Fuel Tank (Diesel)	75 L (20 gal.)
Engine Oil* - 2.4 L	4.7 L (5.0 qts.)
Engine Oil* - 3.3/3.8 L	4.0 L (4.5 qts.)
Engine Oil* - 2.5 L (Diesel)	6.0 L (6.3 qts.)
Cooling System** - 2.4 L	10.7 L (11.4 qts.)
Cooling System** - 2.5 L Turbo Diesel with Auxiliary Heater	13.8 L (14.6 qts.)
Cooling System** - 3.3/3.8 L without Auxiliary Heater	12.6 L (13.4 qts.)

DESCRIPTION	SPECIFICATION				
Cooling System** - 3.3/3.8 L with Auxiliary Heater	15.4 L (16.3 qts.)				
Automatic Transaxle - Service Fill	3.8 L (4.0 qts.)				
Automatic Transaxle - 31TH Overhaul Fill	8.6 L (9.1 qts.)				
Automatic Transaxle - 41TE Overhaul Fill	9.2 L (9.7 qts.)				
Manual Transaxle (T850 5-Speed)	2.4-2.7 L (2.5-2.9 qts.)				
AWD Power Transfer Unit	1.15 L (2.4 pts.)				
Power Steering	1.2 L (2.5 pts.)				
AWD Bi-directional Overrunning Clutch	0.575 L (1.22 pts.)				
AWD Rear Carrier	0.7 L (1.48 pts.)				
* (include	s oil filter)				
** (includes heater and recovery/reserve bottle)					

INTERNATIONAL SYMBOLS

DESCRIPTION

DaimlerChrysler Corporation uses international symbols to identify engine compartment lubricant and fluid inspection and fill locations (Fig. 1).

المراح	ENGINE OIL		BRAKE FLUID
THE THE	AUTOMATIC TRANSMISSION FLUID	\bigcirc	POWER STEERING FLUID
	ENGINE COOLANT		WINDSHIELD WASHER FLUID

8097ddbd

Fig. 1 INTERNATIONAL SYMBOLS

FLUID TYPES

DESCRIPTION

DESCRIPTION - ENGINE OIL AND LUBRICANTS

WARNING: NEW OR USED ENGINE OIL CAN BE IRRITATING TO THE SKIN. AVOID PROLONGED OR REPEATED SKIN CONTACT WITH ENGINE OIL. CONTAMINANTS IN USED ENGINE OIL, CAUSED BY INTERNAL COMBUSTION, CAN BE HAZARDOUS TO YOUR HEALTH. THOROUGHLY WASH EXPOSED SKIN WITH SOAP AND WATER. DO NOT WASH SKIN WITH GASOLINE, DIESEL FUEL, THINNER, OR SOLVENTS, HEALTH PROBLEMS CAN RESULT. DO NOT POLLUTE, DISPOSE OF USED ENGINE OIL PROPERLY. CONTACT YOUR DEALER OR GOVERNMENT AGENCY FOR LOCATION OF COLLECTION CENTER IN YOUR AREA.

When service is required, DaimlerChrysler Corporation recommends that only Mopar® brand parts, lubricants and chemicals be used. Mopar® provides the best engineered products for servicing DaimlerChrysler Corporation vehicles.

Only lubricants bearing designations defined by the following organization should be used.

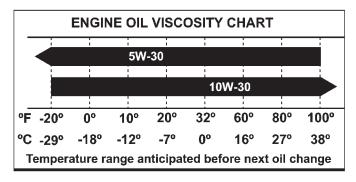
- Society of Automotive Engineers (SAE)
- American Petroleum Institute (API)
- National Lubricating Grease Institute (NLGI)

API SERVICE GRADE CERTIFIED

Use an engine oil that is API Certified. $MOPAR^{\circledast}$ provides engine oils, that meet or exceed this requirement.

SAE VISCOSITY

An SAE viscosity grade is used to specify the viscosity of engine oil. Use only engine oils with multiple viscosities such as 5W-30 or 10W-30. These are specified with a dual SAE viscosity grade which indicates the cold-to-hot temperature viscosity range. Select an engine oil that is best suited to your particular temperature range and variation (Fig. 2).



80990199

Fig. 2 TEMPERATURE/ENGINE OIL VISCOSITY ENERGY CONSERVING OIL

An Energy Conserving type oil is recommended for gasoline engines. The designation of ENERGY CONSERVING is located on the label of an engine oil container.

CONTAINER IDENTIFICATION

Standard engine oil identification notations have been adopted to aid in the proper selection of engine oil. The identifying notations are located on the front label of engine oil plastic bottles and the top of engine oil cans (Fig. 3).

This symbol means that the oil has been certified by the American Petroleum Institute (API). Diamler-Chrysler only recommend API Certified engine oils. Use Mopar® engine oil or equivalent.



9400-9

GEAR LUBRICANTS

SAE ratings also apply to multigrade gear lubricants. In addition, API classification defines the lubricants usage. Such as API GL-5 and SAE 75W-90.

LUBRICANTS AND GREASES

Lubricating grease is rated for quality and usage by the NLGI. All approved products have the NLGI symbol (Fig. 4) on the label. At the bottom of the NLGI symbol is the usage and quality identification letters. Wheel bearing lubricant is identified by the letter "G". Chassis lubricant is identified by the letter "L". The letter following the usage letter indicates the quality of the lubricant. The following symbols indicate the highest quality.

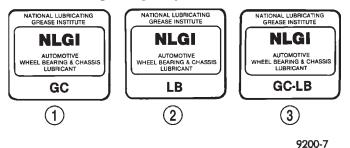


Fig. 4 NLGI SYMBOL

- 1 WHEEL BEARINGS
- 2 CHASSIS LUBRICATION
- 3 CHASSIS AND WHEEL BEARINGS

SPECIALIZED LUBRICANTS AND OILS

Some maintenance or repair procedures may require the use of specialized lubricants or oils. Consult the appropriate sections in this manual for the correct application of these lubricants.

DESCRIPTION - ENGINE COOLANT

WARNING: ANTIFREEZE IS AN ETHYLENE GLYCOL BASE COOLANT AND IS HARMFUL IF SWAL-LOWED OR INHALED. IF SWALLOWED. DRINK TWO GLASSES OF WATER AND INDUCE VOMIT-ING. IF INHALED. MOVE TO FRESH AIR AREA. SEEK MEDICAL ATTENTION IMMEDIATELY. DO NOT STORE IN OPEN OR UNMARKED CONTAINERS. WASH SKIN AND CLOTHING THOROUGHLY AFTER COMING IN CONTACT WITH ETHYLENE GLYCOL. KEEP OUT OF REACH OF CHILDREN. DISPOSE OF GLYCOL BASE COOLANT PROPERLY, CONTACT YOUR DEALER OR GOVERNMENT AGENCY FOR LOCATION OF COLLECTION CENTER IN YOUR AREA. DO NOT OPEN A COOLING SYSTEM WHEN THE ENGINE IS AT OPERATING TEMPERATURE OR HOT UNDER PRESSURE, PERSONAL INJURY CAN RESULT. AVOID RADIATOR COOLING FAN WHEN ENGINE COMPARTMENT RELATED SERVICE IS PERFORMED, PERSONAL INJURY CAN RESULT.

CAUTION: Use of Propylene Glycol based coolants is not recommended, as they provide less freeze protection and less boiling protection.

The cooling system is designed around the coolant. The coolant must accept heat from engine metal, in the cylinder head area near the exhaust valves and engine block. Then coolant carries the heat to the radiator where the tube/fin radiator can transfer the heat to the air.

The use of aluminum cylinder blocks, cylinder heads, and water pumps requires special corrosion protection. Mopar® Antifreeze/Coolant, 5 Year/100,000 Mile Formula (MS-9769), or the equivalent ethylene glycol base coolant with hybrid organic corrosion inhibitors (called HOAT, for Hybrid Organic Additive Technology) is recommended. This coolant offers the best engine cooling without corrosion when mixed with 50% Ethylene Glycol and 50% distilled water to obtain a freeze point of -37°C (-35°F). If it loses color or becomes contaminated, drain, flush, and replace with fresh properly mixed coolant solution.

The green coolant **MUST NOT BE MIXED** with the orange or magenta coolants. When replacing coolant the complete system flush must be performed before using the replacement coolant.

CAUTION: Mopar® Antifreeze/Coolant, 5 Year/100,000 Mile Formula (MS-9769) may not be mixed with any other type of antifreeze. Doing so will reduce the corrosion protection and may result in premature water pump seal failure. If non-HOAT coolant is introduced into the cooling system in an emergency, it should be replaced with the specified coolant as soon as possible.

DESCRIPTION - FLEXIBLE FUEL ENGINE OIL

The information in this section is for Flexible Fuel Vehicles (FFV) only. These vehicles can be identified by the unique Fuel Filler Door Label that states Ethanol (E-85) or Unleaded Gasoline Only. This section only covers those subjects that are unique to these vehicles. Please refer to the other sections of this manual for information on features that are common between Flexible Fuel and gasoline only powered vehicles.

ETHANOL FUEL (E-85)

E-85 is a mixture of approximately 85% fuel ethanol and 15% unleaded gasoline.

WARNING: Ethanol vapors are extremely flammable and could cause serious personal injury. Never have any smoking materials lit in or near the vehicle when removing the fuel filler tube cap (gas cap) or filling the tank. Do not use E-85 as a cleaning agent and never use it near an open flame.

FUEL REQUIREMENTS

The vehicle will operate on both unleaded gasoline with an octane rating of 87, or E-85 fuel, or any mixture of these two.

For best results, a refueling pattern that alternates between E-85 and unleaded gasoline should be avoided. When you do switch fuels, it is recommended that

- you do not switch when the fuel gauge indicates less than 1/4 full
- you do not add less than 5 gallons when refueling
- you operate the vehicle immediately after refueling for a period of at least 5 minutes

Observing these precautions will avoid possible hard starting and/or significant deterioration in driveability during warm up.

FFV STARTING

The characteristics of E-85 fuel make it unsuitable for use when ambient temperatures fall below 0°F. In the range of 0°F to 32°F, you may experience an increase in the time it takes for your engine to start, and a deterioration in driveability (sags and/or hesitations) until the engine is fully warmed up.

Engine Operating on E-85 Fuel

If vehicle operates on E-85 fuel either full or parttime, use only Mopar® Flexible Fuel 5W-30 engine oil or an equivalent that meets DaimlerChrysler Standard MS-9214. Equivalent commercial Flexible Fuel engine oils may be labeled as Multi-Fuel, Variable Fuel, Flexible Fuel, etc. These engine oils may be satisfactory if they meet the DaimlerChrysler Standard.

SAE 5W-30 engine oil is preferred for use in Flexible Fuel engines.

CAUTION: If Flexible Fuel engine oil is not used when using E-85 fuel, engine wear or damage may result.

CRUISING RANGE

Because E-85 fuel contains less energy per gallon than gasoline, you will experience an increase in fuel consumption. You can expect your MPG and your driving range to decrease by about 30% compared to gasoline operation.

DESCRIPTION - AUTOMATIC TRANSMISSION FILLID

NOTE: Refer to the maintenance schedules for the recommended maintenance (fluid/filter change) intervals for this transaxle.

NOTE: All transaxles have a common transmission and differential sump. Filling the transaxle accommodates the differential as well.

TRANSMISSION FLUID

Mopar® ATF+4 (Automatic Transmission Fluid-Type 9602) is required in the 41TE automatic and T850 manual transaxles. Substitute fluids can induce torque converter clutch shudder.

Mopar® ATF+4 (Automatic Transmission Fluid-Type 9602) when new is red in color. The ATF is dyed red so it can be identified from other fluids used in the vehicle such as engine oil or antifreeze. The red color is not permanent and is not an indicator of fluid condition. As the vehicle is driven, the ATF will begin to look darker in color and may eventually become brown. This is normal. ATF+4 also has a unique odor that may change with age. Consequently, odor and color cannot be used to indicate the fluid condition or the need for a fluid change.

FLUID ADDITIVES

DaimlerChrysler strongly recommends against the addition of any fluids to the transmission, other than those automatic transmission fluids listed above. Exceptions to this policy are the use of special dyes to aid in detecting fluid leaks.

Various "special" additives and supplements exist that claim to improve shift feel and/or quality. These additives and others also claim to improve converter clutch operation and inhibit overheating, oxidation, varnish, and sludge. These claims have not been supported to the satisfaction of DaimlerChrysler and these additives **must not be used.** The use of transmission "sealers" should also be avoided, since they may adversely affect the integrity of transmission seals.

DESCRIPTION - FUEL REQUIREMENTS

Your engine is designed to meet all emissions regulations and provide excellent fuel economy and performance when using high quality unleaded gasoline having an octane rating of 87. The use of premium gasoline is not recommended. The use of premium gasoline will provide no benefit over high quality regular gasoline, and in some circumstances may result in poorer performance.

Light spark knock at low engine speeds is not harmful to your engine. However, continued heavy spark knock at high speeds can cause damage and immediate service is required. Engine damage resulting from operation with a heavy spark knock may not be covered by the new vehicle warranty.

Poor quality gasoline can cause problems such as hard starting, stalling and hesitations. If you experience these symptoms, try another brand of gasoline before considering service for the vehicle.

Over 40 auto manufacturers world-wide have issued and endorsed consistent gasoline specifications (the Worldwide Fuel Charter, WWFC) to define fuel properties necessary to deliver enhanced emissions, performance and durability for your vehicle. We recommend the use of gasolines that meet the WWFC specifications if they are available.

REFORMULATED GASOLINE

Many areas of the country require the use of cleaner burning gasoline referred to as "reformulated" gasoline. Reformulated gasoline contain oxygenates, and are specifically blended to reduce vehicle emissions and improve air quality.

We strongly support the use of reformulated gasoline. Properly blended reformulated gasoline will provide excellent performance and durability for the engine and fuel system components.

GASOLINE/OXYGENATE BLENDS

Some fuel suppliers blend unleaded gasoline with oxygenates such as 10% ethanol, MTBE, and ETBE. Oxygenates are required in some areas of the country during the winter months to reduce carbon monoxide emissions. Fuels blended with these oxygenates may be used in your vehicle.

CAUTION: DO NOT use gasoline containing METH-ANOL. Gasoline containing methanol may damage critical fuel system components.

MMT IN GASOLINE

MMT is a manganese-containing metallic additive that is blended into some gasoline to increase octane. Gasoline blended with MMT provide no performance advantage beyond gasoline of the same octane number without MMT. Gasoline blended with MMT reduce spark plug life and reduce emission system performance in some vehicles. We recommend that gasoline free of MMT be used in your vehicle. The MMT content of gasoline may not be indicated on the gasoline pump; therefore, you should ask your gasoline retailer whether or not his/her gasoline contains MMT.

It is even more important to look for gasoline without MMT in Canada because MMT can be used at

levels higher than allowed in the United States. MMT is prohibited in Federal and California reformulated gasoline.

SULFUR IN GASOLINE

If you live in the northeast United States, your vehicle may have been designed to meet California low emission standards with Cleaner-Burning California reformulated gasoline with low sulfur. If such fuels are not available in states adopting California emission standards, your vehicles will operate satisfactorily on fuels meeting federal specifications, but emission control system performance may be adversely affected. Gasoline sold outside of California is permitted to have higher sulfur levels which may affect the performance of the vehicle's catalytic converter. This may cause the Malfunction Indicator Lamp (MIL), Check Engine or Service Engine Soon light to illuminate. We recommend that you try a different brand of unleaded gasoline having lower sulfur to determine if the problem is fuel related prior to returning your vehicle to an authorized dealer for service.

CAUTION: If the Malfunction Indicator Lamp (MIL), Check Engine or Service Engine Soon light is flashing, immediate service is required; see on-board diagnostics system section.

MATERIALS ADDED TO FUEL

All gasoline sold in the United States and Canada are required to contain effective detergent additives. Use of additional detergents or other additives is not needed under normal conditions.

FUEL SYSTEM CAUTIONS

CAUTION: Follow these guidelines to maintain your vehicle's performance:

- The use of leaded gas is prohibited by Federal law. Using leaded gasoline can impair engine performance, damage the emission control system, and could result in loss of warranty coverage.
- An out-of-tune engine, or certain fuel or ignition malfunctions, can cause the catalytic converter to overheat. If you notice a pungent burning odor or some light smoke, your engine may be out of tune or malfunctioning and may require immediate service. Contact your dealer for service assistance.
- When pulling a heavy load or driving a fully loaded vehicle when the humidity is low and the temperature is high, use a premium unleaded fuel to help prevent spark knock. If spark knock persists, lighten the load, or engine piston damage may result.

• The use of fuel additives which are now being sold as octane enhancers is not recommended. Most of these products contain high concentrations of methanol. Fuel system damage or vehicle performance problems resulting from the use of such fuels or additives is not the responsibility of DaimlerChrysler Corporation and may not be covered under the new vehicle warranty.

NOTE: Intentional tampering with emissions control systems can result in civil penalties being assessed against you.

DESCRIPTION - FUEL REQUIREMENTS - DIESEL ENGINE

WARNING: DO NOT USE ALCOHOL OR GASOLINE AS A FUEL BLENDING AGENT. THEY CAN BE UNSTABLE UNDER CERTAIN CONDITIONS AND HAZARDOUS OR EXPLOSIVE WHEN MIXED WITH DIESEL FUEL.

Use good quality diesel fuel from a reputable supplier. For most year-round service, number 2 diesel fuel meeting ASTM specification D-975 will provide good performance. If the vehicle is exposed to extreme cold (below -18°C/0°F) or is required to operate at colder than normal conditions for prolonged periods, use climatize No. 2 diesel fuel or dilute the No. 2 diesel fuel with 50% No. 1 diesel fuel. This will provide better protection from fuel gelling or wax plugging of the fuel filters.

Diesel fuel is seldom completely free of water. To prevent fuel system trouble, including fuel line freezing in winter, drain the accumulated water from the fuel/water separator using the fuel/water separator drain provided. If you buy good quality fuel and follow the cold weather advice above, fuel conditioners should not be required in your vehicle. If available in your area, a high cetane "premium" diesel fuel may offer improved cold starting and warm up performance.

DESCRIPTION - ENGINE OIL - DIESEL ENGINES

Use only Diesel Engine Oil meeting standard MIL-2104C or API Classification CD or higher or CCML D4. D5.

SAE VISCOSITY GRADE

CAUTION: Low viscosity oils must have the proper API quality or the CCMC G5 designation.

To assure of properly formulated engine oils, it is recommended that SAE Grade 10W-40 engine oils

that meet Chrysler material standard MS-6395, be used. European Grade 10W-40 oils are also acceptable

Oils of the SAE 5W-40 or 8W-80 grade number are preferred when minimum temperatures consistently fall below -12°C.

FLUID FILL/CHECK LOCATIONS

DESCRIPTION

The fluid check/fill point locations are located in each applicable service manual section.

LUBRICATION POINTS

DESCRIPTION

Lubrication point locations are located in each applicable Sections.

MAINTENANCE SCHEDULES

DESCRIPTION

"Maintenance Schedule Information not included in this section, is located in the appropriate Owner's Manual."

HOISTING

STANDARD PROCEDURE - HOISTING

Refer to Owner's Manual provided with vehicle for proper emergency jacking procedures.

WARNING: THE HOISTING AND JACK LIFTING POINTS PROVIDED ARE FOR A COMPLETE VEHICLE. WHEN THE ENGINE OR REAR SUSPENSION IS REMOVED FROM A VEHICLE, THE CENTER OF GRAVITY IS ALTERED MAKING SOME HOISTING CONDITIONS UNSTABLE. PROPERLY SUPPORT OR SECURE VEHICLE TO HOISTING DEVICE WHEN THESE CONDITIONS EXIST.

CAUTION: Do not position hoisting device on any suspension component, including the front suspension crossmember, the rear leaf springs, and the rear axle. Do not hoist on the front and rear bumpers, the lower liftgate crossmember, the lower radiator crossmember, the down standing flanges on the sill or the front engine mount.

FOR PROPER HOIST PLACEMENT REFER TO (Fig. 5).

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