# - INTRODUCTION 1

# INTRODUCTION

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# **GENERAL INFORMATION**

# **GENERAL INFORMATION**

### VEHICLE IDENTIFICATION NUMBER (VIN)

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. The Vehicle Identification Number is also imprinted on the:

- Body Code Plate.
- Equipment Identification Plate.
- Vehicle Safety Certification Label.
- Frame rail.

# METRIC SYSTEM6THREADED HOLE REPAIR6TORQUE REFERENCES8VEHICLE DIMENSIONS2VEHICLE IDENTIFICATION NUMBER (VIN)1VEHICLE SAFETY CERTIFICATION LABEL1

# VEHICLE SAFETY CERTIFICATION LABEL

A vehicle safety certification label (Fig. 1) is attached to every Chrysler Corporation vehicle. The label certifies that the vehicle conforms to all applicable Federal Motor Vehicle Safety 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.

# VEHICLE IDENTIFICATION NUMBER DECODING CHART

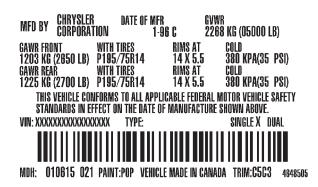
POSITION	INTERPRETATION	CODE = DESCRIPTION
1	Country of Origin	1 = United States
2	Make	J = Jeep
3	Vehicle Type	4 = MPV
4	Gross Vehicle Weight Rating	G = 5001-6000 lbs.
5	Vehicle Line	X = Grand Cherokee 4X2 (LHD) Z = Grand Cherokee 4X4 (LHD)
6	Series	5 = Laredo 7 = Limited 8 = Limited (W/5.9L)
7	Body Style	8 = 4dr Sport Utility
8	Engine	S = 4.0  Liter Y = 5.2 Liter Z = 5.9 Liter
9	Check Digit	
10	Model Year	W = 1998
11	Assembly Plant	C = Jefferson Assembly
12 thru 17	Vehicle Build Sequence	

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page

- Paint and Trim codes.
- Country of origin.

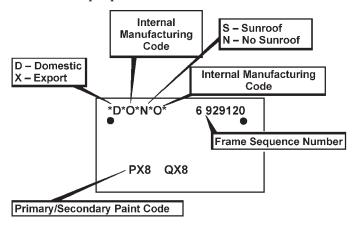
The label is located on the driver-side door shut-face.



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# Fig. 1 Vehicle Safety Certification Label—Typical BODY CODE PLATE

A metal Body Code plate is attached to the top, left side of the radiator reinforcement. The information listed on the plate (Fig. 2) is used for manufacturing and service purposes.



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Fig. 2 Body Code Plate

# VEHICLE DIMENSIONS

The vehicle exterior and interior dimensions are listed in inches and centimeters.

### EXTERIOR DIMENSIONS

Wheel Base	.105.9 in. (269.1 cm.)
Track: Front	58.0 in. (147.3 cm.)
Track: Rear	58.0 in. (147.3 cm.)
Length	.176.7 in. (448.8 cm.)
Width	69.3 in. (176.0 cm.)
Height	64.7 in. (164.3 cm.)

# INTERIOR DIMENSIONS

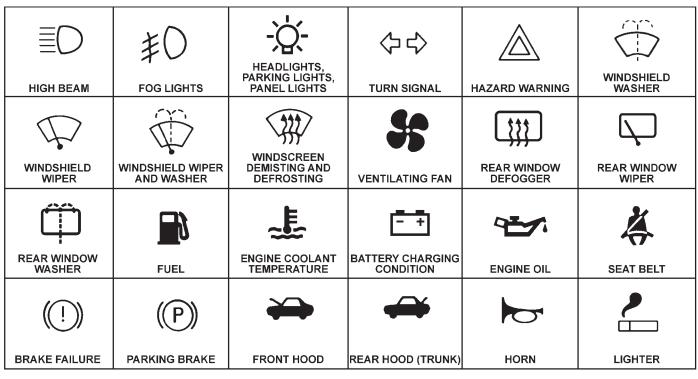
Head Room-Front
Head Room-Rear
Leg-Front
Leg-Rear
Shoulder-Front
Shoulder-Rear
Hip-Front
Hip-Rear

INTERNATIONAL VEHICLE CONTROL AND DISPLAY SYMBOLS

# INTERNATIONAL VEHICLE CONTROL AND DISPLAY SYMBOLS

The graphic symbols illustrated in the following chart are used to identify various instrument controls. The symbols correspond to the controls and displays that are located on the instrument panel.

**INTERNATIONAL CONTROL AND DISPLAY SYMBOLS** 



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# FASTENER IDENTIFICATION

# FASTENER IDENTIFICATION

### THREAD IDENTIFICATION

SAE and metric bolt/nut threads are not the same. The difference is described in the Thread Notation chart (Fig. 3).

INCH		METR	
5/16-1	8	M8 X	1.25
THREAD MAJOR DIAMETER IN INCHES	NUMBER OF THREADS PER INCH	THREAD MAJOR DIAMETER IN MILLIMETERS	DISTANCE BETWEEN THREADS IN MILLIMETERS

PR606B

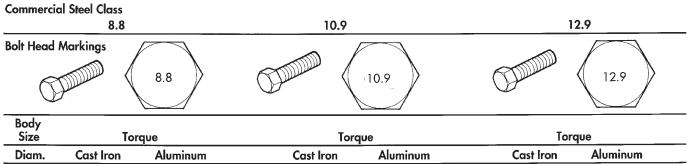
Fig. 3 Thread Notation—SAE and Metric

# **GRADE/CLASS IDENTIFICATION**

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 12.9. 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.

# **FASTENER IDENTIFICATION**

# **Bolt Markings and Torque - Metric**



C	Diam.	Cast Iron Aluminum		Cas	t Iron	Alun	ninum	Cas	Aluminum					
	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	75	
	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	170	180	135	320	240	250	185	400	290	310	230	

# Bolt Markings and Torque Values - U.S. Customary

SAE Grade Number

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



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* *								
		Bolt Torque	e - Grade 5 B	olt	Bol	t Torque - G	rade 8 Bolt	
Body Size	Cas	st Iron	Alun	ninum	Cast	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	17	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
/16 - 14	60	45	45	35	90	65	65	50
- 20	65	50	55	40	95	70	75	55
1/2 - 13	95	70	75	55	130	95	100	75
- 20	100	75	80	60	150	110	120	90
2/16 - 12	135	100	110	80	190	140	150	110
- 18	150	110	115	85	210	155	170	125
5/8 - 11	180	135	150	110	255	190	205	150
- 18	210	155	160	120	290	215	230	170
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	710

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# **FASTENER STRENGTH**

# HOW TO DETERMINE BOLT STRENGTH

	Mark	Class		Mark	Class
Hexagon head bolt	4	4T 5T 6T 7T 8T 9T 10T 11T	Stud bolt	No mark	<b>4</b> T
	No mark	4T			
Hexagon flange bolt w/washer hexagon bolt	No mark	<b>4</b> T		Grooved	6T
Hexagon head bolt	Two protruding lines	5Т			
Hexagon flange bolt w/washer hexagon bolt	Two protruding lines	бТ	Welded bolt		
Hexagon head bolt	Three protruding lines	71			4T
Hexagon head bolt	Four protruding lines	8T			

# FASTENER USAGE

WARNING: USE OF AN INCORRECT FASTENER MAY RESULT IN COMPONENT DAMAGE OR PER-SONAL INJURY.

Figure art, specifications and torque 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.

# THREADED HOLE REPAIR

Most stripped threaded holes can be repaired using a Helicoil<sup>®</sup>. Follow the manufactures recommendations for application and repair procedures.

# METRIC SYSTEM

WARNING: USE OF AN INCORRECT FASTENER MAY RESULT IN COMPONENT DAMAGE OR PER-SONAL INJURY.

Figure art, specifications and torque references in this Service Manual are identified in metric and SAE format.

During any maintenance or repair procedures, it is important to salvage metric fasteners (nuts, bolts, etc.) for reassembly. If the fastener is not salvageable, a fastener of equivalent specification should be used.

The metric system is based on quantities of one, ten, one hundred, one thousand and one million (Fig. 4).

Mega	-	(M) Million	Deci -	(D) Tenth
Kilo	-	(K) Thousand	Centi -	(C) Hundreth
		Milli -	(m) Thousandth	

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### Fig. 4 Metric Prefixes

The following chart will assist in converting metric units to equivalent English and SAE units, or vise versa.

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.)

Multiply	By	To Get	Multiply	By	To Get
in-Ibs	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	<ul> <li>Kilopascals (kPa)</li> </ul>	kPa	x 0.145	= psi
Inches	× 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 (M)	M	x 1.0936	= Yards
Miles	x 1.6093	= Kilometers (Km)	Km	x 0.6214	= Miles
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.
Kilometers/Hr.	x 0.27778	= Meters/Sec. (M/S)	M/S	x 3.600	= Kilometers/Hr.
mph	× 0.4470	= Meters/Sec. (M/S)	M/S	x 2.237	= mph
· · · · · · · · · · · · · · · · · · ·		COMMON METRI	C EQUIVALENTS		
l Inch = 25 Milli	meters		1 Cubic Inch	= 16 Cut	oic Centimeters
1  Foot = 0.3  Me			1 Cubic Foot	= 0.03 C	ubic Meter
1  Yard = 0.9  Me			1 Cubic Yard	- 080	bic Meter

# **CONVERSION FORMULAS AND EQUIVALENT VALUES**

# METRIC CONVERSION

in-lbs to N•m

in- Ib	N∙m	in-Ib	N∙m	in-Ib	N∙m	in-Ib	N∙m	in-lb	N∙m	N∙m	in-lb	N∙m	in-lb	N∙m	in-Ib	N•m	in-lb	N∙m	in-lb
2 4 6 8 10 12 14 16 18	.2260 .4519 .6779 .9039 1.1298 1.3558 1.5818 1.8077 2.0337	42 44 46 48 50 52 54 56 58	4.7453 4.9713 5.1972 5.4232 5.6492 5.8751 6.1011 6.3270 6.5530	82 84 86 88 90 92 94 96 98	9.2646 9.4906 9.7165 9.9425 10.1685 10.3944 10.6204 10.8464 11.0723	122 124 126 128 130 132 134 136 138	13.7839 14.0099 14.2359 14.4618 14.6878 14.9138 15.1397 15.3657 15.5917	162 164 166 168 170 172 174 176 178	18.3032 18.5292 18.7552 18.9811 19.2071 19.4331 19.6590 19.8850 20.1110	N <sup>●</sup> m .2 .4 .6 .8 1 1.2 1.4 1.6 1.8 2	in-lb 1.7702 3.5404 5.3107 7.0809 8.8511 10.6213 12.3916 14.1618 15.9320 17.7022	N•m 4.2 4.4 4.6 4.8 5 5.2 5.4 5.6 5.8 6	in-lb 37.1747 38.9449 40.7152 42.4854 44.2556 46.0258 47.7961 49.5663 51.3365 53.1067	8.2 8.4 8.6 8.8 9 9.2 9.4 9.6 9.8	in-lb 72.5792 74.3494 76.1197 77.8899 79.6601 81.4303 83.2006 84.9708 86.7410 88.5112	12.2 12.4 12.6 12.8 13 13.2 13.4 13.6 13.8	in-lb 107.9837 109.7539 111.5242 113.2944 115.0646 116.8348 118.6051 120.3753 122.1455 123.9157	16.2 16.4 16.6 16.8 17 17.2 17.4 17.6 17.8	in-lb 143.3882 145.1584 146.9287 148.6989 150.4691 152.2393 154.0096 155.7798 157.5500 159.3202
20 22 24 26 28 30 32 34 36 38 40	2.2597 2.4856 2.7116 2.9376 3.1635 3.3895 3.6155 3.8414 4.0674 4.2934 4.5193	62 64 68 70 72 74 76 78	6.7790 7.0049 7.2309 7.4569 7.6828 7.9088 8.1348 8.3607 8.5867 8.8127 9.0386	100 102 104 106 108 110 112 114 116 118 120	11.2983 11.5243 11.7502 11.9762 12.2022 12.4281 12.6541 12.8801 13.1060 13.3320 13.5580	142 144 146 148 150 152 154 156 158	15.8176 16.0436 16.2696 16.4955 16.7215 16.9475 17.1734 17.3994 17.6253 17.8513 18.0773	182 184 186 188 190 192 194 196 198	20.3369 20.5629 20.7889 21.0148 21.2408 21.4668 21.6927 21.9187 22.1447 22.3706 22.5966	2.2 2.4 2.6 2.8 3 3.2 3.4 3.6 3.8 4	19.4725 21.2427 23.0129 24.7831 26.5534 28.3236 30.0938 31.8640 33.6342 35.4045	6.2 6.4 6.6 6.8 7 7.2 7.4 7.6 7.8 8	54.8770 56.6472 58.4174 60.1876 61.9579 63.7281 65.4983 67.2685 69.0388 70.8090	10.2 10.4 10.6 10.8 11 11.2 11.4 11.6 11.8	90.2815 92.0517 93.8219 95.5921 97.3624 99.1326 100.9028 102.6730 104.4433 106.2135	14.2 14.4 14.6 14.8 15 15.2 15.4 15.6 15.8	125.6860 127.4562 129.2264 130.9966 132.7669 134.5371 136.3073 138.0775 139.8478 141.6180	18.5 19 19.5 20 20.5 21 22 23 24	163.7458 168.1714 172.5970 177.0225 181.4480 185.8736 194.7247 203.5759 212.4270 221.2781

### ft-lbs to N•m

### ft-lb N•m ft-lb N∙m ft-lb ft-lb ft-lb N∙m ft-lb N∙m ft-lb N•m N∙m ft-lb N•m N•m N•m N∙m ft-lb 44,9913 1.3558 21 28.4722 41 55.5885 61 82.7049 81 109.8212 .7376 21 15.9888 41 30.2400 61 81 59.7425 2.7116 29.8280 56.9444 22 16.2264 30.9776 62 45.7289 82 60.4801 22 42 62 84.0607 82 111.1770 2 1.4751 42 4.0675 31.1838 43 58.3002 83 112.5328 3 2.2127 23 16.9639 43 31.7152 63 46.4664 83 61.2177 23 63 85.4165 47.2040 5.4233 24 32.5396 59.6560 86.7723 84 113.8888 4 2.9502 24 17.7015 44 32.4527 64 84 61.9552 44 64 47.9415 6.7791 25 33.8954 45 61.0118 65 88.1281 85 115.2446 5 3.6878 25 18.4391 45 33.1903 65 85 62.6928 8.1349 48.6791 66 26 35.2513 46 62.3676 66 89.4840 86 116.6004 6 4.4254 26 19.1766 46 33.9279 86 63,4303 9,4907 34.6654 67 49.4167 27 36.6071 47 63.7234 67 90.8398 87 117.9562 7 5.1629 27 19.9142 47 87 64.1679 10.8465 68 50.1542 64.954 28 37.9629 28 35.4030 88 48 65.0793 68 92.1956 88 119.3120 8 5.9005 20.6517 48 12.2024 69 50.8918 29 30 36,1405 89 65.6430 29 39.3187 49 66.4351 69 93.5514 89 120.6678 9 6.6381 21.3893 49 13.5582 70 51.6293 30 40.6745 50 67.7909 90 50 90 66.3806 67.1181 70 94.9073 122.0236 10 7.3756 22.1269 36.8781 14.9140 71 52.3669 42.0304 8.1132 91 31 51 69.1467 71 96.2631 91 123.3794 11 31 22.8644 51 37.6157 72 53.1045 67.8557 16.2698 38.3532 92 32 43.3862 52 70.5025 72 97.6189 92 124.7352 12 8.8507 32 23.6020 52 17.6256 44.7420 53 93 126.0910 33 53 39.0908 73 53.8420 93 68.5933 33 71.8583 73 98.9747 9.5883 24.3395 13 18.9815 46.0978 54 10.3259 34 74 54.5720 34 73.2142 74 100.3316 94 127.4468 25.0771 54 39.8284 94 69.3308 14 20.3373 35 47.4536 55 74.5700 75 101.6862 95 128.8026 11.0634 35 25.8147 55 40.5659 75 55.3172 95 70.0684 15 21.6931 36 48.8094 56 75.9258 76 103.0422 96 130.1586 11.8010 36 26.5522 56 41.3035 76 56.0547 96 70.8060 16 23.0489 37 50.1653 57 77.2816 97 37 27.2898 57 42.0410 77 56.7923 97 71.5435 77 104.3980 131.5144 17 12.5386 57.5298 24.4047 38 51.5211 58 78.6374 78 105.7538 98 132.8702 13.2761 38 28.0274 58 42.7786 78 98 72.2811 18

19

20

14.0137

14.7512

39

40

28.7649

29.5025

in. to mm

79.9933

81.3491

79

80

107.1196

108.4654

99

100

134.2260

135.5820

mm to in.

43.5162

44.2537

59

60

79

80

58.2674

59.0050

99

100

73.0187

73.7562

in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.
.01	.254	.21	5.334	.41	10.414	.61	15.494	.81	20.574	.01	.00039	.21	.00827	.41	.01614	.61	.02402	.81	.03189
.02	.508	.22	5.588	.42	10.668	.62	15.748	.82	20.828	.02	.00079	.22	.00866	.42	.01654	.62	.02441	.82	.03228
.03	.762	.23	5.842	.43	10.922	.63	16.002	.83	21.082	.03	.00118	.23	.00906	.43	.01693	.63	.02480	.83	.03268
.04	1.016	.24	6.096	.44	11.176	.64	16.256	.84	21.336	.04	.00157	.24	.00945	.44	.01732	.64	.02520	.84	.03307
.05	1.270	.25	6.350	.45	11.430	.65	16.510	.85	21.590	.05	.00197	.25	.00984	.45	.01772	.65	.02559	.85	.03346
.06	1.524	.26	6.604	.46	11.684	.66	16.764	.86	21.844	.06	.00236	.26	.01024	.46	.01811	.66	.02598	.86	.03386
.07	1.778	.27	6.858	.47	11.938	.67	17.018	.87	22.098	.07	.00276	.27	.01063	.47	.01850	.67	.02638	.87	.03425
.08	2.032	.28	7.112	.48	12.192	.68	17.272	.88	22.352	.08	.00315	.28	.01102	.48	.01890	.68	.02677	.88	.03465
.09	2.286	.29	7.366	.49	12.446	.69	17.526	.89	22.606	.09	.00354	.29	.01142	.49	.01929	.69	.02717	.89	.03504
.10	2.540	.30	7.620	.50	12.700	.70	17.780	.90	22.860	.10	.00394	.30	.01181	.50	.01969	.70	.02756	.90	.03543
.11	2.794	.31	7.874	.51	12.954	.71	18.034	.91	23.114	.11	.00433	.31	.01220	.51	.02008	.71	.02795	.91	.03583
.12	3.048	.32	8,128	.52	13.208	.72	18.288	.92	23.368	.12	.00472	.32	.01260	.52	.02047	.72	.02835	.92	.03622
.13	3.302	.33	8.382	.53	13.462	.73	18.542	.93	23.622	.13	.00512	.33	.01299	.53	.02087	.73	.02874	.93	.03661
.14	3.556	.34	8.636	.54	13.716	.74	18.796	.94	23.876	.14	.00551	.34	.01339	.54	.02126	.74	.02913	.94	.03701
.15	3.810	.35	8.890	.55	13.970	.75	19.050	.95	24.130	.15	.00591	.35	.01378	.55	.02165	.75	.02953	.95	.03740
.16	4.064	.36	9.144	.56	14.224	.76	19.304	.96	24.384	.16	.00630	.36	.01417	.56	.02205	.76	.02992	.96	.03780
.17	3.318	.37	9.398	.57	14.478	.77	19.558	.97	24.638	.17	.00669	.37	.01457	.57	.02244	.77	.03032	.97	.03819
.18	4.572	.38	9.652	.58	14.732	.78	19.812	.98	24.892	.18	.00709	.38	.01496	.58	.02283	.78	.03071	.98	.03858
.19	4.826	.39	9.906	.59	14.986	.79	20.066	.99	25.146	.19	.00748	.39	.01535	.59	.02323	.79	.03110	.99	.03898
.20	5.080	.40	10.160	.60	15.240	.80	20.320	1.00	25.400	.20	.00787	.40	.01575	.60	.02362	.80	.03150	1.00	.03937

ft-lb

1

2

3

4 5

6 7

8

õ

10

11

12

13

14

15

16

17

18

19 20 25.7605

27.1164

39

**4**0

52.8769

54.2327

59

60

— INTRODUCTION 7

### N•m to ft-lbs

N•m to in-lbs

# TORQUE REFERENCES

Individual Torque Charts appear at the end of many Groups. Refer to the Standard Torque Specifi-

cations Chart for torque references not listed in the individual torque charts.

# **TORQUE SPECIFICATIONS**

### SPECIFIED TORQUE FOR STANDARD BOLTS

		Pitch mm	Specified torque								
Class	Diameter mm			Hexagon head b		Hexagon flange bolt					
			N•m	kgf-cm	ft-lbf	N∙m	kgf-cm	ft-lbf			
	6	1	5	55	48 inIbf	6	60	52 inlbf			
	8	1.25	12.5	130	9	14	145	10			
<b>4</b> 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 inlbf			
	8	1.25	15.5	160	12	17.5	175	13			
5T	10	1.25	32	330	24	36	360	26			
	12	1.25	59	600	43	65	670	48			
	14	1.5	91	930	67	100	1,050	76			
	16	1.5	140	1,400	101	<u> </u>					
	6	1	8	80	69 inIbf	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	1 <i>7</i> 0	1,750	127	—	_				
	6	1	10.5	110	8	12	120	9			
	8	1.25	25	260	19	28	290	21			
<b>7</b> T	10	1.25	52	530	38	58	590	43			
	12	1.25	95	970	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			
•	12	1.25	110	1,100	80	120	1,250	90			
i	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			
	12	1.25	140	1,450	105	155	1,600	116			
	8	1.25	42	430	31	47	480	35			
117	10	1.25	42 87	430 890	64	97	990	72			
1 <b>1</b> T	10	1.25	155	1,600	116	175	1,800	130			