



INTRODUCTION

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VEHICLE IDENTIFICATION NUMBER

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.

The Vehicle Identification Number (VIN) is located on the upper left corner of the instrument panel, near the left windshield pillar. The VIN consists of 17 characters in a combination of letters and numbers that provide specific information about the vehicle (Fig. 1). Refer to VIN Code Breakdown Chart.

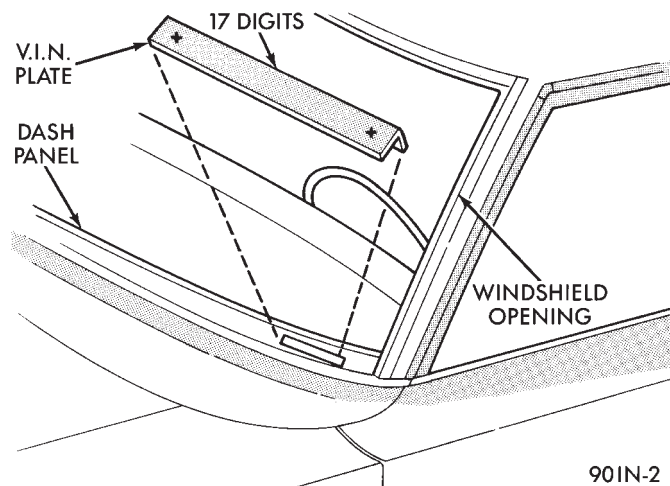


Fig. 1 Vehicle Identification Number (VIN Plate)

VEHICLE SAFETY CERTIFICATION LABEL

A vehicle safety certification label is attached to the rear facing of the driver's door. 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.

VIN CODE BREAKDOWN

POSITION—INTERPRETATION...CODE = DESCRIPTION

1	—Country of origin	2 =Canada
2	—Make	B =Dodge C =Chrysler E =Eagle
3	—Vehicle Type	3 =Pass Car
4	—Pass. Safety	B =Manual Belts E =Active Restraint, Passenger Air Bag X =Driver Air Bag, Passenger Manual Belts
5	—Car Line	L =Chrysler, Concorde D =Dodge, Intrepid D =Eagle, Vision
6	—Series	4 =High Line 5 =Premium 6 =Sport
7	—Body Style	6 =4dr. Sedan
8	—Engine	T =3.3L 6 Cyl. Gasoline F =3.5L 6 Cyl. Gasoline 24V
9	—Check Digit	See preceding paragraph
10	—Model Year	P =1993
11	—Assembly Plant	H =Bramalea

12THRU17—Vehicle Build Sequence

93IN-7

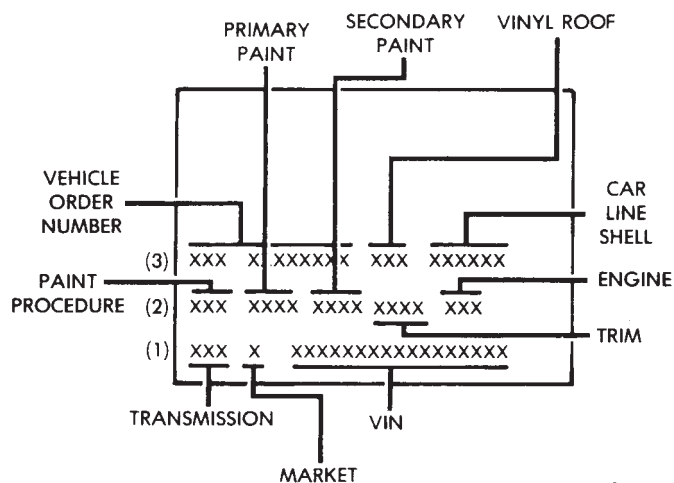
All communications or inquiries regarding the vehicle should include the Month-Day-Hour and Vehicle Identification Number.

BODY CODE PLATE LOCATION AND DECODING INFORMATION

The Body Code Plate is located in the engine compartment. 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.



BODY CODE PLATE



BODY CODE PLATE LINE 3

DIGITS 1 THROUGH 12—

Vehicle Order Number

DIGITS 13, 14, AND 15—

Vinyl Roof Code

DIGITS 16, 17, AND 18—

Vehicle Shell Car Line

- LHXP = Eagle, Vision ESI
- LHXS = Eagle, Vision TSI
- LHDH = Dodge, Intrepid
- LHDP = Dodge, Intrepid ES
- LHLP = Chrysler, Concorde

DIGIT 19—

Price Class

- E = Economy
- H = High Line
- L = Low Line
- M = Mid Line
- P = Premium
- S = Special/Sport
- X = Performance Image

DIGITS 20 AND 21—

Body Type

- 41 = Four Door Sedan

BODY CODE PLATE LINE 2

DIGITS 1,2, AND 3—

Paint Procedure

DIGIT 4—

Open Space

DIGITS 5 THROUGH 8—

Primary Paint

See Group 23, Body for color codes

DIGIT 9—

Open Space

DIGITS 10 THROUGH 13—

Secondary Paint

DIGIT 14—

Open Space

DIGITS 15 THROUGH 18—

Interior Trim Code

DIGIT 19—

Open Space

DIGITS 20, 21, AND 22—

Engine Code

- EGB = 3.3L Six Cylinder Gasoline
- EGE = 3.5L Six Cylinder Gasoline 24 Valve

BODY CODE PLATE LINE 1

DIGITS 1, 2, AND 3—

Transaxle Codes

- DGX = 42LE 4-speed Electronic Automatic Transaxle

DIGIT 4—

Open Space

DIGIT 5—

Market Code

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

DIGIT 6—

Open Space

DIGITS 7 THROUGH 23—

Vehicle Identification Number (VIN)

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 show CTD (for continued).

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



STANDARD BODY DIMENSIONS

EXTERIOR DIMENSIONS									
VEHICLE FAMILY	BODY STYLE	WHEELBASE		TRACK		OVERALL			
		mm/in.		FRONT mm/in.	REAR mm/in.	LENGTH mm/in.	WIDTH mm/in.	HEIGHT mm/in.	
LH	DP-41	2870/113		1574/62	1574/62	5085/200.2	1890/74.4	1417/55.2	
LH	DH-41	2870/113		1574/62	1574/62	5085/200.2	1890/74.4	1417/55.2	
LH	LP-41	2870/113		1574/62	1574/62	5085/200.2	1890/74.4	1417/55.2	
LH	XP-41	2870/113		1574/62	1574/62	5085/200.2	1890/74.4	1417/55.2	
LH	XS-41	2870/113		1574/62	1574/62	5085/200.2	1890/74.4	1417/55.2	
INTERIOR DIMENSIONS									
VEHICLE FAMILY	BODY STYLE	HEAD ROOM		LEG ROOM		SHOULDER ROOM		HIP ROOM	
		FRONT	REAR	FRONT	REAR	FRONT	REAR	FRONT	REAR
LH	DP-41	975 mm	945 mm	1077 mm	954 mm	1499 mm	1499 mm	1432 mm	1475 mm
		38.4 in.	37.2 in.	42.4 in.	37.6 in.	59.0 in.	59.0 in.	56.3 in.	58.0 in.
LH	DH-41	975 mm	945 mm	1077 mm	954 mm	1499 mm	1499 mm	1432 mm	1475 mm
		38.4 in.	37.2 in.	42.4 in.	37.6 in.	59.0 in.	59.0 in.	56.3 in.	58.0 in.
LH	LP-41	975 mm	945 mm	1077 mm	954 mm	1499 mm	1499 mm	1432 mm	1475 mm
		38.4 in.	37.2 in.	42.4 in.	37.6 in.	59.0 in.	59.0 in.	56.3 in.	58.0 in.
LH	XP-41	975 mm	945 mm	1077 mm	954 mm	1499 mm	1499 mm	1432 mm	1475 mm
		38.4 in.	37.2 in.	42.4 in.	37.6 in.	59.0 in.	59.0 in.	56.3 in.	58.0 in.
LH	XS-41	975 mm	945 mm	1077 mm	954 mm	1499 mm	1499 mm	1432 mm	1475 mm
		38.4 in.	37.2 in.	42.4 in.	37.6 in.	59.0 in.	59.0 in.	56.3 in.	58.0 in.

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BOLT TORQUE

BOLT SIZE	GRADE 5		GRADE 8	
	N-m	ft-lbs (in-lbs)	N-m	ft-lbs (in-lbs)
1/4-20	11	(95)	14	(125)
1/4-28	11	(95)	17	(150)
5/16-18	23	(200)	31	(270)
5/16-24	27	20	34	25
3/8-16	41	30	54	40
3/8-24	48	35	61	45
7/16-14	68	50	88	65
7/16-20	75	55	95	70
1/2-13	102	75	136	100
1/2-20	115	85	149	110
9/16-12	142	105	183	135
9/16-18	156	115	203	150
5/8-11	203	150	264	195
5/8-18	217	160	285	210
3/4-16	237	175	305	225

J89IN-9

TORQUE REFERENCES

Individual Torque Charts appear at the end of many Groups. Refer to the Standard Torque Specifications and Bolt Identification Chart in this Group for torques not listed in the individual torque charts (Fig. 2).

Torque specifications on the Bolt Torque chart are based on the use of clean and dry threads. Reduce the torque by 10% when the threads are lubricated with engine oil and by 20% if new plated bolts are used.

Various sizes of Torx head fasteners are used to secure numerous components to assemblies. Due to ever changing usage of fasteners, Torx head fasteners may not be identified in art or text.

Fig. 2 Grade 5 and 8 Standard Torque Specifications



METRIC THREAD AND GRADE IDENTIFICATION

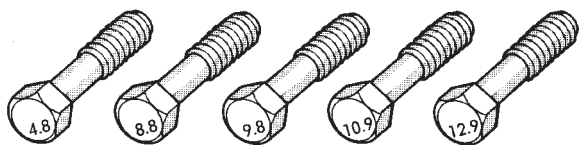
Metric and SAE thread notations differ slightly. The difference is illustrated in Figure 3.

INCH		METRIC	
5/16-18		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 (Metric and SAE)

Common metric fastener strength classes are 9.8 and 12.9 with the class identification embossed on the head of each bolt (Fig. 4). Some metric nuts will be marked with a single digit strength number on the nut face.



METRIC BOLTS—IDENTIFICATION CLASS NUMBERS CORRESPOND TO BOLT STRENGTH— INCREASING NUMBERS REPRESENT INCREASING STRENGTH.

J891N-10

Fig. 4 Metric Bolt Identification

SAE strength classes range from grade 2 to 8 with line identification embossed on each bolt head. Markings corresponding to two lines less than the actual grade (Fig. 5). For Example: Grade 7 bolt will have 5 embossed lines on the bolt head.

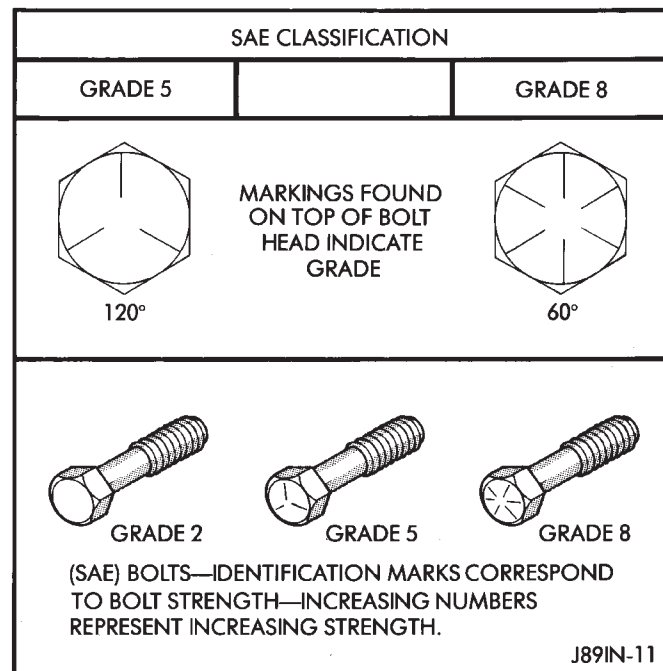
METRIC SYSTEM

Figure art, specifications, and tightening references in this Service Manual are identified in the metric system and in the SAE system.

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.

WARNING: USE OF AN INCORRECT FASTENER MAY RESULT IN COMPONENT DAMAGE OR PERSONAL INJURY.

The metric system is based on quantities of one, ten, one hundred, one thousand, and one million (Fig. 6).



J891N-11

Fig. 5 SAE Bolt Identification

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

J901N-2

Fig. 6 Metric Prefixes

INTERNATIONAL SYMBOLS

Some International Symbols are used to identify controls and displays in this vehicle. These symbols are applicable to those controls which are displayed on the instrument panel or in the immediate vicinity of the driver.



CONVERSION TABLES

in-lbs to N•m

N•m to in-lbs

in-lb	N•m	in-lb	N•m	in-lb	N•m	in-lb	N•m	in-lb	N•m	in-lb	N•m	in-lb	N•m	in-lb	N•m	in-lb	N•m
2	.2260	42	4.7453	82	9.2646	122	13.7839	162	18.3032	.2	1.7702	4.2	37.1747	8.2	72.5792	12.2	107.9837
4	.4519	44	4.9713	84	9.4906	124	14.0099	164	18.5292	.4	3.5404	4.4	38.9449	8.4	74.3494	12.4	109.7539
6	.6779	46	5.1972	86	9.7165	126	14.2359	166	18.7552	.6	5.3107	4.6	40.7152	8.6	76.1197	12.6	111.5242
8	.9039	48	5.4232	88	9.9425	128	14.4618	168	18.9811	.8	7.0809	4.8	42.4854	8.8	77.8899	12.8	113.2944
10	1.1298	50	5.6492	90	10.1685	130	14.6878	170	19.2071	1	8.8511	5	44.2556	9	79.6601	13	115.0646
12	1.3558	52	5.8751	92	10.3944	132	14.9138	172	19.4331	1.2	10.6213	5.2	46.0258	9.2	81.4303	13.2	116.8348
14	1.5818	54	6.1011	94	10.6204	134	15.1397	174	19.6590	1.4	12.3916	5.4	47.7961	9.4	83.2006	13.4	118.6051
16	1.8077	56	6.3270	96	10.8464	136	15.3657	176	19.8850	1.6	14.1618	5.6	49.5663	9.6	84.9708	13.6	120.3753
18	2.0337	58	6.5530	98	11.0723	138	15.5917	178	20.1110	1.8	15.9320	5.8	51.3365	9.8	86.7410	13.8	122.1455
20	2.2597	60	6.7790	100	11.2983	140	15.8176	180	20.3369	2	17.7022	6	53.1067	10	88.5112	14	123.9157
22	2.4856	62	7.0049	102	11.5243	142	16.0436	182	20.5629	2.2	19.4725	6.2	54.8770	10.2	90.2815	14.2	125.6860
24	2.7116	64	7.2309	104	11.7502	144	16.2696	184	20.7889	2.4	21.2427	6.4	56.6472	10.4	92.0517	14.4	127.4562
26	2.9376	66	7.4569	106	11.9762	146	16.4955	186	21.0148	2.6	23.0129	6.6	58.4174	10.6	93.8219	14.6	129.2264
28	3.1635	68	7.6828	108	12.2022	148	16.7215	188	21.2408	2.8	24.7831	6.8	60.1876	10.8	95.5921	14.8	130.9966
30	3.3895	70	7.9088	110	12.4281	150	16.9475	190	21.4668	3	26.5534	7	61.9579	11	97.3624	15	132.7669
32	3.6155	72	8.1348	112	12.6541	152	17.1734	192	21.6927	3.2	28.3236	7.2	63.7281	11.2	99.1326	15.2	134.5371
34	3.8414	74	8.3607	114	12.8801	154	17.3994	194	21.9187	3.4	30.0938	7.4	65.4983	11.4	100.9028	15.4	136.3073
36	4.0674	76	8.5867	116	13.1060	156	17.6253	196	22.1447	3.6	31.8640	7.6	67.2685	11.6	102.6730	15.6	138.0775
38	4.2934	78	8.8127	118	13.3320	158	17.8513	198	22.3706	3.8	33.6342	7.8	69.0388	11.8	104.4433	15.8	139.8478
40	4.5193	80	9.0386	120	13.5580	160	18.0773	200	22.5966	4	35.4045	8	70.8090	12	106.2135	16	141.6180

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	ft-lb	N•m	ft-lb	N•m	ft-lb	N•m	ft-lb	N•m
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
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
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
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
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
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
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
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
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
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
11	14.9140	31	42.0304	51	69.1467	71	96.2631	91	123.3794	11	8.1132	31	22.8644	51	37.6157	71	52.3669
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
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
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
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
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
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
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
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
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

in. to mm

mm to in.

in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
.01	.254	.21	5.334	.41	10.414	.61	15.494	.81	20.574	.01	.00039	.21	.00827	.41	.01614	.61	.02402
.02	.508	.22	5.588	.42	10.668	.62	15.748	.82	20.828	.02	.00079	.22	.00866	.42	.01654	.62	.02441
.03	.762	.23	5.842	.43	10.922	.63	16.002	.83	21.082	.03	.00118	.23	.00906	.43	.01693	.63	.02480
.04	1.016	.24	6.096	.44	11.176	.64	16.256	.84	21.336	.04	.00157	.24	.00945	.44	.01732	.64	.02520
.05	1.270	.25	6.350	.45	11.430	.65	16.510	.85	21.590	.05	.00197	.25	.00984	.45	.01772	.65	.02559
.06	1.524	.26	6.604	.46	11.684	.66	16.764	.86	21.844	.06	.00236	.26	.01024	.46	.01811	.66	.02598
.07	1.778	.27	6.858	.47	11.938	.67	17.018	.87	22.098	.07	.00276	.27	.01063	.47	.01850	.67	.02638
.08	2.032	.28	7.112	.48	12.192	.68	17.272	.88	22.352	.08	.00315	.28	.01102	.48	.01890	.68	.02677
.09	2.286	.29	7.366	.49	12.446	.69	17.526	.89	22.606	.09	.00354	.29	.01142	.49	.01929	.69	.02717
.10	2.540	.30	7.620	.50	12.700	.70	17.780	.90	22.860	.10	.00394	.30	.01181	.50	.01969	.70	.02756
.11	2.794	.31	7.874	.51	12.954	.71	18.034	.91	23.114	.11	.00433	.31	.01220	.51	.02008	.71	.02795
.12	3.048	.32	8.128	.52	13.208	.72	18.288	.92	23.368	.12	.00472	.32	.01260	.52	.02047	.72	.02835
.13	3.302	.33	8.382	.53	13.462	.73	18.542	.93	23.622	.13	.00512	.33	.01299	.53	.02087	.73	.02874
.14	3.556	.34	8.636	.54	13.716	.74	18.796	.94	23.876	.14	.00551	.34	.01339	.54	.02126	.74	.02913
.15	3.810	.35	8.890	.55	13.970	.75	19.050	.95	24.130	.15	.00591	.35	.01378	.55	.02165	.75	.02953
.16	4.064	.36	9.144	.56	14.224	.76	19.304	.96	24.384	.16	.00630	.36	.01417	.56	.02205	.76	.02992
.17	4.318	.37	9.398	.57	14.478	.77	19.558	.97	24.638	.17	.00669	.37	.01457	.57	.02244	.77	.03032
.18	4.572	.38	9.652	.58	14.732	.78	19.812	.98	24.892	.18	.00709	.38	.01496	.58	.02283	.78	.03071
.19	4.826	.39	9.906	.59	14.986	.79	20.066	.99	25.146	.19	.00748	.39	.01535	.59	.02322	.79	.03110
.20	5.080	.40	10.160	.60	15.240	.80	20.320	1.00	25.400	.20	.00787	.40	.01575	.60	.02362	.80	.03150



CONVERSION TABLES

Multiply in.-lbs. ft.-lbs.	By x 0.11298 x 1.3558	To Get = Newton-Metres (N•m) = Newton-Metres (N•m)	Multiply (N•m) (N•m)	By x 8.851 x 0.7376	To Get = in.-lbs. = ft.-lbs.
Inches Hg. (60°F) Pounds/Sq. In.	x 3.377 x 6.895	= Kilopascals (kPa) = Kilopascals (kPa)	(kPa) (kPa)	x 0.2961 x 0.145	= Inches Hg. = Pounds/Sq. In.
Inches Feet Yards Miles	x 25.4 x 0.3048 x 0.9144 x 1.6093	= Millimetres (mm) = Metres (M) = Metres (M) = Kilometres (Km)	(mm) (M) (M) (Km)	x 0.03937 x 3.281 x 1.0936 x 0.6214	= Inches = Feet = Yards = Miles
Miles/Hr. Feet/Sec. Kilometres/Hr. Miles/Hr.	x 1.6093 x 0.3048 x 0.27778 x 0.4470	= Kilometres/Hr. (Km/h) = Metres/Sec. (M/S) = Metres/Sec. (M/S) = Metres/Sec. (M/S)	(Km/h) (M/S) (M/S) (M/S)	x 0.6214 x 3.281 x 3.600 x 2.237	= Miles/Hr. = Feet/Sec. = Kilometres/Hr. = Miles/Hr.

COMMON METRIC EQUIVALENTS

1 Inch = 25 Millimeters
1 Foot = 0.3 Meter
1 Yard = 0.9 Meter
1 Mile = 1.6 Kilometers

1 Cubic Inch = 16 Cubic Centimeters
1 Cubic Foot = 0.03 Cubic Meter
1 Cubic Yard = 0.8 Cubic Meter

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INTERNATIONAL CONTROL AND DISPLAY SYMBOLS

HIGH BEAM	FOG LIGHTS	HEADLIGHTS, PARKING LIGHTS, PANEL LIGHTS	TURN SIGNAL	HAZARD WARNING	WINDSHIELD WASHER
WINDSHIELD WIPER	WINDSHIELD WIPER AND WASHER	WINDSCREEN DEMISTING AND DEFROSTING	VENTILATING FAN	REAR WINDOW DEFOGGER	REAR WINDOW WIPER
REAR WINDOW WASHER	FUEL	ENGINE COOLANT TEMPERATURE	BATTERY CHARGING CONDITION	ENGINE OIL	SEAT BELT
BRAKE FAILURE	PARKING BRAKE	FRONT HOOD	REAR HOOD (TRUNK)	HORN	LIGHTER

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