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# INTRODUCTION

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#### **DESCRIPTION AND OPERATION**

## VEHICLE IDENTIFICATION NUMBER

The Vehicle Identification Number (VIN) plate is located on the lower windshield fence near the left A-pillar. The VIN contains 17 characters that provide data concerning the vehicle. Refer to the VIN decoding chart to determine the identification of a vehicle.

The Vehicle Identification Number is also imprinted on the:

FASTENER USAGE 6	
THREADED HOLE REPAIR 6	
METRIC SYSTEM 6	
TORQUE REFERENCES	

• Vehicle Safety Certification Label.

• Frame rail.

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.

#### POSITION **INTERPRETATION** CODE = DESCRIPTION1 Country of Origin 1 = United States 2 Make J = Jeep3 Vehicle Type 4 = MPV4 Gross Vehicle Weight Rating E = 3001-4000 lbs. F = 4001-5000 lbs. 5 Vehicle Line Y = Wrangler 4X4 1 = Sport 6 Series 2 = SE4 = Sahara 7 Body Style 9 = Open Body P = 2.5L Unleaded-Gasoline 8 Engine S = 4.0L Unleaded-Gasoline 9 Check Digit Y=2000 10 Model Year P = Toledo #211 Assembly Plant 12 thru 17 Vehicle Build Sequence

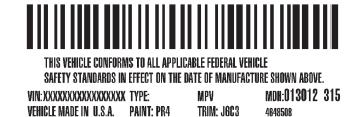
#### **VEHICLE IDENTIFICATION NUMBER DECODING CHART**

TJ -

## **DESCRIPTION AND OPERATION (Continued)**

#### MFD BY: CHRYSLER CORPORATION

	+			
DATE OF MFR:	1-96		GAWR:	1 <b>978 K</b> G 4360 LB
GAWR FRONT:	0998 KG	2200 LB	WITH	P205/75R15 TIRES
		15 X G.O	<b>RIMS AT</b>	244 kpa (33 ps1) cold
GAWR REAR:	1180 KG	2600 LB	WITH	P205/75R15 TIRES
		15 X 6.0	<b>RIMS AT</b>	244 KPA (33 PS1) COLD



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#### Fig. 1 Vehicle Safety Certification Label—Typical

## VEHICLE SAFETY CERTIFICATION LABEL

A vehicle safety certification label (Fig. 1) is attached to every DaimlerChrysler 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.
- Bar code.
- Month, Day and Hour (MDH) of final assembly.
- Paint and Trim codes.
- Country of origin.

The label is located above the door hinge on the driver-side A-pillar.

## **DESCRIPTION AND OPERATION (Continued)**

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	8	9	10	<u>}</u>	12
13	14	<b>==={}</b> {5	<b>- +</b> 16	17	18
( <u>!</u> )) 19	(P) 20	21	22	23	24

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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

## INTERNATIONAL SYMBOLS

#### DESCRIPTION

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.

#### FASTENER IDENTIFICATION

#### DESCRIPTION

#### **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 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. Thank you very much for your reading. Please click here and go back to the website. Then, you can download the complete manual instantly. No waiting.