

## GROUP TAB LOCATOR

IN	Introduction	
<b>INa</b>	<b>Introduction</b>	
0	Lubrication and Maintenance	
2	Suspension	
3	Differential and Driveline	
5	Brakes	
6	Clutch	
7	Cooling System	
8A	Battery	
8B	Starting Systems	
8C	Charging System	
8D	Ignition System	
8E	Instrument Panel Systems	
<b>8Ea</b>	<b>Instrument Panel Systems</b>	
8F	Audio Systems	
8G	Horn Systems	
8H	Speed Control System	
8J	Turn Signal and Hazard Warning Systems	
8K	Wiper and Washer Systems	
8L	Lamps	
<b>8La</b>	<b>Lamps</b>	

8M	Passive Restraint Systems	
8N	Electrically Heated System	
8O	Power Distribution System	
8Q	Vehicle Theft/Security Systems	
8U	Chime/Buzzer Warning Systems	
8W	Wiring Diagrams	
9	Engine	
11	Exhaust System	
13	Frame and Bumpers	
<b>13a</b>	<b>Frame and Bumpers</b>	
14	Fuel System	
<b>14a</b>	<b>Fuel System</b>	
19	Steering	
21	Transmission and Transfer Case	
22	Tires and Wheels	
23	Body	
24	Heating and Air Conditioning	
25	Emission Control Systems	
<b>25a</b>	<b>Emission Control Systems</b>	
	Service Manual Comment Forms	

# INTRODUCTION

## TABLE OF CONTENTS

	page	page
<b>DESCRIPTION AND OPERATION</b>		
VEHICLE IDENTIFICATION NUMBER . . . . .	1	
VEHICLE SAFETY CERTIFICATION LABEL . . . . .	2	
INTERNATIONAL SYMBOLS . . . . .	3	
FASTENER IDENTIFICATION . . . . .	3	
		6
FASTENER USAGE . . . . .		6
THREADED HOLE REPAIR . . . . .		6
METRIC SYSTEM . . . . .		6
TORQUE REFERENCES . . . . .		6

## 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:

- 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.

### 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	E = 3001-4000 lbs. F = 4001-5000 lbs.
5	Vehicle Line	Y = Wrangler 4X4
6	Series	1 = Sport 2 = SE 4 = Sahara
7	Body Style	9 = Open Body
8	Engine	P = 2.5L Unleaded-Gasoline S = 4.0L Unleaded-Gasoline
9	Check Digit	
10	Model Year	Y=2000
11	Assembly Plant	P = Toledo #2
12 thru 17	Vehicle Build Sequence	

DESCRIPTION AND OPERATION (Continued)

**MFD BY: CHRYSLER CORPORATION**  
 DATE OF MFR: 1-96 GAWR: 1978 KG 4380 LB  
 GAWR FRONT: 0998 KG 2200 LB WITH P205/75R15 TIRES  
 15 X 8.0 RIMS AT 244 KPA (33 PS1) COLD  
 GAWR REAR: 1180 KG 2600 LB WITH P205/75R15 TIRES  
 15 X 8.0 RIMS AT 244 KPA (33 PS1) COLD



THIS VEHICLE CONFORMS TO ALL APPLICABLE FEDERAL VEHICLE SAFETY STANDARDS IN EFFECT ON THE DATE OF MANUFACTURE SHOWN ABOVE.

VIN:XXXXXXXXXXXXXXXXX TYPE: MPV MDH:013012 315  
 VEHICLE MADE IN U.S.A. PAINT: PR4 TRIM: J6C3 4648508

80a53b5e

*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)

 1	 2	 3	 4	 5	 6
 7	 8	 9	 10	 11	 12
 13	 14	 15	 16	 17	 18
 19	 20	 21	 22	 23	 24

80be4788

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.**