

# 2004 JEEP WRANGLER (TJ)

## PARTS CATALOG

ILLUSTRATION AND TEXT  
(CHASSIS - BODY - TRIM)

October 2004

**SUPERSEDES**  
July 2004  
ENGLISH



**Jeep**

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CHRYSLER • PLYMOUTH • DODGE • JEEP

**THE MOPAR DIFFERENCE**



## INDEX TO INFORMATION PAGES

The use of this Parts Catalog and the arrangement of information herein is explained in the General Information Section as indexed below.

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## CATALOG GROUPS - TITLES & CONTENT

Group	Content
001	Component Parts for Mopar Accessories
002	Front Suspension & Drive
003	Rear Axle
004	Parking Brake
005	Service Brakes
006	Clutch
007	Cooling
008	Electrical
009	Engine Mounting
011	Exhaust
013	Frames and Bumpers
014	Fuel
016	Propeller Shafts and U-Joints
017	Rear Suspension
019	Steering
022	Wheels, Covers and Jacks
024	Air Conditioning & Heater
025	Emission Systems
08A	Instrument Panel and Radios and Consoles
2.4L	Engine 2.4L Four Cylinder
21P	Speedometer Pinions
231	Transfer Case Model 231
23D	Wiper/Lock Cylinder and Keys
241	Transfer Case Model 241
3550	Manual Transmission 5 Speed
4.0L	Engine 4.0L Six Cylinder
42RLE	Automatic Transmission 4 Speed
DTJ	Doors and Related Parts
ETJ	Exterior Ornamentation
ITJ	Interior Trim
LBLS	Labels All Vehicle Locations
NV2550	Manual Transmission 5 Speed
STJ	Body Sheet Metal Except Doors

## LOGICAL ILLUSTRATION INDEX

Group	Logical Illustration	Logical Illustration Name
001	100	Audio & Electronics
001	200	Carriers & Cargo Hauling
001	300	Driving Convenience
001	400	Exterior Appearance
001	500	Exterior Protection
001	600	Fog Lights & Electrical
001	800	Interior Storage
001	900	Security
002	100	Front Suspension
002	200	Front Axle Drive Shafts
002	300	Front Axle Housing
002	400	Front Axle Assembly
002	600	Front Axle Differential
003	100	Rear Axle
003	200	Differential and Housing
003	400	Rear Axle Shafts
004	100	Parking Brake Lever and Cables
005	100	Front Brakes
005	200	Rear Brakes
005	300	Power Brake Booster
005	400	Brake Master Cylinder
005	500	Brake Lines and Hoses
005	600	Brake Pedals
006	100	Clutch
006	200	Clutch Housing
006	300	Clutch Controls
006	400	Clutch Pedals
007	100	Radiator and Related Parts
007	200	Water Pump and Related Parts
007	300	Tank, Coolant Engine
007	400	Pulleys and Related Parts
007	500	Drive Belts
007	600	Lines, Transmission Oil Cooler

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007	700	Grilles
008	100	Starters
008	1000	Battery Tray and Cables
008	1100	Lamps - Front, Rear and Courtesy
008	1200	Wiring-Engine & Related Parts
008	1300	Wiring-Headlamp to Dash
008	1400	Wiring-Instrument Panel
008	1500	Wiring-Body & Accessories
008	1600	Wiring Repair
008	1700	Air Bag Systems
008	1900	Spark Plugs-Cables-Coils
008	200	Alternators
008	400	Modules
008	500	Relays
008	600	Sensors
008	700	Single Board Engine Controllers
008	800	Switches
008	900	Horns
009	100	Engine Mounting
011	100	Exhaust System
011	200	Heat Shields
013	100	Frames
013	200	Front Bumper and Fascia
013	300	Rear Bumper and Fascia
013	500	Body Hold Down
014	100	Tank, Fuel
014	1000	Speed Control
014	1100	Accelerator Pedal
014	200	Fuel Tank Filler Tube
014	300	Fuel Lines
014	400	Fuel Rail
014	500	Fuel Pump and Sending Unit
014	600	Throttle Body
014	700	Throttle Controls
014	800	Air Cleaner
016	100	Propeller Shaft

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017	100	Rear Suspension
017	200	Rear Stabilizer
019	100	Steering Wheel
019	200	Steering Column
019	300	Steering Gear
019	400	Steering Linkage
019	500	Power Steering Pump
019	700	Power Steering Hoses
022	100	Wheels and Hardware
022	200	Wheel Covers and Center Caps
022	300	Jack Stowage
022	400	Spare Tire Stowage
024	100	Air Conditioner and Heater Units
024	200	Air Conditioner and Heater Plumbing
024	300	Air Conditioner and Heater Controls
024	400	Air Conditioning Compressor
024	600	Air Ducts and Outlets
025	300	Vacuum Canister
025	400	Emission Harness
08A	100	Instrument Panel
08A	200	Instrument Panel Cluster
08A	300	Radio, Antenna, and Speakers
08A	400	Consoles
2.4L	200	Cylinder Head
2.4L	300	Cylinder Block
2.4L	400	Crankshaft, Piston, and Drive Plate
2.4L	500	Camshafts and Valves
2.4L	600	Timing Belt and Cover
2.4L	700	Engine Oiling
2.4L	800	Manifolds
2.4L	900	Crankcase Ventilation
21P	100	Speedometer Pinions
231	100	Transfer Case Assembly
231	1200	Gearshift Controls
231	200	Case and Related Parts
231	400	Gear Train

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231	900	Fork and Rails
23D	100	Lock Cylinders and Keys
23D	200	Windshield Wiper and Washer Systems
23D	300	Rear Wiper and Washer System
241	100	Transfer Case Assembly
241	1200	Gearshift Controls
241	200	Case and Related Parts
241	400	Gear Train
241	900	Fork and Rails
3550	100	Transmission Assembly
3550	1200	Gearshift Controls
3550	200	Case and Extension
3550	400	Gear Train
3550	900	Fork and Rails
4.0L	200	Cylinder Head
4.0L	300	Cylinder Block
4.0L	400	Crankshaft, Piston and Torque Converter
4.0L	500	Camshafts & Valves
4.0L	600	Timing Belt and Cover
4.0L	700	Engine Oiling
4.0L	800	Manifolds
4.0L	900	Crankcase Ventilation
42RLE	100	Transmission Assembly
42RLE	1200	Gearshift Controls
42RLE	200	Case and Extension
42RLE	300	Oil Pump
42RLE	400	Gear Train
42RLE	700	Valve Body
DTJ	100	Front Door
DTJ	500	Exterior Mirror
DTJ	600	Weatherstrips and Seals
ETJ	200	Moldings and Ornamentation
ETJ	300	Decals and Tapestripes
ITJ	100	Headliner and Visor
ITJ	200	Moldings, Scuff Plates
ITJ	300	Carpet



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ITJ	400	Door Trim Panels- Front and Rear
ITJ	500	Front Seats and Attaching Parts
ITJ	600	Rear Seats and Attaching Parts
ITJ	700	Seat Belts-Front and Rear
ITJ	800	Adjusters, Covers, Shields, and Risers
LBLS	100	Interior
LBLS	200	Under Hood
LBLS	300	Doors
LBLS	400	Exterior
NV2550	100	Transmission Assembly
NV2550	1200	Gearshift Controls
NV2550	200	Case and Extension
NV2550	400	Gear Train
NV2550	900	Fork and Rails
STJ	1100	Roof - Hard & Soft Top
STJ	1300	Tailgate
STJ	1600	Luggage Rack
STJ	200	Floor Pans
STJ	300	Plugs
STJ	400	Front Fenders
STJ	500	Hood and Hood Release
STJ	600	Cowl and Dash Panel
STJ	700	Glass and Rear View Mirror
STJ	800	Aperture Panel

## HOW TO USE THIS CATALOG AND LOCATE PARTS

**This Catalog is divided into Part Groups in which illustrations for parts of a similar function and/or location are published. The Group contents listing on the next page shows the type of parts contained in each group. Tabs are provided or available to separate each group.**

Several methods may be used to locate a specific part:

- Option 1: From the Group Contents listing. Select the group which would most logically contain the part to be found. Open the catalog to the beginning of that group. The first page of the group will contain the part. Turn to the selected illustration and locate the part by reviewing the illustration item numbers and associated text information following the illustration.
- Option 2: If the “noun” name of the part you seek is known, an alphabetical index of Nouns and illustration titles is provided to assist in finding the part. Several keys may be found in this index.

RESERVOIR, Power Steering Oil Pump Group 19	Group Reference
ALTERNATOR All Engines 8-210	Illustration Reference
BELT, Front Seat Imdl/710/3	Illustration/Item Reference
Group by Model _____	
Illustration Number _____	
Item _____	

- Option 3: If the part number is known but the applications need to be determined, refer to the numerical index. This index shows the group, illustration number and each part listed in the catalog. Multiple references mean the part is listed more than once.
- Option 4: Other options such as group identifiers exist in these catalogs. For Example, Group 23 Body has been broken in sections, i.e. 23A Sheet Metal now is S(model code). Example: SGS for model GS. Group 23C Doors now is D(model code) ex. DGS. Group 23 Exterior Ornamentation now is E(model code). This same logic applies to the Interior Trim Section (ex. IGS).

The Group 9 Engine sections in prior parts catalogs had been numbered 9A, 9B, 9C, etc. There was no real meaning to this numbering scheme. In this new MACS produced catalog the group numbering scheme is as follows: 2.5LD means 2.5 Liter Diesel Engine; 2.0L means 2.0 Liter Four Cylinder Gas Engine; 3.3L6T means 3.3 Liter Six Cylinder Transverse Mounted Engine; and 3.8L means 3.8 Liter Six Cylinder Engine. Also note that Engine Mounting parts are located in Group 9.

## PAGE NUMBERING

Two-part page numbers are used throughout this catalog. The first part of the page designation indicates one major group or section. The second part indicates the actual page number in the group. For example:

2-1 indicates Group 2, Front Suspension, Page 1

3-4 indicates Group 3, Axle Rear, Page 4

In the maintenance of the Loose Leaf Parts Catalog Revision Service, it may become necessary to add information beyond the capacity of the page. In this event, an "A" page will be used. For example, if it becomes necessary, because of change, to add several part numbers to page 2-1 and space does not permit the addition, you will be given Page 2-1A. Page 2-1A should be filed immediately following Page 2-1.

Figure and Item Numbers are also commonly used to identify locations in the Catalog, ie., 14-910/8 refers to Group 14, illustration 910, Item Number 8. Illustration Numbers are always ascending sequential within the Groups.

## SYMBOLS USED IN THIS CATALOG

The Following symbols are commonly used with Part Number and Quantity information in this Catalog:

AR - Indicates the quantity required may vary or is to be determined by the user.

PAR - Indicates "Paint As Required"

BLANK - Indicates "All Condition

- = "Not Illustrated"

## LOGICAL ILLUSTRATIONS

Refer to Illustration in front of each group. This will give assistance to as how each group is broken down and what Specific Illustration should be referenced.

## ILLUSTRATION NUMBERING INDEX

Illustration numbers in this Catalog are Group standards. This indicates group and consistent content. EXAMPLE: 8-100 is a Logical Illustration for Starters. 8-101 to 8-199 are Specific Illustrations used for Starters for all Catalogs. 8-200 will contain Alternators for all Catalogs and so on. Always refer to group index in front of each group.

## ILLUSTRATION INDEX

This index is a compilation of catalog parts description data with reference to illustrations, figures and key numbers as shown:

Fender ie; Model.....Group: S(Model) .....Illustration 410  
(Fender is located in Sheet Metal Section (S) in Illustration 410)

The first page of each group contains a listing of all illustrations and group breakdown within that group. Also refer to illustrations alphabetically listed in information section.

## ALPHABETIC INDEX

This index is a compilation of catalog parts description data with a reference to the location of the item by Group, Figure, and Key Number as shown in the following example:

Housing, w/Pump.....Group 7 Illustration 210 Item 10  
(Housing, w/Pump.....7-210/10)

The index will be expanded progressively as data is added to computer files. To locate a part by name refer to the Alphabetical Index. This index indicates the group and illustration and item number where the part is located. Alphabetical Index can be found in INF section of this Catalog.

## NUMERICAL INDEX

A listing of Part Numbers contained in the catalog. The numbers are in numerical sequence with reference to the group and Illustration and item number where the part is located.

## PARTS PACKAGES

Service Parts Packages, containing all parts needed for specific service operation, are listed in their respective groups with related parts. The listing will show adaptability and model application.

## STANDARD PARTS

Important attaching standard parts such as bolts, nuts, etc, are generally listed in the text of the respective major parts groups.

## VIN PLATE DECODING INFORMATION

<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>12 thru 17</b>
<b>Country</b>	<b>Make</b>	<b>Vehicle Type</b>	<b>Other</b>	<b>Line</b>	<b>Series</b>	<b>Body Style</b>	<b>Engine</b>	<b>Check Digit</b>	<b>Model Year</b>	<b>Assy. Plant</b>	<b>Sequence No.</b>

The following table interprets the VIN Plate positions shown above.

Position	Interpretation	Codes = Description
1	Country of Origin	1 = U.S.
2	Make	J = Jeep
3	Vehicle type	4 = Multipurpose Passenger Vehicle
4	GVWR & Pass. Safety	D=0-1360 kg (0-3000 lbs) E=1361-1814 kg (3001-4000 lbs) F=1815-2267 kg (4001-5000 lbs)
5	Vehicle Line	A = Wrangler 4x4 Left Hand Drive 4 = Wrangler 4x4 Right Hand Drive
6	Series	2 = Wrangler SE 3 = Wrangler X 4 = Wrangler Sport 5 = Wrangler Sahara 6 = Wrangler Rubicon
7	Body Style	9 = Open Body (77)
8	Engine	1 = 2.4L V4 DOHC (ED1) S = 4.0L V6 (ERH)
9	Check Digit	
10	Model Year	4 = 2004
11	Assembly Plant	P = Toledo #2
12 thru 17	Vehicle Build Sequence	Model Year Assembly Sequence

## BODY CODE PLATE INTERPRETATION

The Body Code Plate is located on the Left Front Side Shield or Wheel Housing or the Upper Radiator Support. The Plate contains 7 rows of data. The bottom 3 rows are reserved for the specific information as depicted below. Starting at the fourth row (following the reserved portion), other Sales Codes used to build a specific vehicle are listed in the ascending order by ALPHA sequence.

1	2	3	4	5	6	7	8	9	10	11	12		13	14	15		16	17	18	19	20	21
22	23	24		25	26	27	28		29	30	31	32		33	34	35	36		37	38	39	
40	41	42		43		44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60

1-12	VEHICLE ORDER NUMBER
13-15	VINYL ROOF CODE/DOOR COMBO CODES
16-18	VEHICLE SHELL CAR LINE
19	PRICE CLASS
20-21	BODY TYPE
22-24	PAINT PROCEDURE
25-28	PRIMARY PAINT
29-32	SECONDARY PAINT
33-36	INTERIOR TRIM CODE
37-39	ENGINE CODES
40-42	TRANSMISSION CODES
43	MARKET CODES
44-46	VEHICLE IDENTIFICATION NUMBER (VIN) For definition of the Elements and the individual position see Vin Plate Defined.

## ABBREVIATIONS

A/C	Air Conditioner
ABS	Anti-Lock Brakes System
AR	As Required
ATC	Automatic Temperature Control
AWD	All Wheel Drive
BUX	Built Up Export
CV	Constant Velocity
DOHC	Dual (or Double) OverHead Cam
EFI	Electronic Fuel Injection
EGR	Exhaust Gas Recirculation
ECU	Electronic Control Unit
FWD	Front Wheel Drive
HEX	HEXagon
HCU	Hydraulic Control Unit
I/D	Inside Diameter
L	Liter
LED	Light Emitting Diode
MAP	Manifold Absolute Pressure
MPH	Miles Per Hour
O/D	Outside Diameter
P/S	Power Steering
PSI	Pounds per Square Inch
PSF	Pounds per Square Foot
PRNODL	Park, Reverse, Neutral, Overdrive, Drive, Low
PRNDL	Park, Reverse, Neutral, Drive, Low
PTO	Power Take Off
RFI	Radio Frequency Interference
RPM	Revolutions Per Minute
RTV	Room Temperature Vulcanizer (sealant)
T/BODY	Throttle BODY
U/BODY	Under BODY
SOHC	Single OverHead Cam
PAR	Paint As Required

