



2005 JEEP WRANGLER

Like its predecessors, the Wrangler Unlimited is designed to keep its wheels firmly planted on the ground—even when one or more may be climbing an obstacle.

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WRANGLER FEATURES



WIND IN YOUR HAIR FREEDOM

Wrangler has spent the last 60 years as the only true convertible 4x4—and it's just one reason why the Wrangler experience can't be matched. Taking the top off makes life a little more adventurous and lets you become one with the elements. That's the true spirit of Wrangler.



HARD OR SOFT TOP? BOTH!

Help protect yourself from the elements with the available full hard doors and composite hard top for the winter months; unzip the soft top in the summer. This option allows you to experience the ultimate in flexibility.



EASY WASH OUT INTERIOR

Drain Plug? Yep. Right in the floor. So if you get a little carried away on the trail, just remove the carpet and wash out the floor and the water resistant seats. Nifty, huh?



ADVENTURES IN COMFORT

Wrangler's interior is comfortable and full of available safety and security features (see Specs for more safety information). Santana cloth seats shown. Remember to secure all cargo properly.



CAGE MATCH

You drive Wrangler in some pretty inhospitable places, so it's nice to know you're protected by its safety cage made of high-strength alloy steel that surrounds and helps protect occupants.

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WRANGLER COLOR OPTIONS



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WRANGLER OFF-ROAD



TWO DOMINANT 4X4 SYSTEMS

Like every other Jeep® vehicle, the Wrangler Unlimited had to earn its Trail Rated badge, and the Command Trac® and Rock-Trac™ part-time four-wheel-drive system help make it part of the family.



TRIED AND TRUE SUSPENSION

The Quadra-Coil™ suspension system commands the terrain with live solid axles, coil springs and gas-charged shock absorbers. It's tough. And time-tested.



A HERO'S TRAIL

It all started with the Willys MB, a 4x4 so vital to the Allies in the WWII that General Eisenhower declared that the war could not have been won without it.

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GROUND CLEARANCE

At curb weight, it has an impressive 8.8 inches of ground clearance, 41.8° approach angle, a 31.3° departure angle and a breakover angle of 22.3. Bring on the terrain.



POWER PACKED ENGINE

The 4.0L Power Tech I-6 (shown) develops nearly 85 percent of its usable torque at idle, making it a supreme choice for 4WD situations. The punchy 2.4L Power Tech I-4 boasts improved horsepower.



WRANGLER TECHNICAL SPECIFICATIONS

JEEP WRANGLER

POWERTRAIN

	2.4L Power Tech I-4	4.0L Power Tech I-6
Engine		
Horsepower (SAE net @ rpm)	147 @ 5,200	190 @ 4,600
Torque (net lb-ft @ rpm)	165 @ 4,000	235 @ 3,200
Displacement (cu in)	148	242
Exhaust System	Long-life, stainless steel	
Fuel System	Sequential multipoint electronic fuel injection	
Transmission	Six-speed heavy-duty manual with overdrive and synchronized forward and reverse gears; hydraulically assisted, adjustment-free clutch	
	Four-speed automatic with overdrive and lockup torque converter, includes off-road skid plate	

FOUR-WHEEL-DRIVE SYSTEM (Transfer Case)

Command-Trac® NV231	Part-time two-speed with shift-on-the-fly; 2.72:1 low gear ratio, includes off-road skid plate
Rock-Trac™ NV241OR	Part-time two-speed with shift-on-the-fly; 4:1 low gear ratio, includes off-road skid plate

BODY/SUSPENSION/CHASSIS

Body Design	Body on frame with rectangular shaped steel frame; includes reinforced body mounts, transfer case shield/frame and gassed box section crossmembers
Quadra-Coil™ Suspension	Live solid axles with loading arms, coil springs, track and stabilizer bars, front steering damper and gas-charged shock absorbers
Steering	Power-assisted, recirculating ball
Turns	3.0, lock-to-lock
Turning Diameter	33.5 ft, curb-to-curb
Brake System	Disc/Drum Hydraulic, power-assisted; Front, low-drag ventilated disc/Rear, self-adjusting drum brakes
	Four-Wheel Disc Hydraulic, power-assisted; Front/Rear, low-drag ventilated disc
	Antilock Brake System (ABS): Three channels with four-wheel speed sensors

CAPACITIES/WEIGHTS

Fuel Tank (gal) (includes off-road skid plate)	19.0
Base Curb Weight (lb)	
2.4L Power Tech I-4	3,231
4.0L Power Tech I-6	3,418
Gross Vehicle Weight Rating (lb)	4,450*

Jeep, Trail Rated, Grand Cherokee, Liberty, Wrangler, Rubicon, Power Tech, Rock Trac, Command-Trac, Tru Lok, Quadra-Coil, Sentry Key, Fold-and-Tumble, Mopar, Camp Jeep and the Jeep grille are trademarks of DaimlerChrysler Corporation. Sunrider is a trademark of Bestop, Inc.

*4,600 on Rubicon



Jeep Wrangler Sport shown.

EXTERIOR DIMENSIONS (inches unless otherwise specified)

Length	
Wheelbase	93.4
Overall Length (SE/Rubicon)	155.4/156.1
Width	
Overall Width (SE/Rubicon)	66.7/68.2
Track, front/rear (SE/Rubicon)	58.0/58.0y (59.5/59.5)
Height	
Overall Height (SE/Rubicon)	70.8/72.1
Ground Clearance (at curb weight)	
Running Ground Clearance (SE/Rubicon)	8.9/10.3
Approach Angle (SE/Rubicon)	42.0°/44.9°
Breakover Angle (SE/Rubicon)	22.6°/25.4°
Departure Angle (SE/Rubicon)	31.5°/33.9°

INTERIOR DIMENSIONS (inches unless otherwise specified)

Head Room, front/rear (Soft top/Hardtop)	(42.5/41.3)/(40.6/39.5)
Leg Room, front/rear	40.9/35.3
Shoulder Room, front/rear	50.8/57.3
Hip Room, front/rear	51.8/42.7
Cargo Volume, (cu ft) Soft top/Hardtop	
Behind Rear Seat	11.9/11.6
Rear Seat Tumbled	25.4/24.2
Rear Seat Removed	47.1/46.8
Seating capacity	4

TOWING DATA

Engine	Transmission	Maximum Loaded Trailer Weight (lb)
2.4L Power Tech I-4	Six-Speed Manual	1,000
4.0L Power Tech I-6	Six-Speed Manual/Four-Speed Automatic	2,000
Class I Towing		
Maximum Gross Combined Weight Rating (2.4L/4.0L) (lb)		5,350/6,250
Tongue Load Limit (lb)		300

RESTRICTION: Trailer frontal area limitation of 25 sq ft. This chart is meant to serve as a quick and easy reference guide on how to properly load your Jeep Wrangler for towing. For specific details, discuss your plans with your Jeep dealer, who will help you select the right equipment to meet your specifications.

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WRANGLER UNLIMITED TECHNICAL SPECIFICATIONS

JEEP, WRANGLER UNLIMITED

POWERTRAIN

Engine	4.0L Power Tech I-6
Horsepower (SAE net @ rpm)	190 @ 4,600
Torque (net lb-ft @ rpm)	235 @ 3,200
Displacement (cu in)	242
Exhaust System	Long-life, stainless steel
Fuel System	Sequential multipoint electronic fuel injection
Transmission	Five-speed heavy duty manual with overdrive and synchronized forward and reverse gears; hydraulically assisted, adjustment-free clutch Four-speed automatic with overdrive and lockup torque converter, includes off-road skid plate

FOUR-WHEEL-DRIVE SYSTEM (Transfer Case)

CommandTrac® NV231	Part-time, two-speed with shift-on-the-fly; 2.72:1 low gear ratio, includes off-road skid plate
Red-Tec™ NV2410R	Part-time, two-speed with shift-on-the-fly; 4:1 low gear ratio, includes off-road skid plate

BODY/SUSPENSION/CHASSIS

Body Design	Body-on-frame with rectangular-shaped steel frame; includes reinforced body mounts, transfer case shield/frame and gusseted box section crossmembers
Quadra-Coil™ Suspension	Live solid axles with loading arms, coil springs, track and stabilizer bars, front steering damper and gas-charged shock absorbers
Steering	Power-assisted, recirculating ball
Tires	3.0, lock-to-lock
Turning Diameter	36.0 ft, curb-to-curb
Brake System	Front/Rear: Hydraulic, power-assisted, low-drag ventilated disc brakes

CAPACITIES/WEIGHTS

Fuel Tank (gal) (includes off-road skid plate)	19.0
Base Curb Weight (lb)	
4.0L Power Tech I-6	3,730
Gross Vehicle Weight Rating (lb)	4,600

All product illustrations, specifications and competitive comparisons are based upon current information at the time of publication approval. Although descriptions are believed correct, complete accuracy cannot be guaranteed. DaimlerChrysler reserves the right to make changes at any time, without notice or obligation, in prices, specifications, equipment, colors and materials, and to change or discontinue models. Some of the equipment shown or described throughout this catalog is available at extra cost. Available in U.S. markets only. See your dealer for the latest information.



Jeep Wrangler Unlimited shown

EXTERIOR DIMENSIONS (inches unless otherwise specified)

Length	
Wheelbase	103.4
Overall Length	167.0
Width	
Overall Width (Unlimited/Rubicon)	68.7/68.2
Track, front/rear (Unlimited/Rubicon)	(58.0/58.0) (59.5/59.5)
Height	
Overall Height (Unlimited/Rubicon)	70.8/72.1
Ground Clearance (at curb weight)	
Running Ground Clearance	8.3
Approach Angle	43.1°
Breakover Angle	21.4°
Departure Angle	27.7°

INTERIOR DIMENSIONS (inches unless otherwise specified)

Head Room, front/rear (Soft top/Hardtop)	42.2/40.4
Leg Room, front/rear	40.9/37.0
Shoulder Room, front/rear	50.8/57.3
Hip Room, front/rear	51.8/42.7
Cargo Volume, (cu ft)	
Behind Rear Seat	29.5
Rear Seat Tumbled	43.0
Rear Seat Removed	64.0
Seating capacity	4

TOWING DATA

Engine	Transmission	Maximum Loaded Trailer Weight (lb)
4.0L Power Tech I-6	Six-Speed Manual/Four-Speed Automatic	3,500
Class II Towing		
Maximum Gross Combined Weight Rating (lb)		7,800
Tongue Load Limit (lb)		300

RESTRICTIONS: Trailer frontal area limitation of 25 sq ft. This chart is meant to serve as a quick and easy reference guide on how to properly equip your Jeep Wrangler for towing. For specific details, discuss your plans with your Jeep dealer, who will help you select the right equipment to meet your specifications.

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WRANGLER STANDARD AND OPTIONAL FEATURES

	SE	X	SPORT	4WD	4WD/4X4	UNLIMITED	UNLIMITED 4X4	
	N	X	D	D	U	E	H	U
CPO SM PACKAGE	WEAVER SM					MOTOR WEAVER SM		
Interior								
Add-A-Trunk — Lockable storage, integrated tailgate tray			O	O	O			
Air Conditioning SM — Manual temperature controls	O	O	*	*	*	*	*	*
Console — Mini-floor center with two cup holders	*							
Convenience Group — Courtesy lamps under instrument panel, engine compartment lamp and full-center console with two front and two rear cup holders, locking storage bin and storage tray		*	*	*	*	*	*	*
Floor Mats — Front, carpeted	O	O	O	O	O	O	*	O
Premium Audio Group — AM/FM stereo radio with in-radio CD layer and seven speaker sound system with subwoofer		O				O		
Rearview Mirror — Automatic-dimming with map lamps, compass and temperature display (included with Security Group)			P		P	P	*	P
Seat Fabric — Sutton vinyl-trimmed	*							
— Santana cloth-trimmed	O	*	*	*	*	*		*
— Sedona cloth-trimmed, two-tone							*	
Seats — Fold-and-Tumble SM rear	*	*	*	*	*	*	*	*
— Front-passenger tip-and-slide	*	*	*	*	*	*	*	*
— Driver tip-and-slide (included with cloth seats)	P	*	*	*	*	*	*	*
Side Steps — Body-side			O			O	O	
Smoker's Group — Removable ashtray and lighter element	O	O	O	O	O	O	O	O
Sound System — AM/FM stereo radio with CD player	*	*	*	*	*	*	*	*
— AM/FM stereo radio with in-radio 6-disc CD changer (included in Premium Audio Group)		P	O	O	O	P	O	O
Speakers — Four, including two midrange and two full-range (included with AM/FM stereo radio with CD player)	*	*	*	*	*	*		
— Seven, including a subwoofer, two midrange speakers, two tweeters and two full-range speakers (included in Premium Audio Group)		Q/P	*		*	Q/P	*	*
Steering — Height-adjustable steering column	*	*	*	*	*	*	*	*
— Leather-wrapped steering wheel with speed controls		O	O	O	O	O	*	O
Windows — Deep-tint in rear quarter and rear (included with hardtop)		Q/P	*	*	*	*	*	*
Safety and Security								
Air Bags — Next Generation driver and front-passenger	* ^{1R}	* ^{1R}	* ^{1R}	* ^{1R}	* ^{1R}	* ^{1R}	* ^{1R}	* ^{1R}
Brakes — Power front disc/rear drum	*	*						
— Four-wheel disc (included in Brake and Traction Group)			P		*	*	*	*
— Four-wheel antilock with Dana 44 rear axle (requires Trac-Lok if 3.73 axle ratio)			O					
Brake and Traction Group — Four-wheel disc brakes, Trac-Lok rear differential, 3.73 axle ratio and Dana 44 heavy-duty rear axle (requires 3.07 tires)			O			*	*	
Child Seat Anchor System (LATCH) — Lower child seat anchors and upper tether anchors help ease the installation of compatible after market seats	*	*	*	*	*	P	*	*
Fuel Cap — Locking	O	O	O	O	O	O	O	O
Security Group — Auto-dimming rearview mirror and Sentry Key Engine Immobilizer			O		O	O	*	O
Sentry Key SM Engine Immobilizer — Theft deterrent system with two encoded keys (included in the Security Group)			P		P	P	*	P
Speed Control — Electronic with steering wheel-mounted controls (included with leather-wrapped steering wheel)		P	P	P	P	P	*	P

* = Included, P = Available with package need, O = Optional

¹ There are special seating requirements for non factory installed air conditioning. Failure to follow these requirements may invalidate warranty.

² Certified to the Federal Regulations that allow less forward front air bags. Always use seat belts. Children 12 and under should always be in the back seat correctly using an infant or child restraint system, or the seat belt positioned correctly, for the child's age and size.

* = Included, P = Available with package need, O = Optional.

¹ There are special cooling requirements for non-factory-installed air conditioning. Failure to follow these requirements may invalidate warranty.

² Certified to the Federal Regulations that allow less than full front air bags. Always use seat belts. Children 12 and under should always be in a backseat correctly using an infant or child restraint system, or the seat belt positioned correctly for the child's age and size.

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WRANGLER STANDARD AND OPTIONAL FEATURES

	SE	X	SPORT	RHD	RECON	UNLIMITED	UNLIMITED RECON	
	N	X	D	D	U	E	H	U
CPO5 SM PACKAGE	WRANGLER				DOOR WHEELS			
CAPABILITY								
Axle — Dana 44 heavy-duty front and rear						*		*
— Dana 44 heavy-duty rear (included with 30" Tire and Wheel Group, Brake and Traction Group and antilock brakes)			Q/P	*		*	*	*
Axle Ratio — 4.11:1						*		*
— 3.07:1 (included with manual transmission)		P	P					
— 3.73:1 (included with each of the following features: automatic transmission; 30" Tire and Wheel Group; Trac-Lok on X)	*	Q/P	P	*		*	*	*
Differential — Trac-Lok limited-slip rear (includes 3.73 axle ratio on X; included with Brake and Traction Group)		O	P	*		*	*	*
— Tru-Lok SM front and rear remote locking with limited-slip gear					*			*
Engine Block Heater	Q	O	O	O	O	O	O	O
Powertrain — 2.4L I-4 engine with manual transmission	*							
— 4.0L I-6 engine with manual transmission		*	*		*	*	*	*
— 4.0L I-6 engine with automatic transmission	O	O	O	*	O	O	O	O
Tow Hooks — Two front, one rear	O	O	*	*	*	*	*	*
Transfer Case — Command-Trac SM ; NV231 part-time 4WD	*	*	*	*		*	*	*
— Rock-Trac SM ; NV241OR heavy-duty part-time 4WD					*			*
EXTERIOR								
Decor Group — Silver painted instrument panel, body-color fender flares, chrome grille overlay and two-tone Sedona cloth seats							*	
Doors — Half-hard with zip-out windows (not available with hardtop)	*	*			O			
— Full-hard with light-tinted roll-up windows (included with hardtop or Dual Top)	O	Q/P	*	*	*	*	*	*
Ecoo Wheel and Tire Group — Ecoo cast aluminum wheels and P225/75R15 Goodyear Wrangler OWL tires		O						
Fog Lamps — Two halogen, mounted on bumper			*		*	*	*	*
Spare Tire Cover — Black vinyl with Jeep logo (not available with 30" Tire and Wheel Group)			O	O				
Tires — P225/75R15 Goodyear Wrangler RT/S, vertically serrated band, all-terrain BSW	*	*						
— P225/75R15 Goodyear Wrangler GSA all-terrain OWL (included in Ecoo Wheel and Tire Group)		Q/P	*	*				
— 30"x 9.5" R15 LT Goodyear Wrangler GSA all-terrain OWL (included in 30" Tire and Wheel Group)			P			*	*	
— LT245/75R16 Goodyear Wrangler MT/R on/off-road BSW					*			*
— Full-size spare with matching wheel	*	*	*	*	*	*	*	*
30" Tire and Wheel Group — Heavy-duty suspension, Ravine cast aluminum wheels, 30"x 9.5" R15 LT Goodyear Wrangler OWL tires, Dana 44 rear axle and 3.73 axle ratio			O					
Top — Soft, easy-folding, three-ply Sailcloth	*	*	*		*			
— Hardtop with rear wiper/washer and rear defroster, full-hard doors and deep-tinted glass; fiberglass		O	O	*	O	O	O	O
— Dual Top (hardtop and soft top in same color with full-hard doors and deep-tinted glass)				O	O			
— Sunrider SM easy-folding soft top with sunroof feature, three-ply sailcloth	*				*	*	*	*
Wiper System — Variably-intermittent front	*	*	*	*	*	*	*	*

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