



**Body Style:** Four-door sport-utility vehicle  
**Layout:** Longitudinal front engine, 2WD or 4WD  
**Seat Layout:** 2/3  
**EPA Vehicle Class:** Multi-purpose vehicle  
**Assembly:** Jefferson North Assembly Plant, Detroit

**INVENTOR OF THE PREMIUM SUV HITS SWEET SPOT OF REAL-WORLD CAPABILITY AND ON-ROAD REFINEMENT**

Nearly 18 years ago, Jeep invented the premium SUV segment with the introduction of the Jeep Grand Cherokee. More than 4 million sales later, Jeep improves the formula and hits the sweet spot of real-world capability and on-road refinement with the all-new 2011 Jeep Grand Cherokee.

The all-new Jeep Grand Cherokee delivers premium on-road performance while maintaining the Jeep brand's legendary four-wheel-drive, torque-on-demand two-speed transfer case and towing capability. It also offers improved fuel economy (up to 11 percent) and a world-class interior cabin.

The all-new Quadra-Lift air suspension system delivers legendary Jeep off-road capability along with the new Selec-Terrain system that allows the driver to choose the drive system that best matches on- or off-road driving conditions. New front and rear independent suspension systems deliver premium on-road handling and comfort.

The all-new 2011 Jeep Grand Cherokee is built on a proven rear-wheel-drive unibody platform sharing the same underpinnings as the Mercedes-Benz ML.

(continued on next page)

**NEW FOR 2011**

- New Quadra Lift™ air suspension system provides height control and lifts vehicle up to 4.5 inches from park mode to a maximum ride height of 11.1 inches to deliver legendary Jeep off-road capability
- Choice of three 4x4 systems – Quadra-Trac I®, Quadra-Trac II® and Quadra-Drive II® with Electronic Limited-Slip Differential (ELSD)
- New Selec-Terrain™ system with Quadra-Trac II and Quadra-Drive II provides five selectable terrain settings to handle any driving condition
- First application of company's all-new, flexible-fuel 3.6-liter Pentastar V-6 engine featuring Variable-valve Timing (VVT), 280 hp (209 kW) and 260 lb.-ft. of torque (353 N•m) @ 4,800 rpm – an 11 percent improvement in fuel economy, 33 percent in horsepower and 11 percent in torque
- Available 5.7-liter HEMI® V-8 generates 360 hp (268 kW) and 390 lb.-ft. of torque (520 N•m) @ 4,250 rpm – features VVT and fuel-saving Multi-displacement System (MDS) technology with dual exhaust for maximum fuel efficiency

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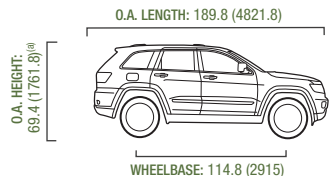
**MODELS / POWERTRAINS**

MODEL	ENGINES		TRANSMISSIONS	
	3.6L V-6	5.7L HEMI® V-8	5-SPEED OVERDRIVE AUTO (W5A580)	MULTI-SPEED AUTO (545RFE)
Laredo 2WD	S	0	S*	S**
Laredo 4WD	S	0	S*	S**
Limited 2WD	S	0	S*	S**
Limited 4WD	S	0	S*	S**
Overland 2WD	S	0	S*	S**
Overland 4WD	S	0	S*	S**

\* 3.6-liter  
 \*\* 5.7-liter

2011 GRAND CHEROKEE

**DIMENSIONS, IN. (MM)**



**O.A. Width<sup>(a)</sup>:** 76.3 (1937.6)  
**Track, Front:** 63.9 (1623)  
**Track, Rear:** 64.1 (1627)  
**Curb Wt. lb. (kg):** 4,470 (2028) - 5,210 (2364)  
 See charts in Specifications

<sup>(a)</sup> At roof rail  
<sup>(b)</sup> At body

## 2011 JEEP® GRAND CHEROKEE OVERVIEW

- SIRIUS Travel Link gives drivers up-to-the-minute information about gas prices, weather conditions, sports scores and movie listings
- SIRIUS Traffic monitors traffic in 78 markets across the U.S. and continuously displays conditions through the vehicle's navigation system
- Uconnect Phone wireless Bluetooth® connection for cell phones (and future MP3 players), enabling streaming music, and new USB connection with digital technology, enabling voice search by song title and artist for iPod devices
- Uconnect Navigation featuring all-new Garmin navigation and Uconnect Multimedia featuring SIRIUS Backseat TV™

## SAFETY AND SECURITY

More than 45 safety and security features including:

- Standard Electronic Stability Control (ESC) which includes Electronic-roll Mitigation, Hill-start Assist (HSA), Trailer-sway Control (TSC) and Hill-descent Control (HDC)
- Standard full-length side-curtain air bags for front and rear outboard passengers
- Standard seat-mounted side thorax air bags enhance protection for driver and front passenger
- Standard Jeep first Active Head Restraints
- Blind-spot Monitoring (BSM)/Rear Cross Path (RCP) detection system
- Adaptive-cruise Control (ACC)
- Forward Collision Warning (FCW) system

## FUEL ECONOMY (city/hwy)

3.6L DOHC V-6	5.7L HEMI V-8
16/23—2WD	14/20—2WD
16/22—4WD	13/19—4WD

## Legendary Jeep Capability

The Quadra-Lift system features five height settings for optimum ride performance:

- Normal Ride Height (NRH): 8.1 inches of clearance offers improved fuel economy and improved aerodynamics during on-road driving
- Off-road 1: Lifts the vehicle an additional 1.5 inches for added height in clearing obstacles (9.6 inches)
- Off-road 2: Delivers legendary Jeep off-road capability and provides an additional 3 inches of height for 11.1 inches of ground clearance
- Park Mode: Lowers the vehicle 1.5 inches from NRH for easy ingress/egress. NRH and Park mode are driver-selectable, giving the driver control over vehicle ride height
- Aero Mode: Lowers the vehicle .6 inches from NRH. Aero Mode is controlled by vehicle speed and adjusts for optimal performance and fuel economy

Quadra-Lift adds up to 4.5 inches of lift span and is supported by four-corner air springs that provide a cushioned, premium ride. Quadra-Lift operates automatically, or may be controlled manually via console controls.

In addition to the Quadra-Lift air suspension, the all-new Selec-Terrain™ traction control system lets customers choose the off-road setting for an optimum experience on all terrains. This feature electronically coordinates up to 12 different powertrain, braking and suspension systems, including throttle control, transmission shift, transfer case, Traction Control and Electronic Stability Control (ESC).

Selec-Terrain's control dial allows the driver to choose from five driving conditions in order to achieve the best driving experience on all terrains:

- Sand/Mud: Traction control and Quadra-Lift operate with sensitive response to wheel spin, and torque is tuned for optimal performance
- Sport: Provides enhanced on-road "fun-to-drive" capability
- Auto: Automatically adapts to any on- or off-road situation
- Snow: Vehicle traction and Quadra-Lift adjust for ultimate performance over snow-covered roads
- Rock: Quadra-Lift suspension raises to maximum height (11.1 inches) while the transfer case, differentials, and throttle coordinate to provide low-speed control

Selec-Terrain, coupled with the all-new Quadra-Lift air suspension, offers drivers an adjustable suspension span that delivers legendary Trail Rated® performance.

The all-new independent front and rear suspension features isolated front and rear suspension cradles. Variable-rate rear springs deliver improved on-road handling and comfort that complements the vehicle's off-road capability. The new rear suspension allows the spare tire to be stored inside the vehicle as opposed to underneath.

## Go-Anywhere 4x4 System

The 2011 Jeep Grand Cherokee offers three 4x4 systems (Quadra-Trac I®, Quadra-Trac II® and Quadra-Drive® II).

Quadra Trac I delivers full-time four-wheel drive without any switches or levers to pull. The system provides smooth operation over a variety of road conditions. This light-weight single-speed case is both proven and highly efficient for enhanced fuel economy.

## 2011 JEEP® GRAND CHEROKEE OVERVIEW

Quadra Trac II's two-speed transfer case uses input from a variety of sensors in order to determine tire slip at the earliest possible moment and take corrective action. The system uses Throttle Anticipate to sense quick movement in the throttle from a stop and maximizes traction before slippage occurs. When tire slippage is detected, as much as 100 percent of available torque is instantly routed to the axle with the most traction.

Quadra Drive II, with a rear Electronic Limited-Slip Differential (ELSD), delivers industry-leading tractive capability. The system instantly detects tire slip and smoothly distributes engine torque to tires with traction. In some cases, the vehicle will anticipate low traction and adjust in order to proactively limit or eliminate slip.

Selec-Terrain is standard with Quadra Trac II and Quadra Drive II.

All 2011 Jeep Grand Cherokees equipped with either of the off-road groups are Trail Rated®.

### Powertrain

The all-new 2011 Jeep Grand Cherokee is available with two leading engine options for North American markets.

The 2011 Jeep Grand Cherokee's standard engine is an all-new flexible-fuel 3.6-liter Pentastar V-6 engine. The 3.6-liter Pentastar V-6 engine is an all-new design featuring double overhead camshafts (DOHC) and a high-pressure die-cast aluminum cylinder block in a 60-degree configuration. It features Variable-Valve Timing (VVT) and delivers 280 horsepower (209 kW) and 260 lb.-ft. of torque (353 N•m) @ 4,800 rpm. This all-new V-6 engine improves fuel economy up to 11 percent compared to the previous Grand Cherokee equipped with a V-6. It is coupled with the proven W5A580, a five-speed automatic transmission that delivers smooth shifts and optimum fuel economy. The five-speed W5A580 transmission includes adaptive electronic control or Electronic Range Select (ERS) driver-interactive manual control and an electronically modulated torque converter clutch.

The all-new 2011 Jeep Grand Cherokee's larger fuel tank, with a 24.6 gallon capacity, combined with the V-6 engine's improved fuel economy, delivers a range of approximately 500 miles on one tank of gas.

The available legendary 5.7-liter HEMI® V-8 engine delivers 360 horsepower (268 kW) and 390 lb.-ft. of torque (520 N•m) @ 4,250 rpm. The HEMI® also features VVT, which delivers performance and towing capability, as well as fuel efficiency with the fuel-saving Multi-displacement System (MDS). The 5.7-liter HEMI® V-8 engine is mated to the 545RFE multi-speed automatic transmission.

The all-new Jeep Grand Cherokee offers unsurpassed trailer-tow capability of up to 7,400 lbs. on 4x2 models when equipped with the HEMI® V-8 engine.

For international markets, the all-new 2011 Jeep Grand Cherokee will be available in left- and right-hand drive with either diesel or petrol powertrains.

### World-class Interior Refinement

The all-new interior is elevated to that of its European competition and features rich materials and elegant appointments, as well as more room for both passengers and cargo.

An available all-new CommandView® dual-pane panoramic sun roof provides twice as much glass surface than a standard sun roof and extends from the windshield to the rear of the vehicle. The front panel may be opened rearward, providing additional light and fresh air to first-row passengers. The rear panel, which is fixed, allows light and open viewing for second-row passengers and comes standard with a power sun shade.

### Right-sized Packaging

The vehicle's 114.8-inch wheelbase is 5.3 inches longer than the model it replaces and contributes to an overall vehicle length that is 1.8 inches longer than the prior model. The longer wheelbase creates more interior room and gives passengers an additional 4 inches of rear-seat knee and leg room. The vehicle also is 3 inches wider for improved handling and packaging.

For better access to the interior, front-door openings are 1.9 inches wider and 2 inches taller. Rear doors open 78 degrees as opposed to 67 degrees on the current model.

Inside, premium seating includes room for five passengers. For added passenger comfort, rear seats recline 12 degrees.

## 2011 JEEP® GRAND CHEROKEE OVERVIEW

Cargo volume behind the second row provides an additional 6.8 cubic-feet of room (36.3 cubic feet total) compared to the previous model. The well-appointed rear-cargo area includes a storage unit with a rechargeable flashlight and new and improved grocery bag hooks on both sides. The spare tire compartment includes removable dual storage bins for secure storage of muddy gear or other items.

An all-new power rear liftgate is available for effortless remote up/down convenience.

### Classic Exterior Design

Every surface of the all-new Jeep Grand Cherokee is new and treated for aerodynamics. Aerodynamics improve fuel efficiency and puts more fluidity into the design while delivering a 7-percent improvement in drag compared with the current model. The all-new 2011 Grand Cherokee Cd is approximately 0.37 compared with the 2009 Cd of 0.404.

The front appearance includes Jeep's classic seven-slot grille, round headlamps and trapezoidal wheel arches. The removable lower front fascia delivers improved fuel economy, on-road performance and off-road capability. The lower front fascia features a large chromed appliqué (Limited and Overland models) that showcases available tow hooks.

Seventeen-inch wheels are standard and deliver off-road capability, with optional 18-inch and all-new to Jeep, 20-inch wheels for 2011.

Taillamps wrap from the rear quarter panel to the back of the vehicle and create a solid form which creates more of an upscale appearance. The treatment complements the front-end design and resonates with the rest of the exterior.

Jeep Grand Cherokee models equipped with a HEMI® V-8 engine have 3.5-inch dual chromed exhaust tips, and those with the V-6 engine have a 3-inch single exhaust.

The all-new 2011 Jeep Grand Cherokee's premium SUV on-road manners and legendary Jeep ruggedness is achieved with more than 5,400 welds in the body alone. Torsional stiffness is 146 percent stiffer than the current Grand Cherokee and stiffer than the BMW X5 and Toyota Highlander for improved durability and reduced noise, vibration and harshness (NVH).

With more than 3,700 mm of arc welding and 100 m of structural adhesive to augment welding, this marks a 53-percent increase in spot welds, a 42-percent increase in arc welds and a 38-percent increase in structural adhesive.

### Safety

The all-new 2011 Jeep Grand Cherokee includes more than 45 safety and security features. Standard safety features include Hill-start Assist (HSA), Electronic Stability Control (ESC), Electronic-roll Mitigation (ERM), four-wheel Anti-lock Brake System (ABS) with rough-road detection, four-wheel Brake-traction Control System (BTCS), Passive Entry/Keyless Go, Remote keyless entry, express-up/down windows for driver and front-seat passenger, seat-belt pretensioners, Trailer-sway Control (TSC) and remote start which is standard on Overland and Limited.

Other standard safety features include full-length side-curtain air bags which extend protection to front and rear outboard passengers, seat-mounted side thorax air bags that enhance protection for the driver and front passenger, and active head restraints which deploy in the event of a rear collision.

The body structure is all new and designed to achieve expected safety performance in global markets (new roof-crush standards, side-impact standards and Euro pedestrian impact).

### Technology

The 2011 Jeep Grand Cherokee also features SIRIUS Travel Link. SIRIUS Travel Link provides drivers with up-to-the-minute information about gas prices, weather conditions, sports scores and movie listings. In addition, the all-new 2011 Grand Cherokee features SIRIUS Traffic, which monitors traffic in 78 markets across the U.S. and continuously displays conditions through the vehicle's navigation system. Together, SIRIUS Traffic and Travel Link connect Jeep Grand Cherokee drivers and passengers to the information they need while on- or off-road.

## 2011 JEEP® GRAND CHEROKEE AT A GLANCE

**Legendary Jeep Capability**

- New Quadra Lift™ air suspension system provides height control and lifts vehicle up to 4.5 inches from park mode to a maximum ride height of 11.1 inches to deliver legendary Jeep off-road capability
- Choice of three 4x4 systems – Quadra-Trac I®, Quadra-Trac II® and Quadra-Drive® II with Electronic Limited-Slip Differential (ELSD)
- New Selec-Terrain™ system with Quadra-Trac II and Quadra-Drive II offers five terrain settings: Auto, Sand/Mud, Sport, Snow and Rock to match driving conditions
- First application of company's all-new, flexible-fuel 3.6-liter Pentastar V-6 engine. The new engine features Variable-valve Timing (VVT) and generates 280 hp (209 kW) and 260 lb.-ft. of torque (353 N•m) @ 4,800 rpm – an 11 percent improvement in fuel economy, 33 percent in horsepower and 11 percent in torque
- Available 5.7-liter HEMI® V-8 generates 360 hp (268 kW) and 390 lb.-ft. of torque (520 N•m) @ 4,250 rpm – features VVT and fuel-saving Multi-displacement System (MDS) technology with dual exhaust to maximize efficiency
- For international markets, left- and right-hand drive and a choice of diesel and petrol powertrains will be available
- Unsurpassed trailer-tow capability of up to 7,400 lbs. on 4x2 models with Trailer-sway Control (TSC) and rear load-leveling included
- Range of 500 miles on one tank of gas (24.6-gallon capacity compared to 21.6 on current model)

**Refinements****Interior**

- World-class interior features include real wood and leather, heated steering wheel, heated and ventilated front seats, heated rear seats, four-way power lumbar controls, rain-sensitive wipers, Passive Entry/Keyless Go, ParkView™ rear back-up camera and power tilt/telescoping steering column with memory
- Premium packaging for up to five passengers and cargo
- Larger front- and rear-door openings (78 degrees) for improved ingress/egress compared to current model (67 degrees)
- More than 4 inches of increased rear-seat knee and leg room (38.6 inches) compared to previous model with reclining second-row seats
- Larger cargo volume (36.3 cubic feet) provides 17 percent more room for gear compared to current model (31 cubic feet)

**Exterior**

- All-new sculpted body and athletic profile define a sleek exterior with aerodynamic finesse
- All-new dual-pane panoramic sun roof (CommandView®) extends from the windshield to the rear of the vehicle. Comprised of two glass panels with power open/close sun shade
- Effortless power rear liftgate for remote up/down convenience (Grand Cherokee first)
- New 20-inch wheels available on Limited and standard on Overland models
- Bi-Xenon High-intensity discharge (HID) headlamps standard on Limited and Overland models
- Segment-exclusive SmartBeam® headlamps adjust to ambient light and oncoming traffic to deliver maximum lighting standard on Limited and Overland

**Ride and Handling**

- All-new independent front and rear suspension deliver premium on-road manners with isolated front and rear suspension cradles and variable-rate rear springs that combine to enhance on-road character and ride comfort
- All-new body structure's torsional stiffness is 146 percent stiffer than current model and stiffer than the BMW X5, Lexus RX 300 and Mercedes ML for improved durability and reduced noise, vibration and harshness (NVH)
- Stiffness achieved with more than 5,400 welds in the body alone. This marks a 53-percent increase in spot welds, a 42-percent increase in arc welds and a 38-percent increase in structural adhesive

**More than 45 Safety and Security Features**

- Standard Electronic Stability Control (ESC) includes Electronic-roll Mitigation (ERM), Hill-start Assist (HSA), Trailer-sway Control (TSC) and Hill-descent Control (HDC)
- Standard full-length side-curtain air bags extend protection to front and rear outboard passengers
- Standard seat-mounted side thorax air bags enhance protection of the driver and front passenger
- Standard Jeep-first Active Head Restraints deploy in the event of a rear collision in order to minimize the gap between the head restraint and occupant's head

## 2011 JEEP® GRAND CHEROKEE AT A GLANCE

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- Blind-spot Monitoring (BSM) and Rear Cross Path (RCP) accident avoidance safety system notifies driver of vehicle(s) in blind spots with illuminated icons on side-view mirrors and/or an audible chime
- Adaptive-cruise Control (ACC) decreases vehicle's pre-set cruise-control speed when closing in on another vehicle or when another vehicle pulls into same lane (late availability)
- Forward Collision Warning (FCW) system detects when the vehicle may be approaching another vehicle too rapidly and alerts driver (late availability)
- Remote start feature starts engine and activates comfort settings based on ambient conditions by using the key fob while maintaining vehicle security (standard on Overland and Limited, available on Laredo)

### Connectivity and Infotainment

- SIRIUS Travel Link gives drivers up-to-the-minute information about gas prices, weather conditions, sports scores and movie listings
- SIRIUS Traffic monitors traffic in 78 markets across the U.S. and continuously displays conditions through the vehicle's navigation system
- Uconnect Phone radio with wireless Bluetooth® connection for cell phones (and future MP3 players), enabling streaming music, and new USB connection with digital technology, enabling voice search by song title and artist for iPod devices
- Uconnect Navigation featuring all-new Garmin navigation and Uconnect Multimedia featuring SIRIUS Backseat TV™
- Premium Alpine audio system with nine speakers, surround sound and a 506-watt sub woofer

## 2011 JEEP® GRAND CHEROKEE PRELIMINARY SPECIFICATIONS

All dimensions are in inches (millimeters) unless otherwise noted. All dimensions are measured at curb weight with standard tires and wheels.

Note: Information shown is correct at time of publication, and is subject to change.

## GENERAL INFORMATION

Body Style	Four-door sport-utility vehicle
Construction	Steel unibody
Assembly Plant	Jefferson Avenue North, Detroit
EPA Vehicle Class	Multi-purpose vehicle

## ENGINE: 3.6-LITER DOHC V-6

Availability	Standard on all models (2WD and 4WD)
Type and Description	60-degree V-type, liquid-cooled
Displacement	220 cu. in. (3604 cu. cm) 3.78 x 3.27 (96.0 x 83.0)
Valve System	Chain-driven DOHC, 24 valves and hydraulic end-pivot roller rockers
Fuel Injection	Sequential, multi-port, electronic, returnless
Construction	Aluminum deep-skirt block, aluminum alloy heads
Compression Ratio	10.2:1
Power (est.) (SAE J2723)	280 hp (209 kW) @ 6,400 rpm
Torque (est.) (SAE J2723)	260 lb.-ft. (353 N•m) @ 4,800 rpm
Max. Engine Speed	6,400 rpm (electronically limited)
Fuel Requirement	Unleaded regular, 87 octane (R + M)/2
Oil Capacity	6.0 qt. (5.7L)
Coolant Capacity	14.0 qt. (13.25L)
Emission Controls	Dual three-way catalytic converters, heated oxygen sensors and internal engine features <sup>(a)</sup>
Estimated EPA Fuel Economy mpg (City/Hwy)	16/23—2WD 16/22—4WD
Assembly Plant	Trenton South Engine Plant, Trenton, Mich.

<sup>(a)</sup> Meets Calif. LEV II+ evaporative emission requirements in CA, NY, MA, ME, VT Meets Tier 2, meets Federal Bin 4+ emission requirements and Clean Fuel Fleet Certification (CCF-LEV) in all other 45 states.

## ENGINE: 5.7-LITER HEMI® V-8

Availability	Optional on Laredo, Limited & Overland (2WD and 4WD)
Type and Description	90-degree V-type, liquid-cooled
Displacement	345 cu. in. (5654 cu. cm)
Bore x Stroke	3.92 x 3.58 (99.5 x 90.9)
Valve System	Variable-valve Timing (VVT), pushrod-operated overhead valves, 16 valves, eight deactivating and eight conventional hydraulic lifters, all with roller followers
Fuel Injection	Sequential, multi-port, electronic, returnless
Construction	Deep-skirt cast-iron block with cross-bolted main bearing caps, aluminum alloy heads with hemispherical combustion chambers
Compression Ratio	10.5:1
Power (est.) (SAE J2723)	360 hp (268 kW) @ 5,150 rpm
Torque (est.) (SAE J2723)	390 lb.-ft. (520 N•m) @ 4,250 rpm

## 2011 JEEP® GRAND CHEROKEE PRELIMINARY SPECIFICATIONS

Max. Engine Speed	5,800 rpm (electronically limited)
Fuel Requirement	Unleaded mid-grade, 89 octane (R+M)/2—recommended, unleaded regular, 87 octane (R+M)/2—acceptable
Oil Capacity	7.0 qt. (6.6L)
Coolant Capacity	14.5 qt. (13.72L)
Emission Controls	Dual close-coupled three-way catalytic converters, quad-heated oxygen sensors and internal engine features <sup>(a)</sup>
Estimated EPA Fuel Economy mpg (City/Hwy)	14/20—2WD 13/19—4WD
Assembly Plant	Saltillo Engine Plant, Saltillo, Mexico

<sup>(a)</sup> Meets Calif. LEV II+ evaporative emission requirements in CA, NY, MA, ME, VT and Federal Bin 5+ Tier II emissions and Clean Fuel Fleet Certification (CCF).

### TRANSMISSION: W5A580 AUTOMATIC, FIVE-SPEED OVERDRIVE

Availability	Included with 3.6-liter V-6 engine
Description	Adaptive electronic control or Electronic Range Select (ERS) driver-interactive manual control and electronically modulated torque converter clutch
<b>Gear Ratios</b>	
1st	3.59
2nd	2.19
3rd	1.41
4th	1
5th	0.83
Reverse	3.16
Final-drive Ratio	3.06:1
Overall Top-gear	2.54

### TRANSMISSION: 545RFE AUTOMATIC, MULTI-SPEED

Availability	Included with 5.7-liter engine
Description	Three planetary gear sets, one overrunning clutch, with Electronic Range Select (ERS) driver interactive control, electronically controlled torque converter clutch
<b>Gear Ratios</b>	
1st	3
2nd	1.67—upshift; 1.50—kick-down
3rd	1
4th	0.75
5th	0.67
Reverse	3
Final-drive Ratio	3.47
Overall Top-gear	2.32

### TRANSFER CASE: MP 3010

Availability	Optional with 3.6-liter engine
Type	Single-speed
Operating Mode	Full-time 4WD
Low-Range Ratio	None
Torque Split, Front/Rear	50/50

## 2011 JEEP® GRAND CHEROKEE PRELIMINARY SPECIFICATIONS

## TRANSFER CASE: MP 3022

Availability	Optional with the 3.6 liter and 5.7-liter engine
Type	Two-speed, electronically shifted
Operating Modes	4x4 Low (Lock), Neutral; full-time active 4x4
Low-range Ratio	2.72
Torque Split, Front/Rear	Variable

## FRONT AXLES

Differential Type	Conventional
Availability	Standard on 4x4 models with 3.6-liter and 5.7-liter engines
Ring Gear Diameter	7.7 in. (195 mm)
Axle Ratios	3.06:1—3.6-liter engine; 3.47:1—5.7-liter engine

## REAR AXLES

Differential Type	Conventional
Availability	Standard on all engines
Ring Gear Diameter	8.4 in. (215 mm) – 3.6 liter engine, 8.9 in. (225 mm) – 5.7 liter engine
Axle Ratios	3.06:1—3.6-liter engine; 3.47:1—5.7-liter engine
Differential Type	Electronic Limited-Slip Differential
Availability	Optional on 4x4 models with MP 3022 transfer case
Ring Gear Diameter	Same as conventional
Axle Ratios	3.47—5.7-liter engine

## ELECTRICAL SYSTEM

Alternator	160-amp; 180-amp or 220-amp depending on option content.
Battery	Group 65 maintenance-free 750CCA

## DIMENSIONS AND CAPACITIES

Wheelbase	114.8 (2915)
Track, Front	63.9 (1623)
Track, Rear	64.1 (1627)
Overall Length	189.8 (4821.8)
Overall Width (Width at Mirrors)	84.8 (2154)
Body Width	76.3 (1937.6)
Overall Height (at Roof Rail / at Antenna)	69.4 (1761.8) / 71.7 (1820.8)
Load-floor Height (Std Susp. / Air Susp)	32.4 (821.9) / 31.9 (810.5)
Sill-step Height (Std Susp. / Air Susp)	20.5 (521.1) / 20.2 (513.5)
Ground Clearance (with P245/70R17 Tire and 3.6L Engine)	
(Std Susp. / Air Susp – Pos#2)	8.7 (220.0) / 11.6 (296.0)
Chassis (Fuel Tank)	
(Std Susp. / Air Susp – Pos#2)	9.5 (241.7) / 12.5 (317.7)
Front Axle (Std Susp. / Air Susp – Pos#2)	8.5 (216.7) / 11.5 (292.7)
Rear Axle (Std Susp. / Air Susp – Pos#2)	10.2 (258.3) / 13.2 (334.3)
Approach Angle	
(Std Susp. / Air Susp – Pos#2, air-dam off)	26.3 degrees / 35.9 degrees
Ramp Breakover Angle	
(Std Susp. / Air Susp – Pos#2)	19.0 degrees / 25.1 degrees

## 2011 JEEP® GRAND CHEROKEE PRELIMINARY SPECIFICATIONS

Departure Angle (Std Susp. / Air Susp – Pos#2)	26.4 degrees / 29.2 degrees
Frontal Area	31.0 sq. ft. (2.88 sq. m)
Drag Coefficient	Approximately 0.37
Aero	11.6 (cd x cross-sectional area)
Fuel Tank Capacity	24.6 gal. (93.1L)

### ACCOMMODATIONS

Seating Capacity, Front/Second	2/3
<b>Front Seat</b>	
Head Room	40.0 (1015.8)
Leg Room	40.3 (1024.5)
Shoulder Room	58.6 (1488.6)
Hip Room	57.0 (1450)
Seat Travel	11.4 (290)
SAE Volume	54.7 cu. ft. (1.55 cu. m)
<b>Rear Seat</b>	
Head Room	39.3 (999)
Leg Room	38.6 (980)
Shoulder Room	58.0 (1474.3)
Hip Room	56.5 (1435.2)
Knee Clearance	4.3 (110.0)
Couple	34.6 (880)
SAE Volume	50.9 cu. ft. (1.4 cu. m)
<b>Cargo Volume</b>	
Behind Rear Seat	36.3 cu. ft. (1.03 cu. m)
Behind Front-row Seats with Rear Seats Folded	68.3 cu. ft. (1.93 cu. m)

### WEIGHTS (ESTIMATES)

	Model	Engine	GVWR <sup>(a)</sup> lbs. (kg)	Curb Weight <sup>(b)</sup> lbs. (kg)	Payload <sup>(c)</sup> lbs. (kg)
2WD	Laredo	3.6-liter	6500 (2948)	4470 (2028)	2030 (920)
		5.7-liter	6500 (2948)	4780 (2169)	1720 (780)
	Limited	3.6-liter	6500 (2948)	4600 (2087)	1900 (860)
		5.7-liter	6500 (2948)	4920 (2232)	1580 (715)
	Overland	3.6-liter	6500 (2948)	4600 (2087)	1900 (860)
		5.7-liter	6500 (2948)	4920 (2232)	1580 (715)
4WD	Laredo	3.6-liter	6500 (2948)	4660 (2114)	1840 (835)
		5.7-liter	6500 (2948)	5020 (2278)	1480 (670)
	Limited	3.6-liter	6500 (2948)	4850 (2201)	1650 (750)
		5.7-liter	6800 (3084)	5150 (2336)	1660 (750)
	Overland	3.6-liter	6500 (2948)	4850 (2201)	1650 (750)
		5.7-liter	6800 (3084)	5210 (2364)	1590 (720)

<sup>(a)</sup> Gross Vehicle Weight Rating.

<sup>(b)</sup> Curb weight includes standard equipment and full quantities of fuel, lubricant and coolant.

<sup>(c)</sup> Payload is the maximum allowable weight of driver, passengers, cargo, and options, rounded to the nearest 10 lbs. (5kg).

2011 JEEP® GRAND CHEROKEE PRELIMINARY SPECIFICATIONS

WEIGHT DISTRIBUTION, F/R

	MODEL	ENGINE	DISTRIBUTION
2WD	Laredo	3.6-liter	51/49
		5.7-liter	54/46
	Limited	3.6-liter	51/49
		5.7-liter	53/47
	Overland	3.6-liter	53/47
		5.7-liter	54/46
4WD	Laredo	3.6-liter	53/47
		5.7-liter	55/45
	Limited	3.6-liter	52/48
		5.7-liter	54/46
	Overland	3.6-liter	53/47
		5.7-liter	54/46

BODY

<b>4x2</b>	
Layout	Longitudinal front engine, rear drive
Construction	Steel Uniframe
<b>4x4</b>	
Layout	Longitudinal front engine, transfer case with full-time four-wheel drive
Construction	Steel Uniframe

SUSPENSION

Front	Short- and long-arm independent (SLA), coil springs, gas-charged, twin-tube coil-over shock absorbers, upper- and lower-control arms ("A" arms), stabilizer bar
Rear	Multi-link rear suspension, coil spring, twin-tube shocks (including load-leveling for towing), aluminum lower control arm, independent upper links (tension and camber) and a separate toe link.

STEERING

Type	Power rack-and-pinion
Steering Ratio	18.9:1—on center, 15.7:1—at full lock
Turn Circle	37.1 ft. (11.3 m)
Lock-to-Lock Steering Wheel Rotations	3.67

BRAKES

<b>Front</b>	
Size and Type	12.9 x 1.2 (328 x 30) vented disc with 1.89 (48) two-piston pin-slider caliper and ABS
Swept Area	282 sq. in. (1820 sq. cm)

## 2011 JEEP® GRAND CHEROKEE PRELIMINARY SPECIFICATIONS

### Rear

Size and Type	12.6 x 0.55 (320 x 14) disc with 1.89 (48) single-piston pin-slider caliper and single-channel ABS <sup>(b)</sup>
Swept Area	257 sq. in. (1658 sq. cm)
Power-assist	Single-rate, tandem diaphragm vacuum

<sup>(a)</sup> Turning diameter is measured at the outside of the tires at curb height. Turning diameters and steering wheel turns, lock-to-lock, may differ with optional tires and wheels.

<sup>(b)</sup> Three-channel ABS standard on 4x2. Four-channel ABS standard on 4x4.

### TIRES

Availability	Standard on Grand Cherokee Laredo
Size and Type	P245/70R17 BSW All-Season – OWL Optional
Mfr. and Model	Goodyear Fortera HL
Revs per Mile	685

Availability	Standard on Grand Cherokee Limited
Size and Type	P265/60R18 BSW All-Season
Mfr. and Model	Michelin Latitude Tour
Revs per Mile	691

Availability	Standard on Grand Cherokee Overland; Optional on Limited
Size and Type	P265/50R20 BSW All-Season
Mfr. and Model	Goodyear Fortera HL
Revs per Mile	690

Availability	Optional on Grand Cherokee Limited and Overland
Size and Type	P265/60R18 OWL All-Season
Mfr. and Model	Michelin Latitude Tour
Revs per Mile	691

### WHEELS

Type and Material	Cast-aluminum
Size	Laredo: 17-in. x 8-in., Limited: 18-in. x 8-in., Overland: 20-in x 8-in. (Opt. Limited)

### TRAILER TOWING<sup>(a)</sup>

	Engine	Axle Ratio	Maximum Trailer Weight (b) lbs. (kg)
2WD	3.6-liter V-6	3.06	3500 (1600)
	5.7-liter V-8	3.47	7400 (3400)
4WD	3.6-liter V-6	3.06	3500 (1600)
	5.7-liter V-8	3.47	7200 (3300)

<sup>(a)</sup> All models can tow trailers up to 3,500 pounds with the addition of a trailer hitch. For towing heavier trailers up to the Maximum Trailer Weight Ratings shown in the Trailer Towing chart, the vehicle must be equipped with the Trailer-tow Group Class IV for the 5.7-liter engines for North America.

<sup>(b)</sup> Maximum Trailer Weight = GCWR - Curb Wt. with hitch - 300 lbs. (allowance for driver and passenger) and must be decreased by the weight of optional equipment, cargo and additional passengers. Maximum trailer weights shown are rounded to the nearest 50 lbs. Tongue weight should be 10-15% of loaded trailer weight but may not cause vehicle to exceed GVWR or GAWR. Load equalizing hitch recommended for trailers over 2,000 pounds.