



2018  
GRAND CHEROKEE  
TRACKHAWK



## 2018 Jeep® Grand Cherokee Trackhawk

### SPECIFICATIONS

*Specifications are based on the latest product information available at the time of publication.*

*All dimensions are in inches (millimeters) unless otherwise noted.*

*All dimensions measured at curb weight with standard tires and wheels.*

#### GENERAL INFORMATION

Vehicle Type	Four-door sport-utility vehicle
Assembly Plant	Jefferson Avenue North Assembly Plant, Detroit, Mich.
EPA Vehicle Class	Multipurpose vehicle
Introduction Date	Fourth quarter 2017 as a 2018 model

#### BODY AND CHASSIS

Layout	Front engine, four-wheel drive
Construction	Steel uniframe

#### ENGINE: 6.2-LITER SUPERCHARGED V-8

Availability	Standard
Type and Description	90-degree V-type, liquid-cooled
Displacement	376 cu. in. (6,166 cu. cm)
Bore x Stroke	4.09 x 3.58 (103.9 x 90.9)
Valve System	Pushrod-operated overhead valves, 16 valves with sodium-filled exhaust valves and hollow stem intake valves, 16 conventional hydraulic lifters, all with roller tips
Fuel Injection	Sequential, multiport, electronic, returnless
Construction	Deep-skirt cast-iron block with cross-bolted main bearing caps, unique aluminum alloy heads with hemispherical combustion chambers
Compression Ratio	9.5:1
Power (SAE J2723)	707 hp (527 kW) @ 6,000 rpm
Torque (SAE J2723)	645 lb.-ft. (875 N•m) torque at 4,800 rpm
Max. Engine Speed	6,200 rpm (electronically limited)
Fuel Requirement	Premium 91 octane (R+M)/2 — recommended
Oil Capacity	8.3 quarts (7.9 liters)



2018  
GRAND CHEROKEE  
TRACKHAWK



Factory Oil Fill	0W-40 Pennzoil Ultra synthetic
Coolant Capacity	14.7 quarts (13.9 liters)
Emission Controls	Dual close-coupled three-way catalytic converters heated wide range upstream and switching downstream O <sub>2</sub> sensors and internal engine features. <sup>(a)</sup>
Exhaust Type	Dual 2.75-in. straight-thru exhaust system with quad 4-in. Black Chrome round tips
EPA Fuel Economy mpg (city/hwy)	N/A
Assembly Plant	Saltillo Engine Plant, Saltillo, Mexico

(a) Meets Federal Tier 2 Bin 5 emission requirements and ULEV II requirements in California, Massachusetts, New York, Maine, Vermont, Connecticut, Pennsylvania, Rhode Island, New Jersey, Oregon and Washington.

#### TRANSMISSION: TORQUEFLITE 8HP95 AUTOMATIC, EIGHT-SPEED OVERDRIVE

Availability	Standard
Description	Adaptive electronic control with driver-interactive manual control via steering wheel paddle shifters, and electronically-modulated torque converter clutch with seven available drive modes including: Auto, Sport, Track, Snow, Tow, Eco and Valet
Gear Ratios	
1st	4.71
2nd	3.14
3rd	2.11
4th	1.67
5th	1.29
6th	1.00
7th	0.84
8th	0.67
Reverse	3.30

#### TRANSFER CASE: MP 3015C

Availability	Standard
Type	Single-speed, electronic proportioning
Operating Mode	Full-time four-wheel drive
Torque Split, Front/Rear	Variable – 40/60 Auto, 50/50 Snow, 60/40 Tow, 35/65 Sport and 30/70 Track



2018  
GRAND CHEROKEE  
TRACKHAWK



## AXLES

### Front

Differential Type Conventional

Availability Standard

Ring Gear Diameter 7.7 (195)

Axle Ratios 3.70: 1

### Rear

Differential Type Electronic limited slip

Availability Standard

Ring Gear Diameter (in/mm) 9.1 (230)

Axle Ratios 3.70: 1

## ELECTRICAL SYSTEM

Alternator 220-amp

Battery Maintenance-free H7 700 CCA

## SUSPENSION

Front Short- and long-arm independent (SLA) with aluminum lower control arm, aluminum knuckle, aluminum clevis, coil springs, Bilstein adaptive damping suspension (ADS), upper- and lower-control arms ("A" arms), hollow stabilizer bar

Rear Multi-link rear suspension, coil spring, Bilstein adaptive damping suspension (ADS), aluminum lower control arm, independent upper links (tension and camber) plus a separate toe link, hollow stabilizer bar

## STEERING

Type Electric rack and pinion, SRT-tuned

Overall Ratio 16.5:1

Turning Diameter (curb-to-curb) (ft./m) 38.0 (11.6)

Steering Turns (lock-to-lock) 3.2



2018  
GRAND CHEROKEE  
TRACKHAWK



## BRAKES

Type	Power, single-rate, tandem diaphragm vacuum, anti-lock braking system (ABS)
Availability	Standard
Front	
Rotor size and type	15.75 x 1.42 (400 x 36) two-piece aluminum hat performance rotor, directionally slotted with Brembo six-piston caliper and ABS
Caliper size and type	6 x 40 six-piston fixed caliper
Swept area, (sq. in. / sq. cm)	124.6 (804)
Rear	
Rotor size and type	13.78 x 1.10 (350 x 28) Performance disc, directionally slotted with Brembo four-piston caliper and single-channel ABS
Caliper size and type	4 x 34 four-piston fixed caliper
Swept area, (sq. in. / sq. cm)	79.0 (508)

## DIMENSIONS AND CAPACITIES

Wheelbase	114.7 (2,913.7)
Track, Front	65.7 (1,636)
Track, Rear	64.8 (1,645)
Overall Length	189.8 (4,822)
Overall Width (Width at Mirrors)	84.8 (2,154)
Body Width	76.5 (1,943)
Overall Height (at Roof Rail / at Antenna)	67.9/70.0 (1,724/1,778)
Load Floor Height	32.6 (829)
Sill Step Height	20.7 (527)
Ground Clearance	8.1 (205.4)
Chassis (Fuel Tank)	9.1 (231)
Front Axle	8.97 (227.8)
Rear Axle	8.99 (228.3)
Approach Angle (degrees)	18
Ramp Breakover Angle (degrees)	18.4



2018  
GRAND CHEROKEE  
TRACKHAWK



Departure Angle (degrees)	23.1
Frontal Area sq. ft. (sq. m)	31.5 (2.93)
Drag Coefficient	0.37
Aero CdA	11.75 (Cd x cross-sectional area)
Fuel Tank Capacity, (gallons / (liter)	24.6 (93.1)

#### ACCOMMODATIONS

Seating Capacity (front/rear)	2/3
SAE Total Interior Passenger Volume, (cu. ft. / cu. m)	105.4 (2.98)
Front	
Headroom	39.9 (1,013)
Legroom	40.3 (1,025)
Shoulder Room	58.7 (1,491)
Hip Room	57.0 (1,449)
Seat Travel	11.0 (280)
EPA Front Volume Index (cu. ft. / cu. m)	54.6 (1.55)
Rear	
Headroom	39.2 (995)
Legroom	38.6 (981)
Knee Clearance	4.3 (110)
Shoulder Room	58.0 (1,474)
Hip Room	56.2 (1,428)
EPA Rear Seat Volume Index (cu. ft. / cu. m)	50.8 (1.4)
Maximum Cargo Volume (cu. ft. / cu. m)	68.3 (1.93)
Behind Second-row Seats (cu. ft. / cu. m)	36.3 (1.03)
Total Passenger plus Cargo Volume (cu. ft. / cu. m)	140.5 (3.98)



2018  
GRAND CHEROKEE  
TRACKHAWK



#### WEIGHTS (Estimates)

	MODEL	ENGINE	GVWR <sup>(a)</sup> lbs. (kg)	CURB WEIGHT <sup>(b)</sup> lbs. (kg)	PAYLOAD <sup>(c)</sup> lbs. (kg)
<b>Four-wheel drive</b>	Trackhawk	6.2 liter V-8	6,600	5,363 (2,433)	1,350 (612)

(a) Gross Vehicle Weight Rating.

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

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

#### WEIGHT DISTRIBUTION, F/R

	MODEL	ENGINE	DISTRIBUTION
<b>Four-wheel drive</b>	Trackhawk	6.2-liter V-8	55/45

#### WHEELS

Availability	Standard
Type and Material	Forged aluminum, polished with Titanium II pockets and Satin Chrome center caps
Size (inches)	20 x 10
Availability	Optional
Type and Material	Lightweight forged aluminum, Low Gloss Black with Low Gloss Black center cap
Size (inches)	20 x 10



2018  
GRAND CHEROKEE  
TRACKHAWK



## TIRES

Availability	Standard
Size and Type	P295/45ZR20
Mfr. and Model	Pirelli Scorpion Verde — All-season Performance (run flat)
Revs per Mile	682
Availability	Optional
Size and Type	P295/45ZR20
Mfr. and Model	Pirelli P-Zero — Three-season (run flat)
Revs per Mile	685
Parking Brake Type	Drum-in-hat
Four-wheel Anti-lock Brakes	Standard
Electronic stability control	Standard
All-speed traction control	Standard
Brake Assist	Standard

## TRAILER TOWING

	ENGINE	AXLE RATIO	MAXIMUM TRAILER WEIGHT LBS. (KG)
Four-wheel drive	6.2-liter V-8	3.70	7,200 (3266)

+++