



2018 JEEP® WRANGLER JK
**CANADIAN
SPECIFICATIONS**

FCA CANADA

**2018 Jeep® Wrangler JK
CANADIAN SPECIFICATIONS**

*Specifications are based on the latest product information available at the time of publication.
All dimensions are in millimetres (inches) unless otherwise noted.
All dimensions measured at curb weight with standard tires and wheels.*

GENERAL INFORMATION

| | |
|-------------------------|---|
| Vehicle Type | Sport-utility vehicle |
| Assembly Plant | Toledo Supplier Park, Toledo, Ohio, USA |
| EnerGuide Vehicle Class | Multipurpose vehicle |
| Introduction Date | 2007 |

BODY/CHASSIS

| | |
|--------------|---|
| Layout | Longitudinal front engine, four-wheel drive |
| Construction | Ladder-type frame, open steel body |

ENGINE: 3.6-LITRE PENTASTAR V-6

| | |
|--|---|
| Availability | Standard — all models |
| Type and Description | 60-degree, V-type, liquid-cooled |
| Displacement (cu. in. / cc) | 220 cu. in. (3604 cu. cm) |
| Bore x Stroke | 3.78 x 3.27 (96 x 83) |
| Valve System | Chain-driven DOHC, 24 valves and hydraulic end-pivot roller rockers |
| Fuel Injection | Sequential, multiport, electronic, returnless |
| Construction | Aluminum deep-skirt block, aluminum alloy heads |
| Compression Ratio | 10.2:1 |
| Power (SAE net) (hp / kW@rpm) | 285 hp (209 kW) at 6,400 rpm |
| Torque (SAE net) (lb.-ft. / N•m) | 260 lb.-ft. (353 N•m) at 4,800 rpm |
| Max. Engine Speed (rpm) | 6,600 rpm (electronically limited) |
| Fuel Requirement | Unleaded regular, 87 octane (R + M)/2 |
| Fuel Tank Capacity Litres (Imperial gallons) | 70.4 (15.5) |
| Oil Capacity | 6.0 quarts (5.7 litres) |



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|--|---|
| Coolant Capacity | 14 quarts (13.25 litres) |
| Emission Controls | Dual three-way catalytic converters, heated oxygen sensors and internal engine features |
| EnerGuide Fuel Consumption Ratings L/100km (imp. mpg) (city/hwy/combined) | TBD — automatic (2-door) |
| | TBD — manual (2-door) |
| | TBD — automatic (4-door) |
| | TBD — manual (4-door) |

Based on 2018 EnerGuide fuel consumption ratings. Government of Canada test methods used. Your actual fuel consumption will vary based on driving habits and other factors. For EnerGuide information please visit the government of Canada website www.vehicles.nrcan.gc.ca

| | |
|-----------------------|---|
| Engine Assembly Plant | Trenton South Engine Plant, Trenton, Mich., USA |
|-----------------------|---|

TRANSMISSION: W5A580 AUTOMATIC, FIVE-SPEED OVERDRIVE

| | |
|-----------------------|---|
| Availability | Optional — all models |
| Description | Adaptive electronic control or Electronic Range Select (ERS) driver-interactive manual control and electronically modulated torque converter clutch |
| Gear Ratios Automatic | |
| 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: NSG 370 MANUAL, SIX-SPEED WITH OVERDRIVE

| | |
|--------------|---|
| Availability | Standard — all models |
| Description | Synchronized in all forward gears and Reverse, multi-rail shift system with top-mounted shift lever |
| Clutch | Hydraulic actuation |
| Gear Ratios | |
| 1st | 4.46 |



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|-------------------|---|
| 2nd | 2.61 |
| 3rd | 1.72 |
| 4th | 1.25 |
| 5th | 1 |
| 6th | 0.797 |
| Reverse | 4.06 |
| Final Drive ratio | 3.21 standard, 3.73 optional (4.10 Rubicon) |
| Overall Top Gear | 2.53 standard, 2.95 optional (3.24 Rubicon) |

TRANSFER CASE: NV241 COMMAND-TRAC

| | |
|--------------------------|---|
| Available | Standard — Sport, Sport S, Willys Wheeler, and Sahara |
| Type | Part-time |
| Operating Modes | 2WD High; 4WD High; Neutral; 4WD Low |
| Centre Differential Type | None |
| Low Range Ratio | 2.72:1 |

TRANSFER CASE: NV241OR ROCK-TRAC

| | |
|--------------------------|---|
| Available | Standard — Rubicon |
| Type | Part-time |
| Operating Modes | 2WD High; 4WD High; Neutral; 4WD Low |
| Centre Differential Type | None |
| Low Range Ratio | 4.0:1 |
| Axle Ratio | 3.21 standard, 3.73 optional (3.73 standard Rubicon with automatic) 4.10 standard Rubicon with manual (optional for automatic) |
| Overall Top-gear | 2.53 standard, 2.95 optional (2.95 standard Rubicon with automatic) 3.24 standard Rubicon with manual (optional for automatic) |

AXLES

| | |
|-------------------|--|
| Front | Dana 30, Dana 44 on Rubicon models |
| Differential Type | Open (Dana 30) or Tru-Lok electronic locking (Dana 44) |
| Axle Ratios | 3.21, 3.73, 4.10 |
| Rear | Dana 44 |



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|-------------------|---|
| Differential Type | Open (Sport, Sport S, Willys Wheeler, and Sahara) with available Trac-Lok anti-spin, Tru-Lok electronic locking (Rubicon) |
| Axle Ratios | 3.21, 3.73, 4.10 |

ELECTRICAL SYSTEM

| | |
|------------|---------------------------|
| Alternator | 160 amp |
| Battery | 600 CCA, maintenance free |

SUSPENSION

| | |
|----------------|---|
| Front | Live axle, link coil, leading arms, track bar, coil springs, stabilizer bar |
| Stabilizer bar | Electronic Sway-Bar Disconnect System — standard, Rubicon |

| | |
|------------|--|
| Shock type | Low-pressure (on 16-in. wheel packages) gas-charged shock absorbers — standard |
| | Monotube high-pressure (on 17- and 18-in. wheel packages) gas-charged shock absorbers — standard |
| Rear | Live axle, link coil, trailing arms, track bar, coil springs, stabilizer bar |
| Shock type | Low-pressure (on 16-in. wheel packages) gas-charged shock absorbers — standard |
| | Monotube high-pressure (on 17- and 18-in. wheel packages) gas-charged shock absorbers — standard |

STEERING

| | |
|---|--|
| Type | Power, recirculating ball with damper |
| Overall Ratio | 16.7:1 overall |
| Turning Diameter (curb-to-curb) (ft./m) | 34.6 (10.5) 2-door / 40.8 (12.43) 4-door |
| Steering Turns (lock-to-lock) | 3.5 |
| P/S pump | Hydraulic |

BRAKES

| | |
|--------------|--|
| Type | Power-assisted, anti-lock braking system |
| Availability | Standard |



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|-----------------------|---|
| Front | |
| Rotor size and type | 11.9 x 1.1 (302 x 28) vented rotor |
| Caliper size and type | 10 (254) single-diaphragm vacuum |
| Rear | |
| Rotor size and type | 11.9 x 1.1 (302 x 28) vented rotor |
| Caliper size and type | 2.6 (66) single-piston floating caliper |

DIMENSIONS AND CAPACITIES

| | |
|--------------------------------------|--|
| Wheelbase | 95.4 (2,423.1) 2-door, 116 (2,947.2) – 4-door |
| Overhang — Front | 26.7 (679.2) |
| Overhang — Rear | 30.6 (777.9) |
| Track — Front | 61.9 (1,572.3) |
| Track — Rear | 61.9 (1,572.3) |
| Overall Length (includes spare tire) | 164.3 (4,173.2) – 2-door, 184.9 (4,696.5) – 4-door |
| Overall Width | 73.7 (1,872.9) |
| Overall Height | 72.6 (1,844.0) |
| Liftover Height | 27.8 (706.1) |
| Cargo Width at Swing-Gate Opening | 58.7 (1,491.0) |
| Cargo Height at Swing-Gate Opening | 37.1 (942.3) |
| Load Floor Height | 27.8 (706.1) |

CLEARANCES

| | P225/75R16 Standard on Sport | P255/75R17 Optional on Sport | P255/70R18 Standard on Sahara | LT255/75R17 Standard on Rubicon, Optional on Sport |
|---------------------------|------------------------------------|------------------------------------|-------------------------------------|--|
| Approach Angle (degrees) | 38.5 | 41.3 | 41.7 | 42.2 |
| Breakover Angle (degrees) | 17.8 | 20.4 | 20.7 | 21.2 |
| Departure Angle (degrees) | 29.2 | 31.8 | 32.1 | 32.5 |
| Ground Clearance (inches) | 8.2 | 9.5 | 9.7 | 10 |



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CURB WEIGHT

| | |
|---|---------------|
| Wrangler Sport, Manual Transmission (lbs./kg) | 4,075 (1,848) |
| Wrangler Sport, Automatic Transmission (lbs./kg) | 4,100 (1,860) |
| Wrangler Sahara, Manual Transmission (lbs./kg) | 4,269 (1,936) |
| Wrangler Sahara, Automatic Transmission (lbs./kg) | 4,294 (1,948) |
| Wrangler Rubicon, Manual Transmission (lbs./kg) | 4,315 (1,957) |
| Wrangler Rubicon, Automatic Transmission (lbs./kg) | 4,340 (1,969) |

ACCOMMODATIONS

| | |
|--|--|
| Seating Capacity (front/rear) | 2/2 – 2-door, 2/3 – 4-door |
| SAE Total Interior Passenger Volume, (cu. ft. / litres) | 104 (2,940) |
| Front | |
| Headroom | 41.3 (1,048.4) |
| Legroom | 41.0 (1,041.4) |
| Shoulder Room | 55.8 (1,416.7) |
| Hip Room | 55.6 (1,412.8) |
| Seat Travel | 9.4 (239.5) |
| EPA Front Volume Index | 54.6 (1,546) |
| Rear | |
| Headroom | 40.4 (1,025.4) |
| Legroom | 35.6 (904.2) – 2-door, 37.2 (1,041.4) – 4-door |
| Knee Clearance | 61.6 (1,565.9) |
| Shoulder Room | 56.8 (1,443.1) |
| Hip Room | 44.7 (1,135.3) – 2-door, 56.7 (1,440) – 4-door |
| EPA Rear Seat Volume Index (cu. ft. / litres) | 48.3 (1,368) – 2-door / 49.4 (1,399) – 4-door |
| Liftover Height | 27.8 (706) – 2-door / 31.4 (798.3) – 4-door |
| Maximum Cargo Width at Liftgate Opening | 58.7 (1,491.0) |



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|---|----------------|
| Minimum Cargo Width at Liftgate Opening | 41.2 (1,046.5) |
| Maximum Cargo Height at Liftgate Opening | 37.1 (942.3) |
| Minimum Cargo Height at Liftgate Opening | 37.0 (939.8) |
| Distance between Wheelhouse Interior Trim | 44.7 (1,135.4) |
| SAE Cargo Volume | |
| Rear Seat Folded | 70.6 (1,999) |
| Rear Seat Upright | 31.5 (892) |
| Total Passenger plus Cargo Volume, (cu. ft. / litres) | 150.4 (4,259) |

WHEELS

| | |
|-------------------|--|
| Availability | Standard (4-door) |
| Type and Material | Painted steel, available Low Gloss Black painted |
| Size | 16 x 7.0 in. |

| | |
|-------------------|------------------------------------|
| Availability | Standard (4-door) |
| Type and Material | Painted and polished cast-aluminum |
| Size | 18 x 7.5 in. |

| | |
|-------------------|------------------------------------|
| Availability | Standard (4-door) |
| Type and Material | Painted and polished cast-aluminum |
| Size | 17 x 7.5 in. |

TIRES

| | |
|--------------------|---|
| Availability | Standard |
| Size and Type | P225/75R16, on/off-road, black sidewall |
| Mfr. and Model | Goodyear Wrangler ST |
| Revs per Mile (km) | 712 (441) |

| | |
|---------------|------------------------------|
| Availability | Available |
| Size and Type | P245/75R16, on/off-road, OWL |



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| Mfr. and Model | Bridgestone Dueler A/T Revo2 |
| Revs per Mile (km) | 684 (424) |
| Availability | Standard |
| Size and Type | P255/70R18, on/off-road, OWL |
| Mfr. and Model | Bridgestone Dueler 693 |
| Revs per Mile (km) | 653 (404) |
| Availability | Available |
| Size and Type | P255/75R17 |
| Mfr. and Model | Goodyear Wrangler SR-A |
| Revs per Mile (km) | 649 (401) |
| Availability | Standard |
| Size and Type | LT255/75R17, on/off-road, black sidewall |
| Mfr. and Model | BF Goodrich Mud Terrain |
| Revs per Mile (km) | 650 (403) |
| Parking Brake Type | Drum-in-hat |
| Four-wheel Anti-lock Brakes | Standard |
| Electronic Stability Control | Standard |
| All-speed Traction Control | Standard |

TOWING CAPACITIES

WRANGLER SPORT 4WD (4-door)

| Engine | Trans Type | Transmission | Axle Ratio | Payload | Base Wt. | Base Wt. Front | Base Wt. Rear | GAWR Front | GAWR Rear | GCWR | Max Trailer |
|-------------------------|------------|-------------------------------|------------|---------|----------|----------------|---------------|------------|-----------|------|-------------|
| 3.6-litre V-6 gas (EGT) | M6 | NSG370 6-speed Manual (DEH) | 3.21 | 1000 | 4277 | 2238 | 2039 | 2775 | 3200 | 6427 | 2000 |
| 3.6-litre V-6 gas (EGT) | M6 | NSG370 6-speed Manual (DEH) | 3.73 | 1000 | 4277 | 2238 | 2039 | 2775 | 3200 | 7927 | 3500 |
| 3.6-litre V-6 gas (EGT) | A5 | WA580 5-speed Automatic (DGL) | 3.21 | 1000 | 4921 | 2237 | 2054 | 2775 | 3200 | 6441 | 2000 |
| 3.6-litre V-6 gas (EGT) | A5 | WA580 5-speed Automatic (DGL) | 3.73 | 1000 | 4291 | 2237 | 2054 | 2775 | 3200 | 7941 | 3500 |

1. GCWR = Base Weight + Maximum Trailer Weight + 150 lbs. for driver.



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WRANGLER SAHARA 4WD (4-door)

| Engine | Trans Type | Transmission | Axle Ratio | Payload | Base Wt. | Base Wt. Front | Base Wt. Rear | GAWR Front | GAWR Rear | GCWR | Max Trailer |
|-------------------------|------------|-------------------------------|------------|---------|----------|----------------|---------------|------------|-----------|------|-------------|
| 3.6-litre V-6 gas (EGT) | M6 | NSG370 6-speed Manual (DEH) | 3.21 | 880 | 4397 | 2273 | 2124 | 2775 | 3200 | 6547 | 2000 |
| 3.6-litre V-6 gas (EGT) | M6 | NSG370 6-speed Manual (DEH) | 3.73 | 880 | 4397 | 2273 | 2124 | 2775 | 3200 | 8047 | 3500 |
| 3.6-litre V-6 gas (EGT) | A5 | WA580 5-speed Automatic (DGL) | 3.21 | 880 | 4411 | 2272 | 2139 | 2775 | 3200 | 6561 | 2000 |
| 3.6-litre V-6 gas (EGT) | A5 | WA580 5-speed Automatic (DGL) | 3.73 | 880 | 4411 | 2272 | 2139 | 2775 | 3200 | 8061 | 3500 |

1. GCWR = Base Weight + Maximum Trailer Weight + 150 lbs. for driver.

WRANGLER RUBICON 4WD (4-door)

| Engine | Trans Type | Transmission | Axle Ratio | Payload | Base Wt. | Base Wt. Front | Base Wt. Rear | GAWR Front | GAWR Rear | GCWR | Max Trailer |
|-------------------------|------------|-------------------------------|------------|---------|----------|----------------|---------------|------------|-----------|------|-------------|
| 3.6-litre V-6 gas (EGT) | M6 | NSG370 6-speed Manual (DEH) | 4.10 | 892 | 4521 | 2352 | 2170 | 2775 | 3200 | 8171 | 3500 |
| 3.6-litre V-6 gas (EGT) | A5 | WA580 5-speed Automatic (DGV) | 3.73 | 892 | 4535 | 2350 | 2185 | 2775 | 3200 | 8185 | 3500 |
| 3.6-litre V-6 gas (EGT) | A5 | WA580 5-speed Automatic (DGV) | 4.10 | 892 | 4535 | 2350 | 2185 | 2775 | 3200 | 8185 | 3500 |

1. GCWR = Base Weight + Maximum Trailer Weight + 150 lbs. for driver.

