All-new 2018 Jeep® Wrangler

**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.*

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| **General Information** |  |
| Vehicle Type | Sport-utility vehicle |
| Assembly Plant | Toledo Supplier Park, Toledo, Ohio |
| EPA Vehicle Class | Multipurpose vehicle |
| Introduction Date | 2017  |
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| **BODY/CHASSIS** |  |
| Layout | Longitudinal front engine, four-wheel drive |
| Construction | Ladder-type frame, open steel and aluminum body |
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| **Engine: 3.6-LITER PENTASTAR V-6** |
| Availability | Standard — all models |
| Type and Description | 60-degree, V-type, liquid-cooled |
| Displacement (cu. in. / cc) | 220 cu. in. (3,604 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 | 11.3:1 |
| 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 (gallons) | 18.5 (2-door), 21.5 (4-door) |
| Oil Capacity  | 5.0 quarts (4.7 liters) |

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| Coolant Capacity  | 10 quarts (10.1 liters) |
| Emission Controls  | Dual three-way catalytic converters, heated oxygen sensorsand internal engine features |
| Max. Gross Trailer Weight | 2,000 lbs. (2-door), 3,500 lbs. (4-door) |
| EPA Fuel Economy mpg (city/hwy/combined) | 18/23/20 — automatic |
| 17/23/19 — manual |
| Assembly Plant  | Saltillo South Engine Plant, Saltillo, Coahuila, Mexico |
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| **Engine: 2.0-LITER TURBO I-4**  |
| Availability | Available — all models |
| Type and Description | I-4 16-valve with direct injection, turbo charging, with throttled, cooled EGR |
| Displacement (cu. in. / cc) | 121 cu. in. (1995 cu. cm) |
| Bore x Stroke  | 3.31 x 3.54 (84 x 90) |
| Valve System | Chain-driven DOHC, 16 valves |
| Fuel Injection | Direct Injection  |
| Construction | Aluminum block, aluminum alloy heads  |
| Compression Ratio | 10:01 |
| Power (SAE net) (hp / kW@rpm) | 270 hp (200 kW) at 5,250 rpm |
| Torque (SAE net) (lb.-ft. / N•m) | 295 lb.-ft. (400 N•m) at 3,000 rpm |
| Max. Engine Speed (rpm) | 5,800 rpm (electronically limited)  |
| Fuel Requirement | Minimum unleaded regular, 87 octane (R + M)/2, 91 octane or higher recommended for optimum fuel economy and performance |
| Fuel Tank Capacity (gallons) | 18.5 (2-door), 21.5 (4-door) |
| Oil Capacity  | 5 quarts (4.7 liters) |
| Coolant Capacity  | 9.9 quarts (9.4 liters)  |
| Emission Controls  | GPEC4 engine-management system with close-coupled catalyst; and wide range O2 sensor |
| Max. Gross Trailer Weight | 2,000 lbs. (2-door), 3,500 lbs. (4-door) |
| EPA Fuel Economy mpg (city/hwy/combined) | TBD — automatic (2-door) |
| TBD — automatic (4-door) |
| Assembly Plant | Termoli, Italy and Trenton South Engine Plant, Trenton, Mich. |
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| **Transmission: 850RE automatic, Eight-speed overdrive** |
| Availability | Standard — 2.0-liter I-4Optional — 3.6-liter V-6  |
| Description | Adaptive electronic control or Electronic Range Select (ERS)driver-interactive manual control and electronically modulatedtorque converter clutch |
| Gear Ratios  |  |
| 1st | 4.71 |
| 2nd | 3.13 |
| 3rd | 2.10 |
| 4th | 1.67 |
| 5th | 1.28 |
| 6th | 1.00 |
| 7th | 0.84 |
| 8th | 0.67 |
| Reverse | 3.53 |
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| **TRANSMISSION: D478 MANUAL, SIX-SPEED WITH OVERDRIVE** |
| Availability | Standard — 3.6-liter V-6 |
| Description | Synchronized in all forward gears and Reverse, multi-rail shift system with top-mounted shift lever |
| Gear Ratios |  |
| 1st | 5.13 |
| 2nd | 2.63 |
| 3rd | 1.53 |
| 4th | 1.00 |
| 5th | 0.81 |
| 6th | 0.72 |
| Reverse | 4.49 |
| Final Drive ratio | 3.45 standard, 3.73 optional (4.10 Rubicon) |
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| **TRANSFER CASE: NV241 command-trac** |
| Available | Standard — Sport and Sahara |
| Type | Part-time |
| Operating Modes | 2WD High; 4WD High; Neutral; 4WD Low |
| Low Range Ratio | 2.72:1 |
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| **TRANSFER CASE: NV241OR Rock-trac** |
| Available | Standard — Rubicon |
| Type | Part-time |
| Operating Modes | 2WD High; 4WD High; Neutral; 4WD Low |
| Low Range Ratio | 4.0:1 |
| Axle Ratio  | 3.45 standard, 3.73 standard on diesel  |
| 4.10 standard Rubicon |
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| **TRANSFER CASE: MP3022 Selec-Trac** |
| Available  | Optional – Sahara |
| Type | Full-time |
| Operating Modes | 2WD High; 4WD High; Neutral; 4WD Low |
| Low Range Ratio | 4.0:1 |
| Axle Ratio  | 3.45 standard,  |
| 4.10 standard Rubicon with manual (optional for automatic) |
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| **Axles** |  |
| Front  | Dana 30, Dana 44 on Rubicon models |
| Differential Type | Open (Dana 30) or Tru-Lok electronic locking (Dana 44) |
| Axle Ratios  | 3.45, 3.73, 4.10 |
| Rear  | Dana 35, Dana 44 on Rubicon models |
| Differential Type | Open (Sport and Sahara) with available Trac-Lok anti-spin, Tru-Lok electronic locking (Rubicon) |
| Axle Ratios  | 3.45, 3.73, 4.10 |
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| **Electrical System** |  |
| Alternator (standard) | 160 amp |
| Battery | 600 CCA, maintenance free  |
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| **Suspension** |  |
| Front | Solid axle, link coil, leading arms, track bar, coil springs, stabilizer bar |
| Stabilizer bar | Electronic sway-bar disconnect system — standard, Rubicon |
| Shock type | Sport: Gas charged twin tube shock absorbers with full displacement Multi-Tuned Valve (MTV) technology |
| Sahara: High pressure gas charged monotube shock absorbers with MTV technology |
| Rubicon: High pressure gas charged monotube shock absorbers with MTV technology and hydraulic rebound stop |
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| Rear | Solid axle, link coil, trailing arms, track bar, coil springs, stabilizer bar |
| Shock type | Sport: Gas charged twin tube shock absorbers with full displacement MTV technology |
| Sahara: High pressure gas charged monotube shock absorbers with MTV technology |
| Rubicon: High pressure gas charged monotube shock absorbers with MTV technology and hydraulic rebound stop |
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| **STEERING** |  |
| Type | Electro-hydraulic Power |
| Overall Ratio | 17.4:1 – 2-door, 15.6:1 – 4-door |
| Turning Diameter (curb-to-curb) (ft./m) | 34.5 2-door, 40.8 4-door  |
| Steering Turns (lock-to-lock) | 3.6 -2-door, 3.2 4-door |
| P/S pump | Electro-Hydraulic |
|  |  |
| **BRAKES** |  |
| Type | Power-assisted, anti-lock braking system  |
| Availability | Standard |
| Front |  |
| Rotor size and type | 12.9 x .94 (330 x 24) vented rotor – Sport12.9 x 1.1 (330 x 28) vented rotor – Sahara and Rubicon  |
| Caliper size and type | 1.88 (48) twin-piston floating caliper – Sport2 (51) twin-piston floating caliper – Sahara and Rubicon  |
| Rear |  |
| Rotor size and type | 12.9 x .47 (328 x 12) solid rotor – Sport 13.4 x .55 (342 x 14) solid rotor – Sahara and Rubicon |
| Caliper size and type | 1.77 (45) single-piston floating caliper – Sport 1.88 (48) single-piston floating caliper – Sahara and Rubicon |
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| **Dimensions and Capacities** |  |
| Wheelbase | 2-door 96.8 (2,460), 4-door 118.4 (3,008)  |
| Overhang — Front  | 29.2 (741.6) |
| Overhang — Rear | 40.8 (1,036.3) |
| Track — Front | 62.9 (1,598) |
| Track — Rear | 62.9 (1,598) |
| Overall Length (includes spare tire) | 166.8 (4,237) – 2-door, 188.4 (4,785) – 4-door |
| Overall Width | 73.8 (1,875) |
| Overall Height | 73.6 (1,868.4) |
| Liftover Height  | 29.7 (756.4) |
| Cargo Width at Swing-Gate Opening | 41.1 (1,052) |
| Cargo Height at Swing-Gate Opening | 36 (942.3) |
| Load Floor Height | 30 (762.1) |
|  |  |
| **CLEARANCES** |  |
|  | **245/75R17 Standard on Sport** | **255/70R18Standard on Sahara** | **LT28570R17Standard on Rubicon** |
| Approach Angle (degrees) | 41.4 | 41.8 | 44 (2-door)43.9 (4-door) |
| Breakover Angle (degrees) | 25 (2-door)20.3 (4-door) | 21  | 27.8 (2-door)22.6 (4-door) |
| Departure Angle (degrees) | 35.9 (2-door)36.1 (4-door) | 36.1 | 37  |
| Ground Clearance (inches) | 9.7 | 10 | 10.8 |
| \*measurements the same for both 2- and 4-door models unless specified  |
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| **CURB WEIGHT** | **2.0-liter (2- and 4-door)** | **3.6-liter (2- and 4-door)** |
| **Wrangler Sport** |  |  |
| Automatic Transmission (lbs./kg) | 4,010 (1,819) / 4,320 (1,960) | 3,955 (1,794) / 4,200 (1,905) |
| Manual Transmission (lbs./kg) | N/A | 3,970 (1,801) / 4,215 (1,912) |
| **Wrangler Sahara** |  |  |
| Automatic Transmission (lbs./kg) | 4,380 (1,987) | 4,345 (1,971) |
| Manual Transmission (lbs./kg) | N/A | N/A |
| **Wrangler Rubicon** |  |  |
| Automatic Transmission (lbs./kg) | 4,175 (1,894) / 4,485 (2,034) | 4,145 (1,880) / 4,455 (2,021) |
| Manual Transmission (lbs./kg) | N/A | N/A |
| \*weights differ by transmission called out |
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| **Accommodations** |  |
| Seating Capacity (front/rear)  | 2/2 – 2-door, 2/3 – 4-door |
| SAE Total Interior Passenger Volume, (cu. ft. / cu. m) | 103.7 (2.94) |
| Front |  |
| Headroom | 40.7 (1,036) hardtop / 42.6 (1,083) soft top |
| Legroom | 41.2 (1,038) |
| Shoulder Room | 55.7 (1,417) |
| Hip Room | 53.9 (1,370) |
| Seat Travel | 8.1 (206) |
| EPA Front Volume Index | 53.8 (1.52)  |
| Rear |  |
| Headroom | 40.2 (1,023) hardtop, 41.7 (1,059) soft top |
| Legroom | 35.7 (904.2) – 2-door, 38.3 (974) – 4-door |
| Knee Clearance | 61.6 (1,565.9) |
| Shoulder Room | 57.7 (1,458) – 2-door, 55.7 (1,417) – 4-door |
| Hip Room | 45 (1,143) – 2-door, 56.7 (1,440) – 4-door |
| EPA Rear Seat Volume Index (cu. ft. / cu. m)  | 49.9 (1.40) |
| Liftover Height | 29.7 (756.4) |
| Maximum Cargo Width at Liftgate Opening | 47.9 (1,218.7) |
| Minimum Cargo Width at Liftgate Opening | 41.1 (1,052) |
| Maximum Cargo Height at Liftgate Opening | 36.0 (942.3) |
| Minimum Cargo Height at Liftgate Opening | 35.7 (907.8) |
| Distance between Wheelhouse Interior Trim | 45.0 (1143) |
| SAE Cargo Volume |  |
| Rear Seat Folded | 72.4 cu. ft. (2.05) |
| Rear Seat Upright | 31.7 cu. ft. (0.89) |
| Total Passenger plus Cargo Volume, (cu. ft. / cu. m) | 150.4 cu. ft. |
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| **WHEELS** |  |
| Availability | Standard (Sport)  |
| Type and Material | Painted steel, Low Gloss Black painted  |
| Size | 17 x 7.5 in. |
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| Availability | Standard (Sport S)  |
| Type and Material | Fully painted cast-aluminum with High Gloss Tech Silver  |
| Size | 17 x 7.5 in. |
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| Availability | Optional (Sport S)  |
| Type and Material | Painted and polished cast-aluminum with Low Gloss Granite Crystal  |
| Size | 17 x 7.5 in. |
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| Availability | Standard (Sahara)  |
| Type and Material | Painted spokes with polished cast-aluminum |
| Size | 18 x 7.5 in. |
|  |  |
| Availability | Optional (Sahara)  |
| Type and Material | Painted High Gloss Technical Gray with polished cast-aluminum |
| Size | 18 x 7.5 in. |
|  |  |
| Availability | Standard (Rubicon)  |
| Type and Material | Painted pocket with Mid-Gloss paint and polished cast-aluminum |
| Size | 17 x 7.5 in. |
|  |  |
| Availability | Optional (Rubicon)  |
| Type and Material | Painted pocket with Mid-Gloss paint and polished cast-aluminum  |
| Size | 17 x 7.5 in. |
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| **TIRES** |  |
| Availability | Standard (Sport) |
| Size and Type  | P245/75R17, on/off-road, black sidewall |
| Mfr. and Model | Michelin LTX MS2, Bridgestone Dueler HT 685, Bridgestone Dueler AT RH-S, Goodyear Wrangler Adventure AT |
| Revs per Mile (km) | 665 (413) – Michelin LTX MS2 |
| 661 (411) – Bridgestone Dueler HT 685 & AT RH-S |
| 668 (415) – Goodyear Wrangler Adventure AT |
|  |  |
| Availability | Standard (Sahara)  |
| Size and Type | P255/70R18, on/off-road, OWL |
| Mfr. and Model | Bridgestone Dueler HT 685, Bridgestone Dueler AT RH-S, Goodyear Wrangler Adventure AT |
| Revs per Mile (km) | 649 (403)  |
|  |  |
| Availability | Standard (Rubicon)  |
| Size and Type | LT285/70R17C, on/off-road, black sidewall |
| Mfr. and Model | BF Goodrich KO2 All-Terrain |
| Revs per Mile (km)  | 645 (401)  |
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| Four–wheel anti-lock brakes | Standard |
| Electronic stability control | Standard |
| All-speed traction control | Standard |

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| **Towing Capacities** |
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| **WRANGLER SPORT (4-door)** |
| **Engine** | **TransType** | **Transmission** | **AxleRatio** | **Payload** | **Base Wt.** | **Base Wt.Front** | **Base Wt.Rear** | **GAWRFront** | **GAWRRear** | **GCWR** | **Max Trailer** |
| 3.6-liter V-6 gas | M6 | D478 6-speed manual  | 3.45 | 1000 | 4201 | 2226 | 1974 | 2700 | 3000 | 8117 | 3500 |
| 3.6-liter V-6 gas  | A8 | 850RE 8-speed automatic | 3.45 | 1000 | 4215 | 2240 | 1974 | 2700 | 3000 | 8117 | 3500 |
| 2.0-liter I-4 gas | A8 | 850RE 8-speed automatic  | 3.45 | 1000 | 4336 | 2298 | 2038 | 2700 | 3000 | 8117 | 3500 |
| GCWR = Base Weight + Maximum Trailer Weight + 150 lbs. for driver. |

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| **WRANGLER SAHARA (4-door)** |
| **Engine** | **TransType** | **Transmission** | **AxleRatio** | **Payload** | **Base Wt.** | **Base Wt.Front** | **Base Wt.Rear** | **GAWRFront** | **GAWRRear** | **GCWR** | **Max Trailer** |
| 3.6-liter V-6 gas  | M6 | D478 6-speed manual  | 3.45 | 880 | 4331 | 2289 | 2042 | 2700 | 3000 | 10836 | 3500 |
| 3.6-liter V-6 gas  | A8 | 850RE 8-speed automatic  | 3.45 | 880 | 4345 | 2303 | 2042 | 2700 | 3000 | 10836 | 3500 |
| 2.0-liter I-4 gas | A8 | 850RE 8-speed automatic  | 3.45 | 880 | 4376 | 2319 | 2056 | 2700 | 3000 | 10836 | 3500 |
| GCWR = Base Weight + Maximum Trailer Weight + 150 lbs. for driver. |
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| **WRANGLER RUBICON (4-door)** |
| **Engine** | **TransType** | **Transmission** | **AxleRatio** | **Payload** | **Base Wt.** | **Base Wt.Front** | **Base Wt.Rear** | **GAWRFront** | **GAWRRear** | **GCWR** | **Max Trailer** |
| 3.6-liter V-6 gas  | M6 | D478 6-speed manual  | 4.10 | 892 | 4439 | 2346 | 2093 | 3100 | 3100 | 11063 | 3500 |
| 3.6-liter V-6 gas | A8 | 850RE 8-speed automatic  | 4.10 | 892 | 4453 | 2360 | 2093 | 3100 | 3100 | 11063 | 3500 |
| 2.0-liter I-4 gas | A8 | 850RE 8-speed automatic  | 4.10 | 892 | 4484 | 2376 | 2107 | 3100 | 3100 | 11063 | 3500 |
| GCWR = Base Weight + Maximum Trailer Weight + 150 lbs. for driver. |

