

## FCA CANADA

### All-new 2017 Jeep® Compass

## 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

|                   |                             |
|-------------------|-----------------------------|
| Body Style        | Sport Utility Vehicle (SUV) |
| Assembly Plant    | Toluca, Mexico              |
| EPA Vehicle Class | Multipurpose vehicle        |

### BODY AND CHASSIS

|              |                                      |
|--------------|--------------------------------------|
| Layout       | Transverse front engine, 4x2 and 4x4 |
| Construction | Steel uniframe                       |

### ENGINE: 2.4-LITRE TIGERSHARK WITH MULTIAIR

|                              |   |
|------------------------------|---|
| Availability                 | Standard — All Models   |
| Type and Description         | In-line four-cylinder, 16-valve MultiAir with multiport fuel injection                                    |
| Displacement                 | 2,360 cc (144 cu. in.)  |
| Bore x Stroke                | 88 x 97 (3.46 X 3.82)   |
| Valve System                 | SOHC, four valves per cylinder  |
| Fuel Injection               | Sequential, multiport, electronic, returnless   |
| Construction                 | Aluminum block, aluminum cylinder head  |
| Compression Ratio            | 10:1  |
| Power (SAE net)              | 180 hp (134 kW) @ 6,400 rpm   |
| Torque (SAE net)             | 175 lb.-ft. (237 N•m) @ 3,900 rpm   |
| Max. Engine Speed            | 6,400 rpm   |
| Fuel Requirement             | Unleaded regular, 87 octane   |
| Oil Capacity                 | 5.2 litres (5.5 quarts) (total)   |
| Coolant Capacity             | 6.45 litres (6.8 quarts)  |
| Emission Controls            | Single catalytic converter, heated wide band lambda sensor upstream and mid-catalyst heated oxygen sensor |
| Fuel Economy* city / highway | N/A   |
| Towing                       | 907 kg (2,000 lbs.) (not recommended for 4x2)   |
| Engine Assembly Plant        | Saltillo Engine Plant, Saltillo, Mexico   |

**TRANSMISSION: 9HP48 NINE-SPEED AUTOMATIC**

|                   |   |
|-------------------|---|
| Availability      | 2.4-litre Tigershark engine with MultiAir (4x4) |
| Description       | Planetary gear train, transverse layout         |
| Ratio Spread      | 9.81  |
| Gear Ratios       |   |
| 1st               | 4.71  |
| 2nd               | 2.84  |
| 3rd               | 1.91  |
| 4th               | 1.38  |
| 5th               | 1.00  |
| 6th               | 0.81  |
| 7th               | 0.70  |
| 8th               | 0.58  |
| 9th               | 0.48  |
| Reverse           | 3.81  |
| Final-drive Ratio | 3.734   |
|                   | 4.334 (Trailhawk)                               |

**C635 SIX-SPEED MANUAL TRANSMISSION**

|              |   |
|--------------|---|
| Availability | 2.4-litre Tigershark engine with MultiAir (4x2 and 4x4) |
| Description  | Planetary gear train, transverse layout                 |
| Gear Spread  | 6.635   |
| Gear Ratios  |   |
| 1st          | 4.459   |
| 2nd          | 2.508   |
| 3rd          | 1.556   |
| 4th          | 1.142   |
| 5th          | 0.852   |
| 6th          | 0.672   |

**AT6 AISIN SIX-SPEED AUTOMATIC TRANSMISSION**

|              |   |
|--------------|---|
| Availability | 2.4-litre Tigershark engine with MultiAir (4x2) |
| Description  | Planetary gear train, transverse layout         |
| Gear Spread  | 6.635   |
| Gear Ratios  |   |
| 1st          | 4.459   |

|     |       |
|-----|-------|
| 2nd | 2.508 |
| 3rd | 1.556 |
| 4th | 1.142 |
| 5th | 0.852 |
| 6th | 0.672 |

#### **4X4 SYSTEMS: JEEP ACTIVE DRIVE, JEEP ACTIVE DRIVE LOW**

|                          |   |
|--------------------------|---|
| Availability             | Jeep Active Drive is optional on Sport and North, standard on Limited<br>Jeep Active Drive Low is standard on Trailhawk |
| Type                     | Fully disconnecting 4x2 mode with automatic 4x4 engagement<br>Full-time 4x4 mode with active on demand clutch           |
| Operating Modes          | Auto 4x2/4x4, Neutral   |
| Center Differential Type | None  |
| Terrain Response         | Unique tuning in all terrain modes  |
| Crawl Ratio              | 20:1 (with Jeep Active Drive Low)   |

#### **ELECTRICAL SYSTEM**

|            |  |
|------------|--|
| Alternator | 160-amp (2.4-litreTigershark with MultiAir)  |
| Battery    | Dual batteries when equipped with electronic stop-start system:<br>500-amp (primary) 150-amp (secondary) (2.4-litre Tigershark with MultiAir with ESS) |

#### **SUSPENSION**

|       |   |
|-------|---|
| Front | MacPherson strut, coil springs, flat front steel crossmember, high-strength steel double shell lower control stabilizer bar         |
| Rear  | Chapman strut, high-strength steel links, isolated steel rear cradle for 4x4 and not-isolated for 4x2, coil springs, stabilizer bar |

#### **STEERING**

|                                 |  |
|---------------------------------|--|
| Type                            | Electric power rack and pinion                         |
| Overall Ratio                   | 15.7   |
| Turning Diameter (curb-to-curb) | 11.07 (36.3) 4x2 and 4x4<br>10.76 (35.3) Trailhawk 4x4 |
| Steering Turns (lock-to-lock)   | 2.68 (4x2 and 4x4)<br>2.76 (Trailhawk 4x4)             |

#### **BRAKES**

|       |  |
|-------|--|
| Front |  |
|-------|--|

|  |   |
|--|---|
| Size and Type                            | 305 x 28 (12 x 1.1) vented rotor with 60 (2.36) single-piston floating caliper  |
| Swept Area (per caliper)                 | 895.3 sq. cm . (138.77 sq. in.) 1 x 60<br>747.6 sq. cm. (115.88 sq. in.) , 1 x 57   |
| <b>Rear</b>                              |   |
| Size and Type                            | 278 x 12 (10.95 x 0.47) solid rotor with 38 (1.5) single-piston floating caliper  |
| Swept Area (per caliper)                 | 656.4 sq. cm (101.7 sq. in.), 1 x 38  |
| Power-assist Type                        | 254 (10) vacuum assist  |
| Four-wheel anti-lock brake system (ABS)  | Standard  |
| Electronic stability control (ESC)       | Standard  |
| Parking Brake Type                       | Electric Motor  |
| <b>DIMENSIONS AND CAPACITIES</b>         |   |
| Wheelbase                                | 2,636 (103.8)   |
| Track, Front                             | 1,542 (60.7)  |
| Track, Rear                              | 1,532 (60.3)  |
| Overall Length                           | 4,394 (173)   |
| Overall Width (with folded side mirrors) | 1,874 (73.8)  |
| Overall Width (with open side mirrors)   | 2,033 (80)  |
| Overall Height                           | 1,641 (64.6) without rails; 1,647 (64.8) with rails   |
| Load-floor height                        | 754 (29.7) (height measured from curb ground to load floor)   |
| Sill-step height                         | 494 (19.4) (height measured from curb ground to sill trim)  |
| Ground Clearances                        | 4x2 198 (7.8)<br>4x4 208 (8.2)<br>Trailhawk 4x4 216 (8.5)   |
| Approach Angle, (with air dam) (degrees) | 4x2 15.8<br>4x4 16.8<br>Trailhawk 4x4 30.3  |
| Breakover Angle (degrees)                | 4x2 21.8<br>4x4 22.9<br>Trailhawk 4x4 24.4  |
| Departure Angle (degrees)                | 4x2 30.8<br>4x4 31.7<br>Trailhawk 4x4 33.6  |
| Curb Weight (kg)                         | 1,444 (3,184) 4x2 and 2.4-litre Tigershark with MultiAir<br>1,509 (3,327) 4x4 and 2.4-litre Tigershark with MultiAir<br>1,648 (3,633) Trailhawk 4x4 with 2.4-litre Tigershark with MultiAir |
| Fuel-tank Capacity                       | 51 litres (11.2 imperial gal.)  |

## ACCOMMODATIONS

|  |  |
|--|--|
| Seating Capacity — Front/Rear                | 2/3  |
| Front Row                                    |  |
| Headroom without Sunroof                     | 995 (39.2)   |
| Headroom with Sunroof                        | 981 (38.6)   |
| Legroom                                      | 1,046 (41.8)   |
| Shoulder Room                                | 1,439 (56.7)   |
| Hip Room                                     | 1,375 (54.1)   |
| Seat Travel                                  | 220 (8.7) fore/aft travel range  |
| Recliner Range (degrees)                     | Manual/power recliner travel: 69 degrees<br>Manual fold FWD recliner travel: 107.5 degrees |
| SAE Volume (standard roof), Litres (cu. ft.) | 1,498 (52.9) front passenger volume  |
| Second Row                                   |  |
| Headroom                                     | 978 (38.5)   |
| Legroom                                      | 973 (38.3)   |
| Shoulder Room                                | 1,400 (55.1)   |
| Hip Room                                     | 1,264 (49.8)   |
| SAE Volume, Litres (cu. ft.)                 | 1,322 (46.7) Second Row Passenger Volume   |
| Cargo Access                                 |  |
| Liftover Height                              | 790 (31.1) (Height measured from Curb Ground to Liftgate Scuff Trim)                       |
| Maximum Cargo Width at Liftgate Opening      | 1,069 (42.1)   |
| Minimum Cargo Width at Liftgate Opening      | 938 (36.9)   |
| Maximum Cargo Height at Liftgate Opening     | 691 (27.2)   |
| Distance Between Wheelhouse Interior Trim    | 968 (38.1)   |
| SAE Cargo Volume                             |  |
| Rear Seats Up, Litres (cu. ft.)              | 770 (27.2)   |
| Rear Seats Folded, Litres (cu. ft.)          | 1,693 (59.8)   |
| EPA Interior Volume Index, Litres (cu. ft.)  | 3,587.7 (126.7)  |

## TIRES

|                           |   |
|---------------------------|---|
| Availability              | Standard — Sport 4x2, Sport 4x4                           |
| Size and Type             | 215/65R16 BSW All-season                                  |
| Mfr. and Model            | Continental CrossContact LX Sport or Kumho Crugen Premium |
| Revs per Kilometre (Mile) | 479 (770)   |
| Availability              | Standard — North 4x2, North 4x4                           |
| Size and Type             | 225/60R17 BSW All-season                                  |
| Mfr. and Model            | Kumho Crugen Premium or Firestone Destination LE2         |
| Revs per Kilometre (Mile) | 466 (749)   |
| Availability              | Optional-Limited 4x4                                      |
| Size and Type             | 235/45R19 BSW All Season                                  |
| Mfr. and Model            | Continental ContiProContact                               |
| Revs per Kilometre (Mile) | 476 (766)   |
| Availability              | Standard on Trailhawk                                     |
| Size and Type             | 215/65R17 OWL All-season                                  |
| Mfr. and Model            | Falken WildPeak H/T                                       |
| Revs per Kilometre (Mile) | 462.8 (744)   |
| Availability              | Optional - North, Limited                                 |
| Size and Type             | 225/55 R18 BSW All-season                                 |
| Mfr. and Model            | Continental   |
| Revs per Mile (km)        | 744 (462)   |
| Availability              | Optional - North, Limited                                 |
| Size and Type             | 225/55 R18 BSW All-season                                 |
| Mfr. and Model            | Yokohama  |
| Revs per Mile (km)        | 744 (462)   |

