

2020 FORD TRANSIT CONNECT

TECHNICAL SPECIFICATIONS



MODEL

Body construction/materials	Steel unibody
Body style	Long wheelbase wagon, short wheelbase cargo, long wheelbase cargo
Trim levels	XL, XLT, Titanium (Passenger wagon only)
Final assembly location	Valencia Body & Assembly, Valencia, Spain

DRIVETRAIN

Layout standard	Front engine, front wheel drive
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ENGINE

	2.0L GDI I-4 engine	2.5L iVCT I-4 engine (fleet only)
Configuration	Naturally-aspirated inline-four, overhead cams	Naturally-aspirated inline-four, overhead cams
Block/head material	Aluminum block, aluminum heads	Aluminum block, aluminum heads
Displacement	2.0 liters (122 cubic inches)	2.5 liters (152 cubic inches)
Bore x stroke	3.44 x 3.27 inches (87.5 x 83.1 mm)	3.50 in x 3. 93 in (89mm x 100mm)
Compression ratio	12:1	9.7:1
Valvetrain	Ti-VCT DOHC 4 valves per cylinder	iVCT DOHC 4 valves per cylinder
Intake Valve diameter/ lift @ zero lash	1.378 in (35 mm) / 0.346 in (8.8 mm)	1.378 in (35 mm) / 0.372 in (9.44 mm)
Exhaust Valve diameter / lift @ zero lash	1.142 in (29 mm) / 0.346 in (8.8 mm)	1.181 inches (30 mm) / 0.322 in (8.18 mm)
Piston Materials	Aluminum	Aluminum
Connecting rods materials	Powdered Steel	Powdered Steel
Ignition system	Coil on plug	Coil on plug
Fuel delivery	Sequential electronic direct injection	Sequential electronic direct injection
Recommended fuel	Regular Unleaded or E85	Regular Unleaded
Engine control system	Multicore Powertrain Control Module	Multicore Powertrain Control Module
Intake manifold	Nylon (PA6 GF30)	Nylon (PA6 GF30)
Oil grade	SAE 5W-20	SAE 5W-20
Oil Capacity including oil filter	4.80 qt (4.54 L)	5.4L (5.7 qt)
Oil Capacity without oil filter	4.40 qt (4.16 L)	5.1L (5.4 qt)
Coolant capacity	8.06 qt (7.63 L)	8 L (8.5 qt)
SAE Horsepower	162 hp @ 6,500 rpm	169 hp @ 6,000 rpm
SAE Torque	144 lb.-ft.@ 4,500 rpm	171 lb.-ft.@ 4,500 rpm
Red line	6,500 rpm	6,500 rpm
Max engine speed	6,800rpm max continuous 7,000rpm max intermittent	6,800rpm max continuous 7,000rpm max intermittent
Build location	Dearborn Engine Plant (North America)	Chihuahua Engine Plant (Mexico)

ELECTRICAL

Alternator	150A standard, 220A available
Battery	80-amp-hr heavy-duty battery

TRANSMISSION

	Eight-speed SelectShift® Automatic Transmission	Six-speed SelectShift® Automatic Transmission
Configuration	Electronically controlled hydraulic 8-speed automatic	Electronically controlled hydraulic 6-speed automatic
Gears	(:1)	(:1)
1st	4.689	4.58
2nd	3.306	2.96
3rd	3.012	1.91



4th	1.923
5th	1.446
6th	1.00
7th	0.747
8th	0.617
Reverse	-2.96
Final drive ratio	3.8

SUSPENSION

Front configuration	Front independent MacPherson strut suspension w/stabilizer bar
Front shock absorber type/diameter	Gas-pressurized
Rear configuration	Twist-beam rear suspension w/stabilizer bar
Rear shock absorber type/diameter	Gas-pressurized

STEERING

Type	Electric Power-Assisted
Turning circle, curb-to-curb	SWB/LWB 38.3/40.0

BRAKES

Front Type	Power anti-lock disc
Front rotor/disc diameter/thickness/material	Front rotor/disc diameter/thickness/material
Front caliper configuration	Single piston 57mm diameter
Front pad material	FER 9223 GG
Rear type	Power anti-lock disc
Rear rotor/disc diameter	Solid rotor, 280mm diameter/ 11mm thickness.
Rear caliper configuration	Single piston 38mm diameter
Rear pad material	G 9105-1
Parking/Emergency Brake	Rear brake integrated caliper & hand operated

FUEL

Fuel Capacity	15.8 gallons
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SAFETY/CONTROL SYSTEMS

ABS/stability control	Four-Wheel Anti-Lock Brakes, AdvanceTrac® with Roll Stability Control™ (RSC®), Side-Wind Stabilization System
Airbags	Front, Driver and passenger Front, Driver and passenger seat-mounted side Safety Canopy® side curtains"
Chassis safety	Tire Pressure Monitoring System (TPMS), SOS Post-Crash Alert System™
Driver assist	BLIS® (Blind Spot Information System) with Cross-Traffic Alert, Adaptive Cruise Control, Lane Keeping System, Pre-collision assist with Automatic Emergency Braking

WHEELS

Standard	16" Shadow Silver-painted styled steel wheel			
Optional	16" Steel wheel with full wheel cover painted sparkle silver	16" aluminum wheel painted sparkle silver	16" Premium aluminum wheel painted luster nickel	16" premium aluminum wheel painted dark stainless
Spare	Full-size spare wheel and tire standard			



HEADLIGHTS

Standard hi/low automatic on/off	Automatic Headlamp On/Off & Configurable daytime running lights
Available	HID
Fog lamps (Optional)	LED

EXTERIOR DIMENSIONS

(inches unless otherwise noted)

	SWB Cargo Van	LWB Cargo Van	LWB Passenger Wagon
Wheelbase	104.8	120.6	120.6
Overall length	174.2	190	190
Overall width including mirrors	84.1	84.1	84.1
Width w/o mirrors	72.2	72.2	72.2
Overall height (at curb weight)	72	72	71.6
Track width, front	61.4	61.4	61.4
Track width, rear	61.7	61.7	61.7
Minimum Running Ground clearance	5.43	5.63	5.71

Base Curb Weight (lbs.)

2.0L GDI I-4 Gas	3581	3713	3998
2.5L Duratec® I-4 Gas	3590	3726	4029

INTERIOR DIMENSIONS

(inches unless otherwise noted)

	SWB Cargo Van	LWB Cargo Van	LWB Passenger Wagon
Maximum Seating Capacity	2	2	7
Passenger Volume (cu.ft.)	63.2	63.2	167.1
Front headroom	46.9	46.9	46.9
Front leg room SAE ("max" is currently listed)	41.5	41.5	42.3
Front shoulder room	57.6	57.6	57.6
Front hip room	54.2	54.2	54.2
2nd row head room	-	-	45.7
2nd row room SAE ("max" is currently listed)	-	-	37.6
2nd row shoulder room	-	-	58.5
2nd row hip room	-	-	58.3
3rd row head room	-	-	41.9
3rd row leg room SAE ("max" is currently listed)	-	-	35
3rd row shoulder room	-	-	56.3
3rd row hip room	-	-	47

CAPACITIES

	SWB Cargo Van	LWB Cargo Van	LWB Passenger Wagon
Cargo length at floor	71.8	87.6	85.6
Cargo length at belt	61.3	77	76.5
Cargo length with front passenger seat folded down (van only)	101.7	117.5	-
Width at wheelhouse	48.7	48.7	47
Cargo height maximum	49.7	49.8	43.3
Side door opening height	44.4	44.4	37.6
Side door opening width	24.2	32.8	32.8
Rear door opening height	47.3	45.5	45.4
Rear opening width	49.2	49.2	47
Loadfloor height (at curb weight)	23	22.9	22.4
Cargo Volume Behind Third Row (LWB Wagon w/seat moved to most rearward position) (cu.ft.)	-	-	16.3



Cargo Volume Behind Third Row (LWB Wagon w/seat moved to most forward position) (cu.ft.)	-	-	24.9
Cargo Volume Behind Second Row (cu.ft.)	-	-	60.1
Cargo Volume Behind First Row with 2nd & 3rd row seats folded (cu.ft.)	-	-	106
Cargo Volume Behind First Row (no 2nd or 3rd row seats; Cargo Van) (cu.ft.)	104.8	127.4	-
Cargo Volume- Max with Front Passenger Seat Folded (Van Only, without bulkhead) (cu.ft.)	123.2	145.8	-
Max payload (lbs.)	1,510	1,550	1,420
Max towing (conventional) (lbs.)	2,000	2,000	2,000
GVWR (lbs.)	5,240	5,302	5,450

TECHNOLOGY

Available on-road	Ford Co-Pilot360™, Blind Spot Information System with Cross-Traffic Alert , Lane Keeping System, Pre-Collision Assist with Automatic Emergency Braking, Rear View Camera, Curve Control
Available in-cabin	SYNC 3 with Android Auto® and Apple Carplay®, Applink, FordPass Connect® with Wi-Fi™ for up to ten devices, wireless charging, Ford Telematics™ and Ford Data Services™
Available general	Passive entry/passive start, MyKey®, 110V power inverter

WARRANTY

Basic Coverage	3 years/36,000 miles
Powertrain (limited)	5 years/60,000 miles
Safety Restraint System	5 years/unlimited miles
Corrosion (Perforation only)	5 years/unlimited miles
Roadside assistance	5 years/60,000 miles

