2010 Taurus Technical Specifications

BODY	
Construction	Steel unibody
Final assembly location	Chicago Assembly Plant
POWERTRAIN AND CHASSIS	
ENGINE	
Type	3.5-liter V-6 Duratec
Manufacturing location	Lima Engine Plant
Configuration	60 degree V-6, aluminum block and heads
Intake manifold	Composite, split plenum
Exhaust manifolds	Cast iron
Crankshaft	Forged steel
Redline	6,700 rpm
Idle speed in drive	620 rpm
Throttle body	65 mm, electronic
Valvetrain	DAMB, 4 valves per cylinder, intake variable camshaft timing
Valve diameter	Intake: 37mm; Exhaust: 31mm
Pistons	High-temperature cast aluminum alloy with low-friction coated skirts, low-tension rings
Connecting rods	Cracked powder metal
Ignition	Pencil coil
Bore x Stroke	3.6 x 2.4 inch / 92.5 x 88.7 mm
Displacement	213 cu. inch / 3,496 cc
Compression ratio	10.3:1
Horsepower	263 @ 6,250 rpm
Horsepower per liter	75
Torque	249 ft.-lbs. @ 4,500 rpm
Recommended fuel	87 octane unleaded
Fuel capacity	19 gallons
Fuel injection	Sequential multi-port fuel injection
Oil capacity	5.5 quarts with filter
Recommended oil	GF4, 5W-20
Emission control	Closed loop with catalyst
Federal standards	Tier II/Bin 5 tailpipe, T2e evaporative
California standards	ULEVII tailpipe, L2e evaporative
Fuel Economy	18 mpg city/28 mpg highway
DRIVETRAIN	
Layout	Front-wheel drive or All-wheel drive
TRANSMISSION	
Standard	6-speed automatic overdrive

Gear Ratios	
1st	4.484
2nd	2.872
3rd	1.842
4th	1.414
5th	1.000
6th	0.742
Reverse	-2.882
Final drive	FWD 2.77/ 3.16, AWD 3.16/ 3.39
SUSPENSION	
Front	Macpherson strut and rear-facing L-shaped lower control arm with isolated subframe and stabilizer bar
Rear	Independent multi-link suspension coil over shocks; stamped-steel lower control arms and cast upper control arms
STEERING	
Type	Power rack and pinion
Steering column	Power tilt/telescope
Ratio	17:1
Turns, lock-to-lock	2.98
Turning circle curb-to-curb	12.05m /Â 39.7 ft.
BRAKES	
Type	Standard 4-wheel ABS (4 channel); Traction control; Optional AdvanceTrac® ESC
Front	Disc
Rear	Disc
Power assist	Yes
WHEELS AND TIRES	
SE	17-inch painted 8-spoke aluminum wheels, P235/60Rx17 BSW tires
SEL	18-inch 8-spoke aluminum wheels, P235/55Rx18 BSW tires
Limited	19-inch 10-spoke chrome-clad aluminum wheels, P255/45Rx19 BSW tires
EcoBoost™ exclusive	20-inch 5-spoke Premium painted aluminum wheels, P245/45Rx19 BSW tires
DIMENSIONS (inches unless otherwise noted)	
EXTERIOR	
Wheelbase	112.9
Vehicle length	202.9
Vehicle width (without mirrors)	76.2
Vehicle height at curb	60.7
Track width, front/rear	65.3 / 65.5
INTERIOR	

Seating capacity	5 passenger
Headroom	
Front row	39.0
Second row	37.8
Legroom	
Front row	41.9
Second row	38.1
Shoulder room	
Front row	57.9
Second row	56.9
Hip room	
Front row	56.3
Second row	55.8
WEIGHTS AND CAPACITIES (pounds unless otherwise noted)	
Total passenger volume	102.2 cu. ft.
Total interior volume	122.3 cu. ft.
Luggage capacity	20.1 cu. ft.
Maximum towing capacity (properly equipped)	1,000 lbs.
Base curb weight	
FWD	4,015 lbs.
AWD	4,224 lbs.
Power-to-weight ratio (lbs/hp)	
FWD	14.22
AWD	14.94

Specifications subject to change.