2010 Taurus SHO Technical Specifications

BODY	
Construction	Steel unibody
Final assembly location	Chicago Assembly Plant
POWERTRAIN AND CHASSIS	
ENGINE	
Type	3.5-liter Twin-Turbocharged EcoBoost™ V-6
Manufacturing location	Cleveland Engine Plant
Configuration	60 degree V-6, aluminum block and heads
Intake manifold	Cast aluminum
Exhaust manifolds	Fabricated stainless steel
Crankshaft	Forged steel
Redline	6,200 rpm
Idle speed in drive	600 rpm
Throttle body	65 mm, electronic
Valvetrain	DAMB, 4 valves per cylinder, intake variable camshaft timing
Valve diameter	Intake: 37 mm; Exhaust: 31 mm
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 3.4 inch / 92.5 x 86.7 mm
Displacement	213 cu. inch / 3,496 cc
Compression ratio	10.0:1
Horsepower	365 @ 5,500 rpm
Horsepower per liter	104
Torque	350 ft.-lbs. @ 1,500 – 5,250 rpm
Recommended fuel	87-octane unleaded (minimum) / premium (recommended)
Fuel capacity	19 gallons
Fuel injection	Gas Twin-Turbo Direct Injected
Oil capacity	6.0 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	17 mpg city/25 mpg highway
DRIVETRAIN	
Layout	All-wheel drive

TRANSMISSION	
Standard	6-speed SelectShift™ Automatic with Paddle Activation
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	2.77
SUSPENSION, SPORT TUNED	
Front	Upgraded Macpherson strut and shocks, rear facing L-shaped lower control arm with isolated subframe and stabilizer bar; includes strut tower brace
Rear	Independent multi-link suspension coil over shocks; stamped-steel lower control arms and cast upper control arms
STEERING	
Type	Electric Power Assist Steering (EPAS)
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); AdvanceTrac® ESC with Traction control
Front	Disc, twin 48 mm piston, cast iron caliper
Rear	Disc, single 43 mm piston, cast iron caliper
Power assist	Yes
WHEELS AND TIRES	
Standard	19-inch 5-spoke Premium painted aluminum wheels, P255/45Rx19 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	
AWD	4,368 lbs.
Power-to-weight ratio (lbs/hp)	
AWD	11.97
PACKAGES	
SHO Performance Package: 20-inch Premium painted aluminum wheels; Performance summer compound summer tires; Performance brake pads; EPAS calibrated steering; ESC Track Mode; 3:16 Final drive gear ratio; Tire Mobility Kit	

Specifications are preliminary and subject to change.