2013 Lincoln MKS Technical Specifications



Construction	Unitized steel body		
Final assembly location	Chicago		
ENGINE			
Туре	3.7-liter Ti-VCT V6	3.5-liter EcoBoost™ V6	
Production location	Lima Engine Plant, Ohio	Cleveland Engine Plant, Ohio	
Configuration	60-degree V6, aluminum block/heads	60-degree V6, aluminum block/hea	
Displacement	3.7-liter/227.4 cu. in.	3.5 liters/213 cu. in.	
Bore x stroke	3.7 x 3.4 in./95.5 x 86.7 mm	3.6 x 3.4 in./91.4 x 86.7 mm	
Crankshaft	Forged steel	Forged steel	
Redline	6,750 rpm	6,200 rpm	
Valvetrain	DOHC, four valves per cylinder, intake and exhaust variable camshaft timing		
Compression ratio	10.5:1 (projected)	10.0:1	
Horsepower	300 @ 6,500 (projected)	355 @ 5,700 rpm (premium) (projected)	
Torque	275 lbft. @ 4,000 rpm (projected)	350 lbft. @ @ 1,500 to 5,250 rpr (premium) (projected)	
Recommended fuel	87 octane	Designed to run on regular fuel wit an octane rating of 87 or higher. F best overall performance, premiun fuel with an octane of 91 or higher recommended	
Fuel capacity	19 gallons	19 gallons	
Fuel delivery	Sequential multiport electronic injection	Direct injection	
Oil capacity	5.5 quarts with filter	6.0 quarts with filter	
Federal standards	Tier 2/Bin 5 tailpipe, LEVII evaporative	Tier 2/Bin 5 tailpipe, LEVII evaporative	
California standards	ULEVII tailpipe, LEVII evaporative	ULEVII tailpipe, LEVII evaporative	
EPA fuel economy	FWD 19 mpg city/28 mpg highway AWD 18 mpg city/26 mpg highway	17 mpg city/25 mpg highway	
DRIVETRAIN			
Layout	Front-wheel drive/All-wheel drive	All-wheel drive	
TRANSMISSION			
	Electronic 6F-50 six-speed with SelectShift Automatic™ with paddle shift activation	Electronic 6F-55 six-speed with SelectShift Automatic™ with paddle shift activation	
Gear ratios: 6F-50 and 6F55			
First	4.48:	4.48:1	
Second	2.87:1		
Third	1.84:1		
Fourth	1.41:1		
Fifth	1.00:1		
Sixth	0.74:1		
Reverse	2.882:	2.882:1	
Final drive ratio	FWD 3.16:1; AWD 3.39:1	AWD 2.77:1	

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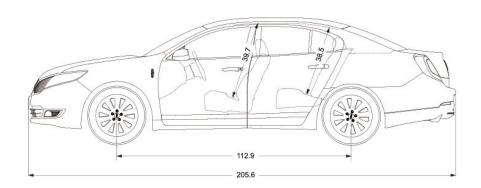


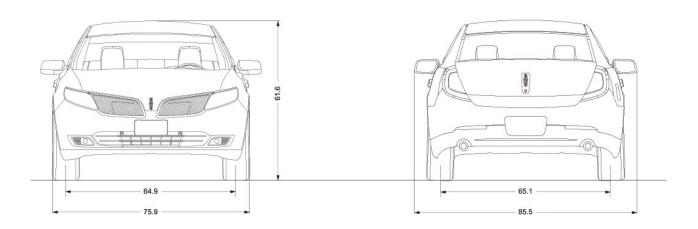
SUSPENSION		
Front	Continuously Controlled Damper MacPherson strut and rear-facing L-shaped lower control arm with isolated subframe and 26 mm stabilizer bar	
Rear	Independent multilink with Continuously Controlled Damper coil-over shocks; stamped steel lower control arms and cast upper control arms	
STEERING		
Туре	Electric power-assisted steering (EPAS) rack-and-pinion	
Steering column	Power tilt/telescope	
Ratio	15.1:1	
Turns, lock-to-lock	2.65	
Turning circle, curb-to-curb	39.4 ft.	
BRAKES		
Туре	Power four-wheel disc brakes with ABS, traction control and Electronic Stability Control (ESC)	
Front	Ventilated disc with vented hat section, 13.86-inches	
Front swept area	150.36 sq. in.	
Rear	Ventilated disc, 13.58 inches	
Rear swept area	133.18 sq. in.	
WHEELS AND TIRES		
Wheel sizes and type	19 x 8.0-in. bright machined/painted cast aluminum 10-spoke (standard)	
	19 x 8.0-in. premium painted cast aluminum 10-spoke (optional)	
	20 x 8.0-in. polished cast aluminum 11-spoke (optional)	
	20 x 8.0-in. chrome cast aluminum (EcoBoost Appearance (optional)	
Tire size	P255/45R19 V-rated, all-season, low rolling resistance	
	P245/45R20 V-rated all-season	
DIMENSIONS (inches unless o	otherwise noted)	
Exterior		
Wheelbase	112.9	
Overall length	204.1	
Overall width (excluding mirrors)	75.9	
Overall width (including mirrors)	85.5	
Overall height (without options)	61.6	
Track width (front/rear)	64.9/65.1	
Interior		
Seating capacity	Five	
Headroom		
First row	39.7	
Second row	38.5	
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Legroom		
First row	41.9	
Second row	38.6	
Shoulder room		
First row	58.6	
Second row	57.4	
Hip room		
First row	55.3	
Second row	55.3	
WEIGHTS AND CAPACITIES		
Curb weight (projected)	4,127 lbs. (FWD)/4,276 lbs. (AWD)	
Cargo volume	18.7 cu. ft.	
Total passenger volume	105.8 cu. ft.	

Specifications are preliminary and subject to change





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