

2011 LINCOLN MKX TECHNICAL SPECIFICATIONS

BODY	
Construction	Unibody
Final assembly location	Oakville Assembly Complex; Oakville, Ontario
POWERTRAIN AND CHASSIS	
ENGINE	
Type	3.7-liter 24-valve Ti-VCT V6
Manufacturing location	Lima Engine Plant; Lima, Ohio
Configuration	60-degree V6, aluminum block and heads
Intake manifold	Composite, common plenum
Exhaust manifold	Cast iron
Crankshaft	Forged steel
Redline	7,000 rpm
Idle speed in drive/neutral	600 rpm (640 with trailer tow package)
Throttle body	65 mm, electronic
Valvetrain	DAMB, four valves per cylinder, twin independent 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	3.76 x 3.4 in./95.5 x 86.7 mm
Displacement	227 cu. in./3,726 cc
Compression ratio	10.5:1
Horsepower	305 @ 6,500 rpm (SAE certified)
Horsepower per liter	81.9 (SAE certified)
Torque	280 lb.-ft. @ 4,000 rpm (SAE certified)
Recommended fuel	87 octane (minimum)
Fuel capacity	19 gallons (FWD), 20 gallons (AWD)
Fuel injection	Sequential multi-port fuel injection
Emission control	Closed loop with catalyst
Oil capacity	Six quarts, with filter
Recommended oil	GF4, 5W-20
Emissions (tailpipe/evaporation)	
Federal standards	Tier II/Bin 5, LEV II
California standards	ULEV II
DRIVETRAIN	
Layout	FWD (optional AWD)
TRANSMISSION	
Standard	Six-speed SelectShift Automatic™

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Gear ratios	
1st	4.48: 1
2nd	2.87: 1
3rd	1.84: 1
4th	1.41: 1
5th	1.00: 1
6th	0.74: 1
Reverse	2.88: 1
Final drive	FWD 3.16, AWD 3.39
SUSPENSION	
Front	MacPherson strut and L-shaped lower control arm with isolated subframe and stabilizer bar
Rear	Independent with trailing blade, integrated knuckle and lateral links, isolated subframe and stabilizer bar
STEERING	
Type	Power hydraulic rack-and-pinion
Steering column	Tilt-telescope
Ratio	17.7: 1 on center
Turns lock-to-lock	3.1
Turning circle curb-to-curb	39.3 ft. (11.98 m) 18-/20-in. wheel application
BRAKES	
Type	Four-wheel ABS (four channel); AdvanceTrac [®] with RSC [®] (Roll Stability Control™)
Front	Discs
Swept area	69.79 sq. in.
Rear	Discs
Swept area	70.12 sq. in.
Power assist	Yes
TIRES AND WHEELS	
	P245/60R-18 BSW A/S H-rated on 18x8-in. premium painted wheels
	P245/60R-18 BSW A/S H-rated on 18x8-in. polished aluminum wheels P245/50R-20 A/S BSW H-rated on 20x8-in. chrome-clad aluminum wheels P245/50R-20 A/S BSW H-rated on 20x8-in. polished aluminum wheels
DIMENSIONS (inches unless otherwise noted)	
EXTERIOR	
Wheelbase	111.2
Length	186.7
Width	76.0 (excluding mirrors), 87.5 (including mirrors)

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Height without options	67.3
Track, front/rear	65.4/65.2
Ground clearance	7.9
Approach angle	13.5 degrees
Departure angle	27.7 degrees
Ramp breakover angle	17.1 degrees
Cargo volume behind front row	68.6 cu. ft.
Cargo volume behind second row	32.3 cu. ft.
INTERIOR	
Seating capacity	Five passenger
Headroom	
Front row	40.0
Second row	39.3
Legroom	
Front row	40.7
Second row	39.6
Shoulder room	
Front row	58.9
Second row	58.7
Hip room	
Front row	54.4
Second row	55.2
WEIGHTS AND CAPACITIES (pounds unless otherwise noted)	
Maximum towing capacity (when properly equipped)	3,500 (Class II)
Maximum payload (when properly equipped, including 150-pound driver)	
FWD	909
AWD	909
Base curb weight	
FWD	4,251
AWD	4,429
Weight distribution (f/r)	58/42
FUEL ECONOMY (city/highway/combined)	
3.7-liter V6 FWD	19/26/21 mpg
3.7-liter V6 AWD	17/23/19 mpg

Specifications subject to change