

2015 FORD MUSTANG – USA TECHNICAL SPECIFICATIONS

BODY			
Construction	Unitized welded steel body, aluminum hood and front fenders		
Bodystyles	Fastback and Convertible		
Final assembly location	Flat Rock, Mich.		
ENGINE			
	3.7-liter Ti-VCT V6	2.3-liter EcoBoost I4	5.0-liter Ti-VCT V8
Configuration	Aluminum block and heads	Aluminum block and head	Aluminum block and heads
Intake manifold	Composite shell-welded with runner pack	Composite shell-welded with runner pack	Composite shell-welded with runner pack and charge motion control valves
Exhaust manifold	Cast iron	Three-port integrated into aluminum head	Stainless steel tubular headers
Valvetrain	DOHC, four valves per cylinder, twin independent variable camshaft timing	DOHC, four valves per cylinder, twin independent variable camshaft timing	DOHC, four valves per cylinder, twin independent variable camshaft timing
Valve diameter/lift	Intake 37 mm/10 mm, exhaust 31 mm/9.7 mm	Intake 31 mm/8.31 mm, exhaust 30 mm/7.42 mm	Intake 37.3 mm/13 mm, exhaust 31.8 mm/13 mm
Pistons	Cast aluminum	Cast aluminum	Cast aluminum
Connecting rods	Forged steel	Forged steel	Forged steel
Ignition	Distributor-less with coil-on-plug	Distributor-less with coil-on-plug	Distributor-less with coil-on-plug
Bore x stroke	3.76 x 3.41 in./95.5 x 86.7 mm	3.45 x 3.7 in./87.55 x 94 mm	3.63 x 3.65 in./92.2 x 92.7 mm
Displacement	227 cu. in./3,727 cc	140 cu. in./2,300 cc	302 cu. in./4,951 cc
Compression ratio	10.5:1	9.5:1	11.0:1
Engine control system	PCM	PCM	PCM
Horsepower	300 @ 6,500 rpm (projected)	>305 @ 5,500 rpm (projected)	>420 @ 6,500 rpm (projected)
Torque	270 lb.-ft. @ 4,000 rpm (projected)	>300 lb.-ft. @ 2,500-4,500 rpm (projected)	>390 lb.-ft. @ 4,250 rpm (projected)
Recommended fuel	Regular unleaded (87 octane)	Regular unleaded (87 octane)	Premium unleaded (91 octane, 87 minimum)
Fuel capacity	16 gallons	15.5 gallons	16 gallons
Fuel delivery	Sequential multiport electronic	Direct injection	Sequential multiport electronic
Oil capacity	Six quarts 5W-20 with filter (10,000-mile service interval)	Six quarts 5W-30 with filter (10,000-mile service interval)	Eight quarts 5W-20 with filter (10,000-mile service interval)

DRIVETRAIN			
Layout	Rear-wheel drive with limited-slip differential		
TRANSMISSION			
	3.7-liter Ti-VCT V6	2.3-liter EcoBoost I4	5.0-liter Ti-VCT V8
Standard	Six-speed manual with Hill Start Assist		
Gear ratios			
First	4.236	4.236	3.657
Second	2.538	2.538	2.430
Third	1.665	1.665	1.686

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Fourth	1.2387	1.238	1.315
Fifth	1.00	1.00	1.00
Sixth	0.704	0.704	0.651
Final drive	3.15:1, 3.55:1 (optional)	3.31:1, 3.55:1 (Performance Package)	3.31:1, 3.55:1 (optional), 3.73:1 Torsen (Performance Package)
Optional	Six-speed automatic with paddle shifters		
Gear ratios			
First	4.17		
Second	2.34		
Third	1.52		
Fourth	1.14		
Fifth	0.87		
Sixth	0.69		
Final drive	3.15:1, 3.55:1 (optional)	3.15:1, 3.31:1 (optional), 3.55:1 (Performance Package)	3.15:1, 3.55:1 (optional)

SUSPENSION			
Front	Double-ball-joint independent MacPherson strut and tubular stabilizer bar		
Rear	Integral-link independent with coil springs, solid stabilizer bar, and twin- or mono-tube dampers (application-specific)		
STEERING			
Type	Electric power-assisted steering with rack-and-pinion gear		
Ratio	16:1		
Turning circle, curb-to-curb	36.5 feet/11.1 meters (17-in. wheels), 37.8 feet/11.5 meters (18-in. and 19-in. wheels), 40.0 feet/12.2 meters (Performance Package and 20-in. wheels)		
BRAKES			
	3.7-liter Ti-VCT V6	2.3-liter EcoBoost I4	5.0-liter Ti-VCT V8
Type	Four-wheel power disc brakes with four-sensor, four-channel anti-lock braking system and AdvanceTrac electronic stability control	Four-wheel power disc brakes with four-sensor, four-channel anti-lock braking system and AdvanceTrac electronic stability control	Four-wheel power disc brakes with four-sensor, four-channel anti-lock braking system and AdvanceTrac electronic stability control
Front	320 (12.6 in.) x 30-mm vented discs, twin-piston 43-mm floating aluminum calipers	320 (12.6 in.) x 30-mm vented discs, twin-piston 43-mm floating aluminum calipers; Performance Package: 352 (13.9 in.) x 32-mm vented discs, four-piston 46-mm fixed aluminum calipers	352 (13.9 in.) x 32-mm vented discs, four-piston 46-mm fixed aluminum calipers; Performance Package: 380 (15.0 in.) x 34-mm vented discs, Brembo six-piston 36-mm fixed aluminum calipers
Rear	320 (12.6 in.) x 12-mm solid discs, single-piston 45-mm floating aluminum calipers, integral parking brake	320 (12.6 in.) x 12-mm solid discs, single-piston 45-mm floating aluminum calipers, integral parking brake; Performance Package: 330 (13.0 in.) x 25-mm vented discs, single-piston 45-mm floating iron calipers, integral parking brake	330 (13.0 in.) x 25-mm vented discs, single-piston 45-mm floating iron calipers, integral parking brake; Performance Package: 330 (13.0 in.) x 25-mm vented discs, single-piston 45-mm floating iron calipers, integral parking brake
WHEELS AND TIRES (aluminum wheels)			
Standard	17 x 7.5-in. 235/55R H A/S	17 x 7.5-in. 235/55R H A/S	18 x 8.0-in. 235/50R W A/S

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Optional	18 x 8.0-in. 235/50R W A/S	18 x 8.0-in. 235/50R W A/S, 19 x 8.5-in. 255/40R W A/S, 20 x 9.0-in. 265/35R W summer; Performance Package: 19 x 9.0-in. 255/40R Y summer	19 x 8.5-in. 255/40R W A/S, 20 x 9.0-in. 265/35R W summer; Performance Package: front, 19 x 9.0-in. 255/40R, rear, 19 x 9.5-in. 275/40R Y summer
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DIMENSIONS (inches unless otherwise noted)

	Fastback	Convertible
EXTERIOR		
Wheelbase	107.1	107.1
Overall length	188.3	188.3
Overall width	75.4	75.4
Overall height	54.4	54.9
Track, front/rear	62.3/64.9	62.3/64.9
INTERIOR		
Seating capacity	Four	Four
Front headroom	37.6	37.6
Front legroom - maximum	44.5	44.5
Front shoulder room	56.3	56.3
Front hip room	54.9	54.9
Rear headroom	34.8	35.7
Rear legroom	30.6	30.8
Rear shoulder room	52.2	44.7
Rear hip room	47.4	43.7
CAPACITIES		
Passenger volume	84.5 cu. ft.	80.8 cu. ft.
Cargo volume	13.5 cu. ft.	11.4 cu. ft.

Specifications subject to change