

## 2016 FORD MUSTANG TECHNICAL SPECIFICATIONS

<b>BODY</b>			
Construction	Unitized welded steel body, aluminum hood and front fenders		
Body styles	Fastback and convertible		
Final assembly location	Flat Rock, Michigan		
<b>ENGINE</b>			
	<b>3.7-liter V6</b>	<b>2.3-liter EcoBoost® I-4</b>	<b>5.0-liter V8</b>
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	310 @ 5,500 rpm	435 @ 6,500 rpm
Torque	280 lb.-ft. @ 4,000 rpm	320 lb.-ft. @ 2,500 rpm to 4,500 rpm	400 lb.-ft. @ 4,250 rpm
Recommended fuel	87-octane	87-octane	87-octane, 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)
EPA-estimated fuel economy ratings	19 mpg city, 28 mpg highway, 22 mpg combined, automatic; 17 mpg city, 28 mpg highway, 21 mpg combined, manual	21 mpg city, 32 mpg highway, 25 mpg combined, automatic; 22 mpg city, 31 mpg highway, 25 mpg combined, manual	16 mpg city, 25 mpg highway, 19 mpg combined, automatic; 15 mpg city, 25 mpg highway, 19 mpg combined, manual
<b>Layout</b>	Rear-wheel drive with limited-slip differential		
<b>TRANSMISSION</b>			
	<b>3.7-liter V6</b>	<b>2.3-liter EcoBoost I-4</b>	<b>5.0-liter V8</b>
<b>Standard</b>	Six-speed manual with hill start assist		
<b>Gear ratios</b>			
1st	4.236:1	4.236:1	3.657:1

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2nd	2.538:1	2.538:1	2.430:1
3rd	1.665:1	1.665:1	1.686:1
4th	1.2387:1	1.238:1	1.315:1
5th	1.00:1	1.00:1	1.00:1
6th	0.704:1	0.704:1	0.651:1
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)
<b>Optional</b>	Six-speed automatic with paddle shifters		
<b>Gear ratios</b>			
1st	4.17:1		
2nd	2.34:1		
3rd	1.52:1		
4th	1.14:1		
5th	0.87:1		
6th	0.69:1		
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)
<b>SUSPENSION</b>			
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)		
<b>STEERING</b>			
Type	Electric power-assisted, rack-and-pinion		
Ratio	16:1		
Turning circle, curb-to-curb	36.5 ft. (17-in. wheels), 37.8 ft. (18-in. and 19-in. wheels), 40.0 ft. (Performance Package and 20-in. wheels)		
<b>BRAKES</b>			
	<b>3.7-liter V6</b>	<b>2.3-liter EcoBoost I-4</b>	<b>5.0-liter V8</b>
Type	Four-wheel power disc brakes with four-sensor, four-channel antilock braking system and AdvanceTrac® electronic stability control	Four-wheel power disc brakes with four-sensor, four-channel antilock braking system and AdvanceTrac electronic stability control	Four-wheel power disc brakes with four-sensor, four-channel antilock braking system and AdvanceTrac electronic stability control
Front	320 x 30-mm vented discs, twin-piston 43-mm floating aluminum calipers	320 x 30-mm vented discs, twin-piston 43-mm floating aluminum calipers; 352 x 32-mm vented discs, four-piston 46-mm fixed aluminum calipers (Performance Package)	352 x 32-mm vented discs, four-piston 46-mm fixed aluminum calipers; 380 x 34-mm vented discs, Brembo six-piston 36-mm fixed aluminum calipers (Performance Package)
Rear	320 x 12-mm solid discs, single-piston 45-mm floating aluminum calipers, integral parking brake	320 x 12-mm solid discs, single-piston 45-mm floating aluminum calipers, integral parking brake; 330 x 25-mm vented discs, single-piston 45-mm floating iron calipers, integral parking brake (Performance Package)	330 x 25-mm vented discs, single-piston 45-mm floating iron calipers, integral parking brake; 330 x 25-mm vented discs, single-piston 45-mm floating iron calipers, integral parking brake (Performance Package)
<b>WHEELS AND TIRES (aluminum wheels)</b>			
Standard	17 x 7.5-in. 235/55RH A/S	18 x 8-in. P235/50RW A/S	18 x 8-in. P235/50RW A/S

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Optional	18 x 8-in. 235/50RW A/S	19 x 8.5-in. 255/40RW A/S, 20 x 9-in. 265/35RW summer, 19 x 9-in. 255/40RY summer (Performance Package)	19 x 8.5-in. 255/40RW A/S, 20 x 9-in. 265/35RW summer front; 19 x 9-in. 255/40R, rear, 19 x 9.5-in. 275/40RY summer (Performance Package)
<b>DIMENSIONS (inches unless otherwise noted)</b>			
	<b>Fastback</b>		<b>Convertible</b>
<b>EXTERIOR</b>			
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
<b>INTERIOR</b>			
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
<b>BASE CURB WEIGHT</b>			
	<b>3.7-liter V6</b>	<b>2.3-liter EcoBoost I-4</b>	<b>5.0-liter V8</b>
Fastback, manual	3,526 lbs.	3,532 lbs.	3,705 lbs.
Fastback, automatic	3,530 lbs.	3,524 lbs.	3,729 lbs.
<b>CAPACITIES</b>			
Passenger volume	84.5 cu. ft.		80.8 cu. ft.
Cargo volume	13.5 cu. ft.		11.4 cu. ft.

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