

	2022 BMW M240i xDrive	2021 Ford Mustang Mach 1	2023 Nissan Z Performance	2022 Toyota GR Supra 3.0 Premium
Base/As Tested	\$49,545/\$59,270	\$54,595/\$60,740	\$51,015/ \$53,610	\$56,065/\$57,260
<u>Dimensions</u>				
Wheelbase	107.9 in	107.1 in	100.4 in	97.2 in
Length/Width/Height	179.4/72.4/55.3 in	188.5/75.4/54.3 in	172.4/72.6/51.8 in	172.5/73.0/50.9 in
Track, F/R	62.2/62.8 in	62.4/65.1 in	61.2/61.6 in	62.8/62.6 in
Passenger Volume, F/R	52/33 ft ³	55/- ft ³	52/- ft ³	51/- ft ³
Cargo Volume	14 ft ³	14 ft ³	7 ft ³	10 ft ³
<u>Powertrain</u>				
Engine	turbocharged DOHC 24-valve inline-6 183 in ³ (2998 cm ³)	DOHC 32-valve V-8 307 in ³ (5038 cm ³)	twin-turbocharged DOHC 24-valve V-6 183 in ³ (2997 cm ³)	turbocharged DOHC 24-valve inline-6 183 in ³ (2998 cm ³)
Power, hp @ rpm	382 @ 6500	480 @ 7250	400 @ 6400	382 @ 6500
Torque, lb-ft @ rpm	369 @ 1800	410 @ 4800	350 @ 1600	368 @ 1800
Redline/Fuel Cutoff	7000/7000 rpm	7500/7500 rpm	7000/7000 rpm	6500/7000 rpm
lb per hp	10.1	7.9	8.8	8.9
<u>Driveline</u>				
Transmission	8-speed automatic	6-speed manual	6-speed manual	8-speed automatic
Driven Wheels	all	rear	rear	rear
Final-Drive Ratio:1	2.81	3.73	3.54	3.15
<u>Chassis</u>				
Suspension	F: struts, coil springs, anti-roll bar R: multilink, coil springs, anti-roll bar	F: struts, coil springs, anti-roll bar R: multilink, coil springs, anti-roll bar	F: struts, coil springs, anti-roll bar R: multilink, coil springs, anti-roll bar	F: struts, coil springs, anti-roll bar R: multilink, coil springs, anti-roll bar
Brakes	F: 14.7-in vented disc R: 13.6-in vented disc	F: 15.0-in vented disc R: 13.0-in vented disc	F: 14.0-in vented disc R: 13.8-in vented disc	F: 13.7-in vented disc R: 13.6-in vented disc
Stability Control	fully defeatable, traction off, launch control	fully defeatable, traction off, compe- tition mode, launch control	fully defeatable, launch control	fully defeatable, traction off, launch control
Tires	Michelin Pilot Sport 4S F: 245/35ZR-19 (93Y) ★ R: 255/35ZR-19 (96Y) ★	Michelin Pilot Sport Cup 2 F: 305/30ZR-19 (98Y) R: 315/30ZR-19 (100Y)	Bridgestone Potenza S007 B-Silent F: 255/40R-19 96W R: 275/35R-19 96W	Michelin Pilot Super Sport F: 255/35ZR-19 (96Y) ★ R: 275/35ZR-19 (100Y) ★
TEST RESULTS				
<u>Acceleration</u>				
30 mph	1.2 sec	1.7 sec	1.8 sec	1.4 sec
60 mph	3.6 sec	4.5 sec	4.5 sec	3.7 sec
100 mph	9.0 sec	11.2 sec	10.6 sec	9.1 sec
1/4-Mile @ mph	12.1 sec @ 114	13.1 sec @ 108	13.0 sec @ 111	12.2 sec @ 114
130 mph	16.4 sec	21.3 sec	19.0 sec	16.6 sec
	Results above omit 1-ft rollout of 0.2 sec.	Results above omit 1-ft rollout of 0.3 sec.	Results above omit 1-ft rollout of 0.3 sec.	Results above omit 1-ft rollout of 0.3 sec.
Rolling Start, 5-60 mph	4.8 sec	5.3 sec	5.3 sec	4.7 sec
Top Gear, 30-50 mph	2.4 sec	11.0 sec	8.0 sec	2.5 sec
Top Gear, 50-70 mph	3.0 sec	11.1 sec	6.0 sec	2.9 sec
Top Speed	150 mph (gov ltd)	168 mph (mfr's claim)	160 mph (C/D est)	160 mph (gov ltd)
<u>Chassis</u>				
Braking, 70-0 mph	153 ft	138 ft	166 ft	147 ft
Braking, 100-0 mph	304 ft	284 ft	331 ft	297 ft
Roadholding, 300-ft Skidpad	0.98 g	1.06 g	0.93 g	1.00 g
<u>Weight</u>				
Curb	3864 lb	3793 lb	3507 lb	3382 lb
Distribution, F/R	53.2/46.8%	54.6/45.4%	56.4/43.6%	51.7/48.3%
<u>Fuel</u>				
Capacity/Octane	13.7 gal/91	16.0 gal/93	16.4 gal/93	13.7 gal/91
EPA Comb/City/Hwy	26/23/32 mpg	17/14/22 mpg	20/18/24 mpg	25/22/30 mpg
C/D 650-mi Trip	18 mpg	14 mpg	17 mpg	18 mpg
<u>Sound Level</u>				
Idle/Full Throttle	39/86 dBA	52/90 dBA	43/83 dBA	42/ 81 dBA
70-mph Cruise	65 dBA	70 dBA	70 dBA	68 dBA
TESTED BY DAVID BEARD AND DAN EDMUNDS IN CALIFORNIA CITY, CA				

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FINAL RESULTS

Maximum points available

1. Ford Mustang Mach 1	9	7	0	0	5	1	7	6	9	1	17	62	15	3	6	9	9	42	20	9	9	10	8	56	25	185
2. Toyota GR Supra 3.0	8	7	0	0	4	4	9	8	5	2	19	66	20	3	10	8	7	48	18	8	8	9	7	50	20	184
3. BMW M240i xDrive	6	8	2	5	5	10	9	7	7	1	18	78	20	2	10	6	7	45	17	6	6	8	5	42	16	181
4. Nissan Z	7	7	0	0	3	3	6	8	8	0	20	62	16	3	9	6	7	41	14	6	5	6	6	37	14	154

*These objective scores are calculated from the vehicles' dimensions, capacities, rebates and extras, and/or test results.