



Mercedes-Benz

MY12 M-Class Technical Data (1 of 3)

	ML350 4MATIC	ML350 BlueTEC	ML550 4MATIC	ML63 AMG
Engine Configuration	V6 Gasoline	V6 Diesel	V8 Gasoline	V8 Gasoline
Horsepower (hp)	302 @ 6,500 rpm	240 @ 3,600 rpm	402 @ 5,000-5,750 rpm	518 @ 5,250 rpm
Torque (lb-ft)	273 @ 3,500 – 5,250 rpm	455 @ 1,600 – 2,400 rpm	443 @ 1,600 – 4,750 rpm	516 @ 1,750 – 5,000 rpm
Displacement (cm³)	3,498	2,987	4,663	5,461
Engine Block Angle (degrees)	60	72	90	n/a
Bore (mm)	92.9	83.0	92.9	98.0
Stroke (mm)	86.0	92.0	86.0	90.5
# Valves per cylinder	4	4	4	4
Compression	12.0	15.5	10.5	10.0
Transmission	7G-TRONIC PLUS	7G-TRONIC PLUS	7G-TRONIC PLUS	AMG SPEED SHIFT
Transmission Speeds	7	7	7	7
Drive Configuration	Permanent AWD	Permanent AWD	Permanent AWD	Permanent AWD



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	ML350 4MATIC	ML350 BlueTEC	ML550 4MATIC	ML63 AMG
Acceleration 0-60mph (sec.)	7.5 (est.)	7.5 (est.)	5.3 (est.)	4.7 (est.)
Fuel Economy City/Hwy (mpg)	17/22 (est.)	20/25 (est.)	tbd	15/25 (est.)
Turning Circle (ft.)	38.7	38.7	38.7	38.7
Wheelbase (in.)	114.8	114.8	114.8	114.8
Length /Height /Width (in.)	189.1/70.7/84.3	189.1/70.7/84.3	189.1/70.7/84.3	189.1/70.7/84.3
Curb weight (lbs.)	4,751	5,038	4,984	5,170
Cargo Capacity behind 2nd/1st (cu. ft.)	36.2/71.0	36.2/71.0	36.2/71.0	36.2/71.0
Fuel Tank (gallons)	27.7	27.7	27.7	27.7
Headroom Front 1st/2nd Row (in.)+	38.9/38.5	38.9/38.5	38.9/38.5	38.9/38.5
Legroom Front 1st/ 2nd Row (in.)	40.3/38.4	40.3/38.4	40.3/38.4	40.3/38.4
Shoulder Room Front 1st/ 2nd Row (in.) +With sunroof	58.5/58.4	58.5/58.4	58.5/58.4	58.5/58.4



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	ML350 4MATIC	ML350 BlueTEC	ML550 4MATIC	ML63 AMG
Standard Front Wheel	8 J x 19 ET 56	8 J x 19 ET 56	8.5 J x 19 ET 59	9 J x 20 ET 41
Standard Rear Wheel	8 J x 19 ET 56	8 J x 19 ET 56	8.5 J x 19 ET 59	9 J x 20 ET 41
Standard Front Tire Size	255/50 R19	255/50 R19	255/50 R19	265/45 R20
Standard Rear Tire Size	255/50 R19	255/50 R19	255/50 R19	265/45 R20
Standard Tire Type	All-Season	All-Season	All-Season	All-Season
Front Brake	Internally ventilated discs	Internally ventilated discs	Internally ventilated discs	Ventilated & perforated
Front Brake Size (in.)	13.0/1.3	13.0/1.3	14.76/1.4	15.4/1.4
Rear Brake	Solid discs	Solid discs	Internally ventilated discs	Ventilated & perforated
Rear Brake Size (in.)	12.8/0.6	12.8/0.6	13.0/0.9	13.6/1.0
Standard Front Suspension	Independent Double wishbone	Independent Double wishbone	Independent Double wishbone	n/a
Standard Rear Suspension	Independent, 4-link	Independent, 4-link	Independent, 4-link	n/a
Track Width Front / Rear (in.)	64.7/65.2	64.7/65.2	64.4/65.0	n/a
Coefficient of Drag (Cd)	0.35	0.35	0.35	n/a