


INFINITI.
Infiniti USA

Learn the technical details of the M.

Power

	M35	M35x AWD	M45	M45x AWD
Engine	3.5-liter (3,498cc) 24-valve V6, aluminum-alloy block and heads. Low-friction molybdenum-coated pistons. ?		4.5-liter (4,494cc) 32-valve V8, aluminum-alloy block and heads. Low-friction molybdenum-coated pistons.	
Valvetrain	Double overhead cam (DOHC), 4 valves per cylinder with microfinished camshafts. Continuously Variable Valve Timing Control System (CVTCS) optimizes opening of intake valves.		Double overhead cam (DOHC), 4 valves per cylinder with microfinished camshafts. Titanium intake and exhaust valves. Continuously Variable Valve Timing Control System (CVTCS) optimizes opening of intake valves.	
Intake System	High-flow tuned induction system		Variable-flow induction system optimizes airflow for low- and high-speed operation.	
Horsepower	275 hp @ 6,200 rpm		325 hp @ 6,400 rpm	
Torque	268 lb-ft @ 4,800 rpm		336 lb-ft @ 4,000 rpm	
Transmission	? 5-speed automatic transmission and manual shift mode with Downshift Rev Matching			
Drive Wheels	Rear-wheel drive	Intelligent All-Wheel Drive (AWD)	Rear-wheel drive	Intelligent All-Wheel Drive (AWD)

Handling

	M35	M35x AWD	M45	M45x AWD
Steering				
Type	Engine-speed-sensitive variable-assist power rack-and-pinion			
Turning diameter	36.7 feet	36.1 feet	36.7 feet	36.1 feet
Suspension				
Front	Independent, double-wishbone with coil springs over shock absorbers, stabilizer bar. ?			
Rear	Independent, multi-link with coil springs over shock absorbers, stabilizer bar. ?			
Sport Package	Rear Active Steer and sport-tuned suspension		Rear Active Steer and sport-tuned suspension	
Brakes				
Front	12.6 x 1.1-inch ventilated discs			
Rear	12.1 x 0.6-inch ventilated discs			
Wheels and Tires				
Wheels	Split 5-spoke, 18 x 8.0-inch aluminum-alloy			



FEEDBACK

Sport Package Wheels	Split 5-spoke, 19 x 8.5-inch aluminum-alloy		Split 5-spoke, 19 x 8.5-inch aluminum-alloy	
Tires	245/45R18 V-rated all-season performance			
Sport Package Tires	245/40R19 W-rated summer performance		245/40R19 W-rated summer performance	
Spare Tire	Temporary use, 145/80D17			

Dimensions

	M35	M35x AWD	M45	M45x AWD
Exterior				
Coefficient of drag	0.28			
Overall length	194.1 inches			
Wheelbase	114.2 inches			
Overall width	71.1 inches			
Track width (front/rear)	60.2 inches/60.8 inches	60.4 inches/60.4 inches	60.2 inches/60.8 inches	60.4 inches/60.4 inches
Overall height	59.4 inches	60.0 inches	59.4 inches	60.0 inches
Interior				
Headroom	39.6 inches (front)/37.8 inches (rear)/37.1 inches (rear with Premium Package)			
Legroom	44.2 inches (front)/37.3 inches (rear)/36.2 inches (rear with Premium Package)			
Shoulder room	58.2 inches (front)/56.9 inches (rear)/56.7 inches (rear with Premium Package)			
Hip room	55.1 inches (front)/53.9 inches (rear)			
Capacities and Weights				
Curb weight	3,876 lbs	4,041 lbs	3,990 lbs	4,176 lbs
Weight distribution	53/47 percent (front/rear)	54/46 percent (front/rear)	54/46 percent (front/rear)	55/45 percent (front/rear)
Passenger volume	105.2 cubic feet			
Cargo volume	14.9 cubic feet			
Fuel capacity	20.0 gallons			

EPA Estimated Fuel Economy [1]

	M35	M35x AWD	M45	M45x AWD
City/Highway	16 mpg/23 mpg	16 mpg/22 mpg	16 mpg/21 mpg	14 mpg/20 mpg

[1] For model year 2008, the EPA has revised the way the estimated fuel economy rating is determined. For example, the combined fuel economy range for the comparable class of vehicle in 2007 was 9?32 mpg, but under EPA's revised fuel economy test procedures, the comparable class combined range for 2008 may be 10?30 mpg according to EPA's preliminary estimates.

*All prices are Manufacturer's Suggested Retail Price (MSRP). MSRP excludes destination and handling charges, tax, title, license, and options. Dealer sets actual price.