

## 2009 Matrix Features

	Matrix	Matrix XR	Matrix XRS	Matrix AWD
<b>INTERIOR</b>				
AM/FM CD/MP3/WMA Player, Audio Auxiliary Input Jack, Roof-Mounted Antenna	●	●	–	●
4-Speakers	●	–	–	●
6-Speakers	–	●	–	–
JBL AM/FM CD/MP3/WMA Changer, Audio Auxiliary Input Jack, Bluetooth Capability, Steering Wheel Audio Controls, 7-Speakers	–	–	●	–
Air Conditioning	–	●	●	●
Cabin Air Filter, Rear Seat Heater Ducts	●	●	●	●
Front Bucket Seats	●	●	●	●
Driver Seat Recline	●	●	●	●
Driver Cushion Height Adjustment	●	●	●	●
Passenger Seat Recline	●	●	●	●
Passenger Seat Fold-Down Seat Back	–	●	●	●
60/40 Split Rear Bench Seat w/Fold-Down Seat Back	●	●	●	●
Fabric-Covered Headrests w/Vertical Adjustment, Fabric Seat Material	●	●	●	●
Power Windows w/Driver Side Auto Down, Power Door Locks	–	●	●	●
Optitron Electronic Gauges, Tachometer, Water Temperature Gauge, Outside Temperature Gauge, Dual Trip Odometer	●	●	●	●
Dual Vanity Mirrors	●	●	●	●
3-Spoke Tilt, Telescopic Steering Wheel	●	●	●	●
Leather-Wrapped Steering Wheel	–	–	●	–
Fabric Headliner	●	●	●	●
Driver Footrest	●	●	●	●
Carpeting, Carpet Floor Mats, Tonneau Cover	●	●	●	●
<b>CONVENIENCE</b>				
Cruise Control	–	●	●	–
Digital Clock	●	●	●	●
Front & Rear Cup Holders	●	●	●	●
Accessory Power Outlet	●	●	●	●
Accessory Power Outlet [115v]	–	–	●	–
Driver's Coin Case Compartment	●	●	●	–
Door Map Pockets, Coat Hooks, Shopping Bag Hooks	●	●	●	●
Driver's Seat Back Pocket, Centre Console Box w/Armrest	●	●	●	●
Map Lamps	●	●	●	●
Cargo Lamp	●	●	●	●
Cargo Area Tie-Down Rings	●	●	●	●
Keyless Entry	–	●	●	●
Illuminated Entry	●	●	●	●

● = Standard ○ = Optional – = Not Available

	Matrix	Matrix XR	Matrix XRS	Matrix AWD
<b>SAFETY</b>				
Dual-Stage Driver & Front Passenger Airbag Supplemental Restraint System (SRS)*	●	●	●	●
Front Passenger Airbag Occupancy Classification Indicator	●	●	●	●
Front Seat-Mounted Side Airbags (SRS)*	●	●	●	●
Front & Rear Head/Side Curtain Airbags (SRS)*	●	●	●	●
Active Front Headrest	●	●	●	●
Front Seatbelt Pre-Tensioners & Force Limiters	●	●	●	●
All-Position 3-Point Lap & Shoulder Belts	●	●	●	●
Adjustable "B" Pillar Shoulder Belt Anchors	●	●	●	●
Anchor Points for Child Restraint Seats	●	●	●	●
Child Protector Rear Door Locks	●	●	●	●
Assist Grips	●	●	●	●
Engine Immobilizer	●	●	●	●
Remote Fuel Lid Release	●	●	●	●
Low Engine Oil Level, Low Fuel, Low Washer Fluid, Door Ajar, Headlamps, Driver & Front Passenger Seatbelt Warning Indicators	●	●	●	●
Tire Pressure Monitoring System	–	●	●	●

	Matrix	Matrix XR	Matrix XRS	Matrix AWD
<b>EXTERIOR</b>				
16" Steel Wheels, Wheel Covers	●	●	–	●
18" Aluminum Alloy Wheels, Wheel Locks	–	–	●	–
Side Window Defoggers	●	●	●	●
Electric Rear Window Defroster w/Timer	●	●	●	●
Tinted Glass	●	●	●	●
Fuel Cap Hanger	●	●	●	●
Coloured Bumpers, Front & Rear Splash Guards	●	●	–	●
Coloured Door Handles	–	–	–	●
Coloured Mirrors, Door Handles	–	●	–	–
Coloured Front & Rear Skirt Package, Bumpers, Mirrors, Door Handles, Power Moonroof	–	–	●	–
Dual Black, Heated, Power Remote-Control Mirrors	●	–	–	●
Dual Coloured Heated, Power Remote-Control Mirrors	–	●	●	–
Intermittent Wipers, Rear Window Intermittent Wiper/Washer	●	–	–	●
Variable Intermittent Wipers, Rear Window Intermittent Wiper/Washer	–	●	●	–
Reflector-Style Halogen Headlamps	●	●	●	●
Fog Lamps	–	–	●	–

	Matrix	Matrix XR	Matrix XRS	Matrix AWD
<b>PACKAGES</b>				
<b>Matrix "B" Package:</b> Air Conditioning, Power Windows, Power Door Locks, Keyless Entry, Tire Pressure Monitoring System	○	–	–	–
<b>Matrix Touring Package:</b> "B" Package plus 16" Aluminum Alloy Wheels, Wheel Locks, Cruise Control, Fog Lamps, Rear Lip Spoiler, Coloured Door Handles	○	–	–	–
<b>XR "B" Package:</b> Steering Wheel Audio Controls, 17" Aluminum Alloy Wheels, P215/45R17 All-Season Radial Tires, Wheel Locks, Vehicle Stability Control, Traction Control, Leather-Wrapped Steering Wheel, Rear Lip Spoiler	–	○	–	–
<b>XR Sport Package:</b> XR "B" Package plus In-Dash 6-Disc CD Changer, Power Tilt/Slide Moonroof w/Sunshade, Front Chin Spoiler, Chrome Exhaust Tip, Rear Skirt, Electrochromic Rear View Mirror w/Digital Compass, Fog Lamps (Delete Front and Rear Splash Guards), Garage Door Remote/Sunglass Storage	–	○	–	–

<b>XR AWD Package:</b> Steering Wheel Audio Controls, 2 Additional Speakers, P215/45R17 All-Season Radial Tires, 17" Aluminum Alloy Wheels, Wheel Locks, Vehicle Stability Control, Traction Control, Cruise Control, Leather-Wrapped Steering Wheel, Rear Lip Spoiler, Front Console Box	–	–	–	○
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<b>XR AWD Sport Package:</b> AWD Package plus In-Dash 6-Disc CD Changer, Power Tilt/Sliding Moonroof w/Sunshade, Front Chin Spoiler, Chrome Exhaust Tip, Rear Skirt, Electrochromic Rear Mirror w/Digital Compass, Fog Lamps (Delete Front and Rear Splash Guards), Garage Door Remote/Sunglass Storage	–	–	–	○
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\*Airbag Notice: The 2009 Matrix features a driver & front passenger airbag Supplemental Restraint System (SRS) which usually activates in a full-frontal collision of sufficient magnitude to inflate the bags. In moderate frontal collisions, the airbags may not inflate; in a rear or side collision the airbags are designed not to inflate, so the primary protection is provided by the lap and shoulder belt system. The 2009 Matrix also features a front seat-mounted side airbag and front and rear head/side curtain airbag Supplemental Restraint System (SRS) which usually activates in a side-impact collision of sufficient magnitude to inflate the bags. *Seatbelts must be worn at all times by all occupants.*

## 2009 Matrix Specifications

	Matrix	Matrix XR	Matrix XRS	Matrix AWD
<b>MECHANICAL</b>				
<b>Engine</b>				
1.8 Litre, 4-Cylinder, DOHC, 16-Valve, Dual Variable Valve Timing w/intelligence (Dual VVT- <i>i</i> ), Sequential Multiport Electronic Fuel Injection	●	–	–	–
2.4 Litre, 4-Cylinder, DOHC, 16-Valve, Variable Valve Timing w/intelligence (VVT- <i>i</i> ), Sequential Multiport Electronic Fuel Injection	–	●	●	●
<b>Compression Ratio</b>				
10.0:1	●	–	–	–
9.8:1	–	●	●	●
<b>Horsepower</b>				
132 hp [98.4 kW] @ 6000 rpm	●	–	–	–
158 hp [118 kW] @ 6000 rpm	–	●	●	●
<b>Torque</b>				
128 lb.ft. [174 N.m.] @ 4400 rpm	●	–	–	–
162 lb.ft. [220 N.m.] @ 4000 rpm	–	●	●	●
<b>Suspension</b>				
Front: Independent, MacPherson Gas Struts, Coil Springs, Stabilizer Bar	●	●	●	●
Rear: Torsion Beam Type, Gas Shock Absorbers, Coil Springs, Stabilizer Bar	●	●	–	–
Rear: Independent Double Wishbone Type, Gas Shock Absorbers, Coil Springs, Stabilizer Bar	–	–	●	●
Front: Front Strut Tower Bar	–	–	●	–
<b>Drivetrain</b>				
Front Engine/Front Wheel Drive	●	●	●	–
Active Torque Control System, AWD	–	–	–	●
Vehicle Stability Control (VSC), Traction Control (TRAC)	–	○	●	○
<b>Transmission</b>				
5-Speed, Manual, Overdrive	●	●	●	–
4-Speed, Automatic, Overdrive, Electronically Controlled Transmission (ECT), Lock-Up Torque Converter	○	–	–	●
5-Speed, Automatic, Overdrive, Electronically Controlled Transmission (ECT), Lock-Up Torque Converter, Sequential Multi-Mode Shifter	–	○	○	–
<b>Brakes</b>				
Power-Assisted, Ventilated Front Discs, Rear Discs	●	●	●	●
Antilock Braking System (ABS) w/Electronic Brake-force Distribution (EBD) & Brake Assist (BA)	●	●	●	●
<b>Steering</b>				
Electric Rack & Pinion Power Steering	●	●	●	●
<b>Tires</b>				
P205/55R16, All-Season Radials, Compact Spare	●	●	–	●
P215/45R18, All-Season Radials, Compact Spare	–	–	●	–
P215/45R17, All-Season Radials	–	○	–	○

● = Standard ○ = Optional – = Not Available

	Matrix	Matrix XR	Matrix XRS	Matrix AWD
<b>DIMENSIONS</b>				
<b>Length</b>				
4365 [171.8]	●	●	–	●
4395 [173.0]	–	–	●	–
<b>Width</b>	●	●	●	●
<b>Height (Unloaded)</b>				
1550 [61.0]	●	●	–	–
1560 [61.4]	–	–	●	●
<b>Wheelbase</b>	2600 [102.3]	●	●	●
<b>Tread</b>				
Front: 1517 [59.7]	●	●	●	●
Rear: 1517 [59.7]	●	●	–	–
Rear: 1515 [59.6]	–	–	●	●
<b>Seating Capacity</b>	5	●	●	●
<b>Ground Clearance</b>				
147.2 [5.8]	●	●	–	●
135.0 [5.3]	–	–	●	–
<b>Headroom</b>				
Front: 1029 [40.5]	●	●	–	●
Rear: 999 [39.3]	●	●	–	●
Front: 988 [38.9] w/Moonroof	–	○	●	○
Rear: 982 [38.6] w/Moonroof	–	○	●	○
<b>Legroom</b>				
Front: 804 [31.6]	●	●	●	●
Rear: 684 [26.9]	●	●	●	●
<b>Shoulder Room</b>				
Front: 1354 [53.3]	●	●	●	●
Rear: 1336 [52.6]	●	●	●	●

	Matrix	Matrix XR	Matrix XRS	Matrix AWD
<b>GROSS VEHICLE WEIGHT</b>				
<b>kg (lb.)</b>				
1750 [3860]	●	–	–	–
1830 [4035]	–	●	–	–
1860 [4110]	–	–	●	–
1930 [4255]	–	–	–	●

	Matrix	Matrix XR	Matrix XRS	Matrix AWD
<b>CURB WEIGHT</b>				
<b>kg (lb.)</b>				
Manual				
1290 [2844]	●	–	–	–
1345 [2965]	–	●	–	–
1395 [3075]	–	–	●	–
Automatic				
1310 [2888]	○	–	–	–
1380 [3042]	–	○	–	–
1430 [3152]	–	–	○	–
1485 [3274]	–	–	–	●

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<b>TOWING CAPACITY</b>				
<b>kg (lb.)</b>				
680 [1500]	●	●	●	●

	Matrix	Matrix XR	Matrix XRS	Matrix AWD
<b>CARGO CAPACITY</b>				
<b>m<sup>3</sup> (cu.ft.)</b>				
1.4 [49.4] Behind Front Seats	●	●	●	●
0.56 [19.8] Behind Rear Seats	●	●	●	●

	Matrix	Matrix XR	Matrix XRS	Matrix AWD
<b>TURNING CIRCLE</b>				
<b>m (ft.)</b>				
11.6 [38.1]	●	●	●	●

	Matrix	Matrix XR	Matrix XRS	Matrix AWD
<b>FUEL CAPACITY</b>				
<b>litres (gal)</b>				
50.0 [11.0]	●	●	●	●

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<b>FUEL CONSUMPTION RATING**</b>				
	<i>L/100 km</i>	<i>mpg</i>		
City/Highway/Combined				
Manual	7.8/6.2/7.1	36/46/40	●	–
Manual	9.6/7.1/8.5	29/40/33	–	●
Automatic	8.1/6.2/7.2	35/46/39	○	–
Automatic	9.7/6.9/8.4	29/41/34	–	○
	10.2/7.6/9.1	28/37/31	–	–

\*\* These estimates are based on the Government of Canada's approved criteria and testing methods. The actual fuel consumption of this vehicle may vary. Refer to the Government of Canada publication *EnerGuide Fuel Consumption Guide*.

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