

## 2009 Infiniti EX35

### Technical Specifications, Features and Options

Source of Production: Nissan Motor Co., Ltd.

Assembly Plant Location: Tochigi, Japan

<b>ENGINE</b>	<b>EX35</b>
Type	VQ35HR DOHC 24-valve
Orientation	Longitudinal
Cylinders / configuration	V6 with Teflon® coated pistons
Block / head composition	Aluminum-alloy / Aluminum-alloy
Displacement	3.5 liters
Horsepower	297 @ 6,800 rpm
Torque (lb-ft)	253 @ 4,800 rpm
Bore x stroke (mm)	95.5 x 81.4
Compression ratio (:1)	10.6
Induction system	Sequential multi-port electronic fuel injection
Valvetrain	4 valves per cylinder with continuous valve timing control
Recommended fuel	Premium (recommended)
Emissions system	Stainless steel
Exhaust	Single system with two flexible couplings
Maximum engine speed	7,600 rpm
Emissions certification level	50-state LEV2-LEV (CA), Tier2 (B5) (Fed)

<b>ELECTRICAL</b>	
Electronic ignition system	S
Starter rating	12 volt
Alternator	12V – 150 AMP

<b>DRIVETRAIN</b>	<b>EX35 RWD</b>		<b>EX35 AWD</b>	
	<b>Base</b>	<b>Journey</b>	<b>Base</b>	<b>Journey</b>
Drive configuration Rear Wheel Drive All-wheel Drive (ATTESA E-TS)	S -		- S	
Transmission type	5-speed electronically controlled automatic overdrive transmission with manual shift mode and Downshift Rev Matching			
Vehicle Dynamic Control (VDC) with Traction Control and cancel switch	S			
Snow Mode function	-		S	
Gear ratios (:1)				
<b>1st</b>	3.841			
<b>2nd</b>	2.352			
<b>3rd</b>	1.529			
<b>4th</b>	1.000			
<b>5th</b>	0.839			
<b>Reverse</b>	2.764			
Final drive ratio (:1)	3.692			

<b>BODY, SUSPENSION AND STEERING</b>	<b>EX35 RWD</b>		<b>EX35 AWD</b>	
	<b>Base</b>	<b>Journey</b>	<b>Base</b>	<b>Journey</b>
Body type	Corrosion resistant and high strength steel unibody			

## 2009 Infiniti EX35

### Technical Specifications, Features and Options

	construction, aluminum-alloy hood			
Front suspension	Subframe-mounted independent double-wishbone, aluminum-alloy upper and lower links, high-performance dual-flow pass shock absorbers, stabilizer bar (26 mm)			
Rear suspension	Independent multi-link design, aluminum-alloy upper and lower links and axle housing, high-performance dual-flow pass shock absorbers, stabilizer bar (24.2 mm)			
Steering type	Engine-speed-sensitive variable assist			
Steering ratio (:1)	17.1		16.8	
Turning diameter (curb-to-curb) (ft)	34.8		36.0	
Turns (lock-to-lock)	17-inch wheels	3.15		2.97
	18-inch wheels	3.06		2.85
Steering wheel	3-spoke leather-wrapped			
Manual tilt	S	-	S	-
Manual telescoping	S	-	S	-
Power tilt	-	S	-	S
Power telescoping	-	S	-	S
Cruise control/audio switches	S			
Bluetooth switches	-	O	-	O

BRAKES				
Front: 12.6-inch x 1.3-inch power-assisted vented disc	S			
Rear: 12.1-inch x 0.6-inch power-assisted vented disc				
Electronic Brake force Distribution (EBD) and Brake Assist (BA)				
4-channel/4-sensor/4-wheel Anti-lock Braking System (ABS)				
Preview Braking	-	O	-	O

WHEELS AND TIRES	EX35 RWD		EX35 AWD	
	Base	Journey	Base	Journey
<b>Wheels</b>				
17-inch 8-spoke aluminum-alloy, metallic finish	S			
18-inch 8-spoke aluminum-alloy, metallic finish	-	O	-	O
<b>Tires</b>				
P225/60R17 All-Season	S			
P225/55R18 All-Season	-	O	-	O
V-rated tires	S			

## 2009 Infiniti EX35

### Technical Specifications, Features and Options

EXTERIOR DIMENSIONS (inches unless noted otherwise)		EX35 RWD		EX35 AWD	
		Base	Journey	Base	Journey
Wheelbase		110.2			
Overall length		182.3			
Overall width		71.0			
Overall height		62.6			
Front track width		62.7			
Rear track width		64.6			
Minimum ground clearance	Stationary	6.5		5.7	
	Running	6.0		5.4	
Coefficient of Drag (Cd)		0.32			
Angle of approach (degrees)		16.4		16.1	
Angle of departure (degrees)		14.4		14.3	
Break over angle (degrees)		19.4		19.4	
Trunk liftover height		28.5			
Step-in height	Front	16.5			
	Rear	16.6			

EXTERIOR FEATURES AND OPTIONS		EX35 RWD		EX35 AWD	
		Base	Journey	Base	Journey
Halogen headlights with auto on/off		S			
Xenon HID headlights with auto on/off		-	0	-	0
Adaptive Front lighting System		-	0	-	0
Body-colored power-folding outside mirrors		S			
Heated outside mirrors		-	S	-	S
Driver's side puddle lamps		S			
Tilt-down mirrors in reverse		-	0	-	0
Body-colored front and rear bumpers		S			
Chrome grille, side window moldings and door handles		S			
Laminated UV-reducing windshield		S			
One-touch power tilt and slide sunroof w/ sunshade		-	S	-	S
Polished aluminum roof rails		S			

INTERIOR DIMENSIONS (inches)		Front	Rear
Head room	w/ moonroof	38.7	37.7
	w/o moonroof	40.5	38.4
Shoulder room		54.8	55.1
Hip room		52.9	50.0
Leg room		44.3	28.5

## 2009 Infiniti EX35

### Technical Specifications, Features and Options

INTERIOR FEATURES AND OPTIONS	EX35 RWD		EX35 AWD	
	Base	Journey	Base	Journey
Leather seating surfaces	S			
Driver's seat	8-way power, man. lumbar			
	2-way power lumbar			
	-	0	-	0
	2-driver memory			
	-	0	-	0
	Heated			
	-	S	-	S
	Auto entry/exit assist			
	-	0	-	0
Passenger's seat	4-way power			
	8-way power			
	-	0	-	0
	Heated			
	-	S	-	S
Rear bench seat	60/40 split, fold-down seatbacks			
	Power folding			
	-	0	-	0
Aluminum trim	S	-	S	-
Wood trim	-	S	-	S
Single sun visors with illuminated vanity mirrors and extenders	S			
Full-color Vehicle Information System	w/ 7-inch display			
Trip computer	S			
HomeLink® Universal Transceiver	-	0	-	0
Infiniti Navigation System	-	0	-	0
Automatic Climate Control	S			
Dual-zone Climate Control	-	S	-	S
Rear heating ducts under front seats	S			
Rear HVAC vents	S			

CAPACITIES	
Seating capacity	5
Passenger compartment volume (cubic feet)	107.1
Cargo volume (cubic feet, w/2 <sup>nd</sup> row seats up)	18.6
Fuel tank (gals.)	20.0
Engine oil (qts.)	5.7
Engine coolant (qts.)	9.6

CURB WEIGHTS		EX35 RWD		EX35 AWD	
		Base	Journey	Base	Journey
Curb weight (lbs.)	Front	1,973	2,002	2,141	2,158
	Rear	1,781	1,810	1,777	1,817
	Total	3,754	3,812	3,918	3,975
Weight distribution (% fr/rr)		52.6/ 47.4	52.5/ 47.5	54.6/ 45.4	54.3/ 45.7
	GVWR (lbs.)	4,861	4,861	5,024	5,024

EPA MILEAGE ESTIMATES (Actual mileage may vary)	EX35 RWD		EX35 AWD	
	Base	Journey	Base	Journey
City	17		16	
Highway	24		23	
CAFE Classification	Station Wagon			

## 2009 Infiniti EX35

### Technical Specifications, Features and Options

AUDIO SYSTEM	EX35 RWD		EX35 AWD	
	Base	Journey	Base	Journey
6-speaker AM/FM/CD w/ Auxiliary input, MP3 playback	S			
11-speaker Bose® premium audio system w/ Burr Brown Digital Audio Converter, AM/FM/6CD, auxiliary input, MP3 playback and Integration System for iPod®	-	0	-	0
9.3GB Music Box hard drive	-	0	-	0
Voice Recognition (VR)	-	0	-	0
Satellite Radio (XM®)	S			

COMFORT AND CONVENIENCE FEATURES	EX35 RWD		EX35 AWD	
	Base	Journey	Base	Journey
Cruise control with steering wheel switches	S			
Intelligent Cruise Control (ICC)	-	0	-	0
Driver and Front Passenger one-touch auto up/down power windows with safety reverse	S			
RearView Monitor	S			
Around View Monitor (AVM)	-	0	-	0
Bluetooth® Hands-free Phone System	-	0	-	0
Corner sensors	-	0	-	0
Infiniti Intelligent Key with push-button ignition system	S			
Dual-level locking front seat center console w/ armrest, 2 cup holders, CD storage and 12-volt outlet	S			
2 <sup>nd</sup> row center folding armrest	S			
Coat hanger on headrest	-	S	-	S
Cupholders	4			
12-volt outlets	2			
Locking glove compartment	S			

SAFETY AND SECURITY FEATURES				
Lane Departure Prevention (LDP)/Lane Departure Warning (LDW)	-	0	-	0
Intelligent Cruise Control (Full Speed Range)	-	0	-	0
Distance Control Assist (DCA)	-	0	-	0
Intelligent Brake Assist (IBA) with Forward Collision Warning	-	0	-	0
Infiniti Advanced Air Bag system, driver and front passenger seat-mounted side-impact air bags, front/rear side impact curtain air bags	S			
Front-seat active head restraints				
3-point front seat belts with adjustable upper anchors (passenger side ALR/ELR), pretensioners and load limiters				
3-point rear seat belts (ALR/ELR all positions)				
Shift interlock system				
Hood buckling creases and safety stops	S			
Zone Body Construction				
Body side reinforcements				
Child safety rear door locks				

## 2009 Infiniti EX35

### Technical Specifications, Features and Options

LATCH system: rear child safety seat tether anchors (3 in rear parcel shelf, lower rigid bar anchor with 2 positions)	
Power window lockout button	
Emergency inside trunk release	
Steering wheel lock	
Remote Keyless Entry system	
Vehicle Security System	
Brake Activated Front Pre-Crash Seatbelts	
Infiniti Vehicle Immobilizer System	

PACKAGES AND OPTIONS	EX35 RWD		EX35 AWD	
		Base	Journey	Base
<b>JourneyPremium Package:</b> Memory system for driver's seat, steering wheel and outside mirrors with synchronization, 8-way power passenger's set, 2-way power driver's lumbar and power tilt/telescoping steering column, Xenon headlights with Adaptive Front lighting System (AFS), HomeLink® Universal Transceiver, premium stitching on meter hood, power remote rear seat	-	0	-	0
<b>18-inch Wheel Package:</b> 18-inch aluminum-alloy wheels, P225/55R18 all-season tires	-	0	-	0
<b>Bose® &amp; Navigation Package:</b> Infiniti Hard Drive-based Navigation, Voice Recognition for HVAC, audio and navigation, XM® NavTraffic with Real-Time Traffic Information, 9.3GB Music Box hard drive with Compact Flash slot, AM/FM/single CD in-dash, Bose® Premium Audio System with Burr-Brown 24-bit Digital Audio Converter, 11 speakers including 2 subwoofers, Bluetooth® Hands-free Phone System	-	0	-	0
<b>Around View Monitor (AVM) Package:</b> (Requires Bose® & Navigation Package) Around View Monitor (AVM), Front and Rear Sonar Systems	-	0	-	0
<b>Technology Package:</b> (Requires Around View Monitor Package) Lane Departure Prevention System (LDP) and Lane Departure Warning System (LDW), Intelligent Cruise Control (Full Speed Range), Distance Control Assist (DCA), Intelligent Brake Assist (IBA) with Forward Collision Warning	-	0	-	0

**O** – Optional

**S** – Standard

3/09