

# 2011 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 molybdenum coated pistons
Block / head composition	Aluminum-alloy / Aluminum-alloy
Displacement	3.5 litres
Horsepower	297 @ 6,800 rpm
Torque (lb-ft)	253 @ 4,800 rpm
Compression ratio (:1)	10.3:1
Recommended fuel	Premium (recommended)

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

<b>DRIVETRAIN</b>	
Drive configuration All-wheel Drive (ATTESA E-TS)	S
Transmission type	7-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>	
Body type	Corrosion resistant and high strength steel unibody construction, aluminum-alloy hood, deck lid and door structures
Front suspension	Subframe-mounted independent double-wishbone, aluminum-alloy upper and lower links, high-performance dual-flow pass shock absorbers, stabilizer bar
Rear suspension	Independent multi-link design, aluminum-alloy upper

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	and lower links and axle housing, high-performance dual-flow pass shock absorbers, stabilizer bar
Steering type	Speed-sensitive variable assist
Steering ratio (:1)	16.8:1
Turning diameter (curb-to-curb) (ft)	40.4
Steering wheel	3-spoke leather-wrapped
Manual tilt	S
Manual telescoping	S
Power tilt	O
Power telescoping	O
Cruise control/audio switches	S
Bluetooth switches	O

<b>BRAKES</b>	
Front: 12.6-inch x 1.1-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

<b>WHEELS AND TIRES</b>	
<b>Wheels</b>	
18-inch 7-spoke aluminum-alloy, metallic finish	S
19-inch 8-spoke aluminum-alloy, metallic finish	O
<b>Tires</b>	
P225/60R17	S
P225/55R18	O
V-rated tires	S

<b>EXTERIOR DIMENSIONS (inches unless noted otherwise)</b>	
Wheelbase	2850mm
Overall length	4631mm
Overall width	1803mm
Overall height	1589mm
Front track width	1593mm
Rear track width	1641mm
Minimum ground clearance	Stationary Running
	144mm 137mm

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Coefficient of Drag (Cd)	0.32
Angle of approach (degrees)	16.1
Angle of departure (degrees)	14.3
Break over angle (degrees)	19.4

<b>EXTERIOR FEATURES AND OPTIONS</b>	
Halogen headlights with auto on/off	S
Bi-Xenon HID headlights with auto on/off	O
Adaptive Front lighting System	O
Body-coloured power outside mirrors	S
Heated outside mirrors	S
Driver's side puddle lamps	S
Tilt-down mirrors in reverse	O
Body-coloured 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 moonroof w/ sunshade	O
Polished aluminum roof rack	S

<b>INTERIOR DIMENSIONS (mm)</b>		<b>Front</b>	<b>Rear</b>
Head room	w/ sunroof	983	957
	w/o sunroof	1029	976
Shoulder room		1391	1400
Hip room		1343	1270
Leg room		1124	724

<b>INTERIOR FEATURES AND OPTIONS</b>		
Seating surfaces	Leather	S
Driver's seat	8-way power, man. lumbar	S
Passenger's Seat	4-way power	S
	8-way power	O
Rear bench seat		60/40 split, fold-down seatbacks
	Power folding	O
Aluminum trim		Meters, steering wheel, A/C vent, C-cluster
Wood trim	C-cluster	O
	Centre console	O
Single sun visors with illuminated vanity mirrors and extenders		S
Full-colour Vehicle Information System		w/ 7-inch display
Trip computer		S
Infiniti Navigation System		O
Automatic Climate Control		S
Dual-zone Climate Control		S
Rear heating ducts under front seats		S
Rear HVAC vents		S

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Fine vision electroluminescent gauge design changed with more white illumination	S
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<b>CAPACITIES</b>	
Seating capacity	5
Fuel tank (L)	76
Passenger compartment volume (L)	2597
Cargo volume (L)	527

<b>CURB WEIGHTS</b>		<b>Luxury</b>	<b>Journey</b>
Curb weight (kg)	TOTAL	1776	1794
GVWR (kg)		2218	2291

<b>EPA MILEAGE ESTIMATES</b> (L per 100km)	
City	12.9
Highway	8.5

<b>AUDIO SYSTEM</b>	
6-speaker AM/FM/CD w/ Auxiliary input and mp3 playback	S
USB Connection Port with Interface System for iPod	S
11-speaker Bose® premium audio system , AM/FM/6CD, Auxiliary input, mp3 playback and iPod® integration	O
9.3 GB Music Box hard drive	O
Satellite Radio (XM®)	S

<b>COMFORT AND CONVENIENCE FEATURES</b>	
Cruise control with steering wheel switches	S
Intelligent Cruise Control (ICC)	O
Driver and Front Passenger one-touch auto up/down power windows with safety reverse	S
Rear View Monitor	S
Around View Monitor (AVM)	O
Infiniti Intelligent Key with push-button ignition system	S
Dual-level locking front seat centre console w/ armrest, 2 cup holders, CD storage and 12-volt outlet	S
2 <sup>nd</sup> row centre folding armrest	S
Cupholders	4
12-volt outlets	2
Locking glove compartment	S
Dual Zone Automatic Temperature Control	S

<b>SAFETY AND SECURITY FEATURES</b>	
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Lane Departure Prevention (LDP)/Lane Departure Warning (LDW)	O
Infiniti Advanced Air Bag system, front seat mounted side impact air bags and front and rear side impact curtain air bags	S
Distance Control Assist (DCA)	O
Intelligent Brake Assist (IBA)	O
Blind Spot Warning (BSW)	O
LATCH system: rear child safety seat tether anchors (3 in rear parcel shelf, lower rigid bar anchor with 2 positions)	S
Remote Keyless Entry system	S
Vehicle Security System	
Brake Activated Front Pre-Crash Seatbelts	
Infiniti Vehicle Immobilizer System	

PACKAGES AND OPTIONS	
<b>Journey Package:</b> Auto-dimming Inside Mirror, Compass (in mirror), Power Sliding Tinted Glass Moonroof, Driver Seat Integrated Coat Hanger (in Headrest), Power Tilt/Telescoping Steering Wheel, Bluetooth® Handsfree Phone Maple Wood Door Trim, Maple Wood Centre Console and C-Stack Trim	O
<b>Navigation Package:</b> Infiniti HD Navigation System, Voice Recognition for HVAC, Audio and Navigation, 9.3-gigabyte Music Hard Drive, Single Disc in-dash DVD Audio Drive for Audio and Map Updates, , Zagat® Restaurant Guide	O
<b>Technology Package:</b> Lane Departure Prevention System (LDP) with Lane Departure Warning System (LDW), Intelligent Cruise Control (ICC), Distance Control Assist, Intelligent Brake Assist (IBA) with Forward Collision Warning, Blind Spot Warning (BSW)	O
<b>Premium Package:</b> 19-inch aluminum alloy wheels with P225/55 R18 Tires, BOSE® Premium Audio, with 11 Speakers and Subwoofer, 2GB Music Box Hard Drive, Around View Monitor, Front and Rear Sonar System, Advanced Climate Control System, High Intensity Discharge Bi-Xenon auto-leveling headlights with Adaptive Front lighting System (AFS), Auto Driving position, Memory System (2 positions), 8-way Power Passenger Seat vs 4-way Power, Power Lumbar Adjustment, Homelink® Universal Transceiver Power Remote Folding Rear Seat, Leather-look Meter Hood with Premium Stitching	O

# **2011 Infiniti EX35**

## *Technical Specifications, Features and Options*

**O** - Optional

**S** - Standard