

2011 Infiniti EX35

Technical Specifications, Features and Options

Source of Production: Nissan Motor Co., Ltd.

Assembly Plant Location: Tochigi, Japan

ENGINE	EX35
Type	VQ35HR 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
Maximum engine speed	7,600 rpm
Induction system	Sequential multi-port electronic fuel injection
Valvetrain	4 valves per cylinder with continuous valve timing control
Recommended fuel	Premium unleaded
Emissions system	Stainless steel
Exhaust	Single system with two flexible couplings
Emissions certification level	Tier2B5 (EPA) + LEV2-ULEV (CARB)

ELECTRICAL	
Electronic ignition system	S
Starter rating	12 volt
Alternator	12V - 150 AMP

DRIVETRAIN	EX35 RWD		EX35 AWD	
	Base	Journey	Base	Journey
Drive configuration Rear-wheel drive Intelligent All-Wheel Drive System		S		- S
Transmission type	7-speed electronically controlled automatic overdrive transmission with manual shift mode and Downshift Rev Matching			
Snow Mode function	S			
Gear ratios (:1)				
1st	4.923			
2nd	3.193			
3rd	2.042			
4th	1.411			
5th	1.000			
6th	0.862			
7th	0.771			
Reverse	3.972			
Final drive ratio (:1)	3.133			

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BODY, SUSPENSION AND STEERING	EX35 RWD		EX35 AWD	
	Base	Journey	Base	Journey
Body type	Corrosion resistant and high strength steel unibody 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	Vehicle-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)	3.06		2.85	
Steering wheel	3-spoke leather-wrapped			
Manual tilt	S	-	S	-
Manual telescopic	S	-	S	-
Power tilt	-	S	-	S
Power telescopic	-	S	-	S
Cruise control/audio switches	S			
Bluetooth® switches	-	S	-	S

BRAKES	EX35 RWD		EX35 AWD	
	Base	Journey	Base	Journey
Front: 12.6-inch x 1.3-inch power-assisted, vented disc	S			
Rear: 12.1-inch x 0.6-inch power-assisted disc				
Electronic Brake force Distribution (EBD) and Brake Assist (BA)				
4-channel/4-sensor/4-wheel Anti-lock Braking System (ABS)				

WHEELS AND TIRES	EX35 RWD		EX35 AWD	
	Base	Journey	Base	Journey
Wheels				
18-inch 8-spoke aluminum-alloy, metallic finish	S			
19-inch split 5-spoke aluminum-alloy	-	O	-	O
Tires				
P225/55R18 all-season	S			
P245/45R19 all-season	-	O	-	O
V-rated tires	S			
Spare tire T165/80R17	S			

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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	6.5		5.7	
Coefficient of drag (Cd)	0.32			
Angle of approach (degrees)	16.4		16.1	
Angle of departure (degrees)	14.4		14.3	
Breakover angle (degrees)	19.4		19.4	
Trunk liftover height	28.5			
Step-in height front/rear	16.5/16.6			

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 (AFS)	-	0	-	0
Body-color power-folding outside mirrors	S			
Heated outside mirrors	S			
Driver's side courtesy lights	S			
Reverse tilt-down mirror	-	0	-	0
Body-color front and rear bumpers	S			
Chrome grille, side window moldings and door handles	S			
Laminated UV-reducing windshield	S			
One-touch power sliding tinted glass moonroof with tilt feature, sliding sunshade and one-touch open/close	-	S	-	S
Aluminum roof rails	-	0	-	0

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

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INTERIOR FEATURES AND OPTIONS	EX35 RWD		EX35 AWD	
	Base	Journey	Base	Journey
Leather-appointed seats	S			
Driver's seat	S			
8-way power, man. lumbar	-	O	-	O
2-way power lumbar	-	O	-	O
2-driver memory	-	S	S	S
Heated	-	O	-	O
Auto entry/exit assist	S			
Passenger's seat	S			
4-way power	-	O	-	O
8-way power	-	S	S	S
Heated	60/40 split, fold-down seatbacks			
Rear bench seat	-	O	-	O
Power remote up-folding	S	-	S	-
Aluminum accents	-	S	-	S
Maple interior accents	S			
Single sun visors with illuminated vanity mirrors and extenders	w/ 7-inch display			
Full-color Vehicle Information System	S			
Trip computer	-	O	-	O
HomeLink® Universal Transceiver	-	O	-	O
Infiniti Hard Drive Navigation System	S			
Dual Zone Automatic Temperature Control (ATC)	-	O	-	O
Advanced Climate Control System (ACCS)	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 nd 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	1,971	1,988	2,132	2,149
	Rear	1,793	1,807	1,830	1,842
	Total	3,764	3,795	3,962	3,991
Weight distribution (% fr/rr)		52/48	52/48	54/46	54/46
GVWR (lbs.)		4,860	4,860	5,024	5,024

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

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AUDIO SYSTEM	EX35 RWD		EX35 AWD	
	Base	Journey	Base	Journey
6-speaker AM/FM/CD w/ auxiliary audio/video input jacks	S			
USB connection port for iPod® and other compatible devices	S			
11-speaker Bose® Premium Audio System with 2 Subwoofers	-	0	-	0
Streaming Audio via Bluetooth®		0		0
9.3GB Music Box® hard drive	-	0	-	0
Voice Recognition (VR)	-	0	-	0
XM® Satellite Radio	S			

COMFORT AND CONVENIENCE FEATURES	EX35 RWD		EX35 AWD	
	Base	Journey	Base	Journey
Cruise control with steering wheel switches	S			
Intelligent Cruise Control (Full-Speed Range)	-	0	-	0
Power windows with front one-touch auto-up/down with auto reverse feature	S			
RearView Monitor	S			
Around View™ Monitor (AVM) with Front and Rear Sonar System	-	0	-	0
Bluetooth® Hands-free Phone System	-	S	-	S
Infiniti Intelligent Key with Push-Button Ignition	S			
Dual-level locking front seat center console w/ armrest, 2 cup holders, CD storage and 12-volt DC power outlet	S			
2 nd row center folding armrest	S			
Coat hanger on headrest	-	0	-	0
Cupholders	4			
12-volt outlets	2			
Locking glove compartment	S			

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SAFETY AND SECURITY FEATURES				
Lane Departure Warning (LDW)/Lane Departure Prevention (LDP)	-	0	-	0
Distance Control Assist (DCA)	-	0	-	0
Intelligent Brake Assist (IBA) with Forward Collision Warning (FCW)	-	0	-	0
Infiniti Advanced Air Bag System (AABS), front seat-mounted side impact supplemental air bags, roof-mounted curtain side impact supplemental air bags	S			
Front-seat Active Head Restraints				
3-point ALR/ELR (driver ELR only) front seat belts with pretensioners and load limiters and adjustable upper anchors				
3-point rear seat belts (ALR/ELR all positions)				
Shift interlock system				
Hood buckling creases and safety stops				
Zone body construction with front and rear crumple zones				
Child safety rear door locks				
Lower Anchors and Tethers for CHildren (LATCH)				
Power window lockout button				
Emergency inside trunk release				
Steering wheel lock				
Remote keyless entry system				
Vehicle Security System				
Infiniti Vehicle Immobilizer System				
Vehicle Dynamic Control (VDC) with Traction Control System (TCS)				

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PACKAGES AND OPTIONS	EX35 RWD		EX35 AWD	
	Base	Journey	Base	Journey
Premium Package: Infiniti Hard Drive Navigation System with XM NavTraffic® with Real-Time Traffic Information, XM NavWeather™ with Real-Time Weather Information (XM® subscription required, sold separately) and Zagat Survey® Restaurant Guide, Voice Recognition for audio and navigation, 9.3GB Music Box®, Streaming Audio via Bluetooth®; Bose® Premium Audio System with 11 speakers including 2 subwoofers; Around View™ Monitor (AVM) including Front and Rear Sonar System; Advanced Climate Control System (ACCS) with Plasmacluster™ air purifier	-	O	-	O
Roof Rails: Aluminum roof rails	-	O	-	O
Deluxe Touring Package: 19-inch split 5-spoke aluminum-alloy wheels with P245/45R19 all-season performance tires; High Intensity Discharge (HID) xenon headlights; Adaptive Front lighting System (AFS) with auto-leveling headlights; dual occupant memory system for driver's seat; outside mirrors and steering wheel; entry/exit assist for driver's seat and steering wheel; outside mirrors with reverse tilt-down feature; 2-way power driver's seat lumbar support; coat hanger on driver's seat head restraint; 8-way power passenger's seat, power up-folding 2 nd row seats, HomeLink® Universal Transceiver, meter hood with premium stitching	-	O (Req. Premium and Roof Rail Pkgs.)	-	O (Req. Premium and Roof Rail Pkgs.)
Technology Package: Lane Departure Warning (LDW) and Lane Departure Prevention (LDP); Intelligent Cruise Control (Full-Speed Range); Distance Control Assist (DCA); Intelligent Brake Assist (IBA) with Forward Collision Warning (FCW); Blind Spot Warning (BSW)	-	O (Req. Deluxe Touring Pkg.)	-	O (Req. Deluxe Touring Pkg.)

O – Optional

S – Standard