

The 2005 Infiniti FX35 / FX45

“Best SUV/Crossover Over \$45,000: Infiniti FX Series”

– Editors’ Choice Awards, World of Wheels 2004 Car Catalogue



INFINITI.

SPECIFICATIONS – ENGINE PERFORMANCE

DRIVETRAIN

Engine

- FX35
 - 3.5-litre (3,498 cc) 24-valve V6, aluminum alloy block and heads. Low-friction molybdenum-coated pistons. Engine block heater.
- FX45
 - 4.5-litre (4,494 cc) 32-valve V8, aluminum alloy block and heads. Low-friction molybdenum-coated pistons. Engine block heater.

Valvetrain

- FX35
 - Double overhead cam (DOHC), 4 valves per cylinder with microfinished camshafts. Continuously Variable Valve Timing Control System (CVTCS) optimizes opening of intake valves.
- FX45
 - 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

- FX35
 - High-flow tuned induction system.
- FX45
 - Variable-flow induction system optimizes airflow for low- and high-speed operation.

Horsepower

- FX35
 - 280 HP @ 6,200 rpm
- FX45
 - 315 HP @ 6,400 rpm

Torque

- FX35
 - 270 lb-ft @ 4,800 rpm
- FX45
 - 329 lb-ft @ 4,000 rpm

Ignition

- Direct ignition system with platinum-tipped spark plugs.

Exhaust

- Stainless-steel exhaust system with dual chrome finishers.

Transmission

- Electronically controlled 5-speed automatic. Driver-adaptive learning algorithm senses driving style and adjusts automatic shifting accordingly. Manual shift mode offers sequentially selected manual gearshifts.

Drive wheels

- All-Wheel Drive (AWD)

Transfer case (AWD)

- Advanced Total Traction Engineering System for All Electronic Torque Split (ATTESA E-TS™) AWD features complete electronic control with electromagnetic coupling, variable coupling torque and millisecond response time. Advanced torque control automatically apportions power front-to-rear based on vehicle, road conditions and throttle input. Infinitely variable torque split (from 100 percent rear to 50/50 percent front-to-rear). In every situation, this control system provides an effective torque split. Accelerating from a stop, torque is split 50/50 for starting traction. Entering a corner or cruising without wheel slip, torque is sent 100% rearward. At speed, torque split varies from 0/100 to 50/50, depending on road conditions and throttle input. Driver-selectable snow mode improves traction in slick conditions, at speeds up to 30 km/h.

Transport Canada estimated fuel economy¹

- FX35
 - City 14.4 L/100 km (20 mpg) Hwy 9.9 L/100 km (29 mpg)
- FX45
 - City 15.6 L/100 km (18 mpg) Hwy 11.2 L/100 km (25 mpg)

STEERING

- Type: Engine-speed-sensing variable-assist power rack-and-pinion.
- Turning circle: 11.8 m (38.7 feet)

SUSPENSION

- Front: Independent, strut with high-strength steel lower link, shock absorbers, stabilizer bar.
- Rear: Independent, multi-link with forged-aluminum upper link, coil springs, outboard shock absorbers and stabilizer bar.
- Tuning: Sport-tuned suspension. (FX45)

BRAKES

- Front/Rear: 12.6 x 1.1-inch ventilated discs / 12.1 x 0.6-inch ventilated discs, 4-channel ABS.
- Anti-lock Braking System: 4-wheel, 4-channel ABS.
- Brake Assist: Brake Assist senses emergency-braking situations via how the driver applies the brakes. If emergency braking is detected, Brake Assist applies maximum brake for potentially shorter stops.
- Brake Assist with Preview²: Brake Assist with Preview uses the Intelligent Cruise Control sensors to detect vehicles ahead. If the system senses rapid closing distances to vehicles in the same lane, it automatically pre-pressurizes the braking system to anticipate emergency braking, for potentially improved braking system response to sudden driver input. (Included with optional Technology Package.)
- Electronic Brake force Distribution (EBD): EBD varies front-to-rear brake proportioning based on vehicle load, for improved braking performance, reduced front-end “dive” under braking and more even brake wear.

TRACTION AND DIRECTIONAL STABILITY

Traction Control (with Active Brake Limited-slip)

- Integrated with the ATTESA E-TS™ AWD and VDC systems, Traction Control senses wheelspin while accelerating, and automatically reduces engine output and brakes a slipping wheel(s), diverting power toward the wheels with greater traction.

Vehicle Dynamic Control (VDC)³

- VDC compares the driver's input to the vehicle's response while cornering. By selectively braking individual wheels and/or reducing engine output, VDC can help the driver maintain control of the vehicle.

WHEELS AND TIRES

Wheels

- FX35
 - 7-spoke, 8.0 x 18-inch aluminum alloy.
- FX45
 - 8-spoke, 8.0 x 20-inch aluminum alloy.
- FX45 (option)
 - 8-spoke, 8.0 x 20-inch chrome-finished alloy

Tires

- FX35
 - 265/60R18 V-rated all-season performance.
- FX45
 - 265/50R20 V-rated all-season performance.
- Spare tire: Temporary use, 175/90D18.

DIMENSIONS

- Coefficient of drag: 0.35
- Overall length: 4803 mm (189.1 inches)
- Wheelbase: 2850 mm (112.2 inches)
- Overall width: 1925 mm (75.8 inches)
- Tread width: 1593/1641 mm (62.7 inches/64.6 inches) front/rear
- Overall height: 1674 mm (65.9 inches)
- Headroom: 1006/998 mm (39.6/39.3 inches) front/rear
- Legroom: 1115/894 mm (43.9/35.2 inches) front/rear
- Shoulder room: 1445/1458 mm (56.9/57.4 inches) front/rear
- Hip room: 1379/1397 mm (54.3/55.0 inches) front/rear
- Angle of approach/departure: 28.5/21.2 degrees

CAPACITIES & WEIGHTS

- Passenger volume: 2976 litres (105.1 cubic feet)
- Total interior volume: 3752 litres (132.5 cubic feet)
- Cargo volume
 - rear seats upright: 776 litres (27.4 cubic feet)
 - rear seats folded: 1710 litres (60.4 cubic feet)
- Fuel capacity: 90 litres (19.8 gallons)
- Curb weight
 - FX35: 1936 kg (4,268 lb)
 - FX45: 1982 kg (4,370 lb)
- Weight distribution, % front/rear
 - FX35: 53/47
 - FX45: 54/46

All illustrations, photographs and specifications are based on the latest product information. For additional information, please contact your Infiniti Dealership.

¹ 2005 Transport Canada figures. Please see your Dealer for details. Actual mileage may vary with driving conditions. Use for comparison only.

² Brake Assist with Preview is only an aid to assist the driver and is not a collision warning or avoidance device. It is the driver's responsibility to stay alert, drive safely and be in control of the vehicle at all times.

³ VDC system is designed to help improve driving stability but does not prevent accidents due to abrupt steering or by careless or dangerous driving techniques, or any other reason. Always drive safely.

SPECIFICATIONS – LUXURY & COMFORT

Exterior

- Comprehensive airflow management, including underbody sculpting, for low 0.35 coefficient of drag (Cd)
- Power sliding tinted glass sunroof with one-touch open/close, tilt feature and sliding sunshade
- Roof rails (polished aluminum on FX45; black on FX35)
- Aluminum hood
- High Intensity Discharge (HID) bi-Xenon low- and high-beam headlights with auto-on/off
- Front fog lights
- UV-reducing tinted glass reduces transmission of radiant heat to vehicle's interior
- Dual power outside mirrors
- Heated outside mirrors
- Variable intermittent front wipers, intermittent rear wiper
- Rear privacy glass
- LED taillights and centre high-mounted stoplight (CHMSL) offer quicker illumination, lower power consumption and longer life than conventional bulbs
- Rear window intermittent wiper and defroster with timer
- Rear window defroster with timer
- Rear spoiler
- Dual chrome exhaust finishers

Interior

- Dual-zone Automatic Climate Control system with microfiltration and rear vents
- Rear-seat heater ducts under front seats
- Power windows with illuminated switches one-touch auto-up/down with auto-reverse feature (one-touch front windows on FX35)
- Power door locks
- Retained accessory power for windows and sunroof
- Illuminated entry system with delayed fade-out
- Front sunvisor extensions
- Illuminated visor vanity mirrors
- Overhead sunglasses storage
- Dual overhead front map lights
- Rear-seat reading lights
- Front seatback map pockets; front door pockets
- Dual front and rear cup holders
- Dual sliding front armrests with storage compartment and 12-volt power outlet
- Rear-seat centre armrest with storage tray and compartment
- Cargo tie-down anchors in cargo area
- Cargo net
- Cargo cover

Instrumentation and Driver Controls

- Vehicle Information System with 6.3-inch LCD screen; includes audio and climate-control displays; trip computer (elapsed time, distance and average speed); maintenance reminder; fuel economy calculator
- Electronic analog instrumentation with chrome bezels
- Power tilt and telescoping steering wheel

- Tilt Meter tilts steering column and gauge cluster together for improved visibility
- Electrochromatic auto-dimming inside mirror with integrated digital compass
- Cruise control with steering-wheel-mounted switches
- Infiniti analog clock

Seating and Trim

- 10-way power driver's seat with power-adjustable lumbar support; 8-way power passenger's seat
- Memory system for driver's seat, steering wheel and outside mirrors, linked to individual keyfobs/Intelligent Keys (Intelligent Key included with Technology Package)
- Heated front seats
- Leather-appointed interior
- Genuine aluminum alloy interior trim
- Leather- and aluminum-appointed 3-spoke steering wheel and shift knob
- Drilled aluminum pedals (FX45)
- 60/40 split-folding and adjustable rear seatbacks provide a flat load floor when folded down; includes quick-flip cargo-area remote fold-down releases

Audio

- Bose®-powered premium 300-watt, eleven-speaker audio system with AM/FM/cassette, in-dash 6-disc CD changer and Radio Data System (RDS). Three dash-mounted 3.15-inch Twiddler™ mid- and high-frequency drivers; four 6.5-inch door speakers; two 3.15-inch Twiddler mid- and high-frequency drivers in D-pillars; dual 5.25-inch Nd® woofers in a dedicated, tuned enclosure under cargo floor
- Roof-mounted and in-glass diversity antennas. The radio tuner compares the signal strength of both antennas, and automatically selects the strongest signal
- Steering wheel-mounted audio controls

Security

- Remote keyless entry system with selective unlocking of driver's door or all doors
- Remote power-opening of windows; closing and opening of windows via exterior door lock
- Infiniti Vehicle Immobilizer System with an encoded transponder chip embedded into the key. The engine control computer will not allow the engine to start without the correct key and transponder signal
- Vehicle Security System sounds alarm if intrusion via doors, hood or liftgate is detected
- HomeLink® universal garage-door opener offers control for compatible garage doors and home security systems
- Battery saver helps prevent accidental discharge if electrical accessories are left on

Occupant Safety

- Dual-stage front supplemental airbags⁴ with seat belt sensors
- Roof-mounted curtain supplemental airbags⁴ for side-impact and rollover protection for front and outboard rear passengers
- Front seat supplemental side-impact airbags⁴

- Front and rear head restraints. Active front head restraints move forward and upward in certain rear-impact collisions to help reduce whiplash-type injuries
- 3-point height-adjustable front seat belts with pre-tensioners and load limiters, driver's seat Emergency Locking Retractor (ELR) and passenger's seat ELR and Automatic Locking Retractor (ALR)
- Three rear 3-point seat belts with ELR/ALR; outboard positions height-adjustable
- Zone Body construction with reinforced passenger compartment and front and rear crumples zones
- Slide-away brake pedal assembly moves brake pedal away in certain frontal collisions
- Break-away driveshaft helps maintain the integrity of the passenger compartment in certain collision
- Hood buckling creases
- LATCH System (Lower Anchors and Tethers for CHildren) helps simplify proper installation of compatible child restraint seats

Accident Avoidance

- Electronic Brake force Distribution (EBD)
- Brake Assist
- 4-wheel Anti-lock Braking System (ABS)
- Tire pressure monitor system

OPTION PACKAGES

FX35/FX45 Technology Package

- Enhanced Vehicle Information System with 7.0-inch colour LCD screen
- Infiniti Navigation System⁵ with DVD database and Birdview™
- Intelligent Key keyless entry, security and starting system. Key fob transponder allows doors to be unlocked via an outside handle-mounted button; directional antennas selectively allow left, right or rear doors to be unlocked
- Intelligent Cruise Control⁶ uses computerized laser sensors and a digital rangefinder to identify vehicles ahead while automatically maintaining the preset following distance
- Brake Assist with Preview²
- Infiniti DVD Mobile Entertainment System with ceiling-mounted, flip-down 7.0-inch colour screen, console-mounted DVD player with wireless remote and two pairs of wireless headphones
- RearView Monitor⁷ displays area behind vehicle, in real time, when vehicle is reversing via the dash-mounted colour Vehicle Information System's screen
- Lane Departure Warning System (LDW)⁸

INDIVIDUAL OPTION

FX45 Chrome Wheels Package

- 8-spoke, 20-inch chrome-finished wheels

⁴ Please keep in mind that airbags are a supplemental restraint system and must always be used in conjunction with the seat belt. Also, a rear-facing child restraint must never be placed in the front-passenger's seat. In fact, all children 12 and under should ride in the rear seat properly secured in child restraints, booster seats or seat belts, according to their size. Side airbags and side curtain airbags are designed to inflate in higher severity side collisions and inflate only on the side of the vehicle impacted. Please see your owner's manual for more details.

⁵ Factory-installed option. Never program while driving. GPS service may not function properly when satellite reception is weak (see Navigation System owner's manual for details). Mapping may not be detailed in all areas or reflect current road regulations. Periodic updates to the DVD will be available.

⁶ Available Intelligent Cruise Control is not a collision avoidance or warning device. For highway use only and not intended for congested areas or city driving. The system will not brake automatically to a stop. Failure to apply the brakes could result in an accident.

⁷ The available RearView Monitor is a convenience but is not a substitute for proper backing procedures. Always turn and check that it is safe to do so before backing up.
⁸ The Lane Departure Warning System operates above 72 km/hr (45 mph) and only when lane markings are clearly visible on the road. It will not prevent loss of control.

PRICING

FX35	\$53,200 MSRP*
FX35 Technology Package	\$61,100 MSRP*
FX45	\$60,800 MSRP*
FX45 Chrome Wheel Package	\$61,800 MSRP*
FX45 Technology Package	\$68,700 MSRP*
FX45 Technology Package & Chrome Wheels	\$69,700 MSRP*

INFINITI TOTAL OWNERSHIP EXPERIENCE

Roadside Assistance Program: 4-year/unlimited kilometres includes: 24-hour toll-free Roadside Assistance number for emergency roadside services, battery boost, lock-outs, flat tires, fuel delivery, trip interruption, accident service and travel planning service.

Service Loaner Vehicle Program: Free Infiniti Service Loaner Vehicle available for scheduled maintenance and warranty appointments at Infiniti Dealerships. Subject to availability. Available only during the 4-year/100,000 km New Vehicle coverage. The customer must be 21 years of age or older with a valid driver's licence. The customer must provide proof of primary insurance.

Standard Infiniti Limited Warranties

- 4-year/100,000 km New Vehicle coverage
- 4-year Roadside Assistance Program
- 6-year/110,000 km Powertrain coverage
- 7-year Corrosion Perforation coverage (unlimited km)
- 8-year/130,000 km Emission Control Warranty on selected components
- 10-year/unlimited km Seat Belt Warranty

INFINITI Financial Services

Driving an FX35/FX45 or any of the Infiniti models is easy, thanks to Infiniti Financial Services. Our benchmark lease and retail plans offer competitive rates and flexible terms. Ask your Infiniti Dealer for complete details.

*Taxes, licence, insurance, freight and PDE are extra. Dealerships are free to set individual prices. For more information, please see your local Infiniti Dealership.



INFINITI DEALERSHIPS

British Columbia

Kelowna Infiniti

2570 Enterprise Way
Kelowna, British Columbia
V1X 7X5
phone (250) 712-0404

Morrey Infiniti

2710 Lougheed Hwy.
Port Coquitlam
British Columbia
V3B 6P2
phone (604) 464-9291

Infiniti Richmond

13220 Smallwood Place
Richmond, British Columbia
V6V 1W8
phone (604) 279-9119

Regency Infiniti

819 Automall Drive,
North Vancouver
British Columbia
V7P 3R8
phone (604) 985-9311

Victoria Infiniti

3361 Oak Street
Victoria, British Columbia
V8X 1R2
phone (250) 475-1148

Alberta

Hyatt Infiniti

161 Glendeer Circle
Calgary, Alberta
T2H 2S8
phone (403) 258-2255

Ericksen Infiniti

10982 - 101st Street
Edmonton, Alberta
T5H 2S8
phone (780) 429-4611

Saskatchewan

Dilawri Infiniti

1775 5th Avenue
Regina, Saskatchewan
S4R 8S3
phone (306) 569-0000

Manitoba

Birchwood Infiniti

3965 Portage Ave., Unit 50
Winnipeg, Manitoba
R3K 2G8
phone (204) 261-3490

Ontario

Agincourt Infiniti

1871 McCowan Road
Scarborough, Ontario
M1S 4L4
phone (416) 291-1188

Guelph Infiniti

805 Woodlawn Road
Guelph, Ontario
N1K 1E9
phone (519) 822-9200

London Infiniti

764 Wharncliffe Road, S.
London, Ontario
N6J 2N4
phone (519) 685-5497

Woodchester Infiniti

2560 Motorway Blvd.
Mississauga, Ontario
L5L 1X3
phone (905) 820-4545

Doner Infiniti

17385 Leslie Street
Newmarket, Ontario
L3Y 4X1
phone (905) 895-4403

Tony Graham Infiniti

155 Robertson Road
Ottawa, Ontario
K2H 5Z2
phone (613) 596-1515

417 Infiniti

1599 Startop Road
Ottawa, Ontario
K1B 5P5
phone (613) 749-3501

Cambrian Infiniti

(Parts & Service only)
460 Pim Street
Sault Ste. Marie, Ontario
P6B 2V2
phone (705) 759-0043

Infiniti Of Willowdale

7200 Yonge Street
Thornhill, Ontario
L4J 1V8
phone (905) 881-4200

Infiniti Of Yorkville

100 Davenport Road
Toronto, Ontario
M5R 1H7
phone (416) 975-2623

Alta Infiniti

5585 Highway #7
Woodbridge, Ontario
L4L 1T5
phone (905) 856-8800

401-Dixie Infiniti

5500 Dixie Road
Mississauga, Ontario
L4W 4N3
phone (905) 238-5500

Oakville Infiniti

2316 South Service Road West
Oakville, Ontario
L6L 5M9
phone (905) 827-1177

Infiniti of Windsor

9760 Tecumseh Rd. E.
Windsor, Ontario
N8R 1A2
phone (519) 735-7744

Quebec

Infiniti de Brossard

9005, boul. Taschereau
Brossard, Quebec
J4Y 1A4
phone (450) 445-5799

Infiniti Laval

305, boul. St-Martin Est
Laval, Quebec
H7M 1Z1
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Méridien Infiniti

4000, rue Jean-Talon Ouest
Montreal, Quebec
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phone (514) 731-7977

Spinelli Infiniti

345, boul. Brunswick
Point-Claire, Quebec
H9R 4S1
phone (514) 697-5222

Infiniti Québec

5250, rue John Molson
Quebec City, Quebec
G1X 3X4
phone (418) 658-3535

Sherbrooke Infiniti

4280, boul. Bourque
Rock Forest, Quebec
J1N 1W7
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Atlantic

O'Regan's Infiniti

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