

## 2008 Infiniti FX45 and FX35

### Technical Specifications Features and Options

Source of Production: Nissan Shatai Co., Ltd.

Assembly Plant Location: Kanagawa, Japan

<b>ENGINE</b>	<b>V8 AWD</b>	<b>V6 AWD</b>	<b>V6 RWD</b>
Type	VK45DE DOHC 32-valve	VQ35DE DOHC 24-valve	
Orientation	Longitudinal		
Cylinders / configuration	V8 with molybdenum coated pistons	V6 with molybdenum coated pistons	
Block / head composition	Aluminum / aluminum		
Displacement	4.5 liters	3.5 liters	
Horsepower	320 @ 6,000 rpm	275 @ 6,200 rpm	
Torque	335 lb-ft @ 4,000 rpm	268 lb-ft @ 4,800 rpm	
Bore x stroke (mm)	93.0 x 82.7	95.5 x 81.4	
Compression ratio (: 1)	10.5	10.3	
Valvetrain	4 titanium valves per-cylinder with continuous variable valve timing control	4 valves per- cylinder with continuous variable valve timing control	
Recommended fuel	Premium unleaded (required)	Premium unleaded	
Emissions system	Closed loop feedback system with 3-way catalyst		
Exhaust	Stainless steel with dual outlets		
Maximum engine speed	6,600 rpm		
Emissions certification level	50-state LEV1-LEV (NLEV)		

<b>ELECTRICAL</b>	<b>V8 AWD</b>	<b>V6 AWD</b>	<b>V6 RWD</b>
Electronic ignition system	S		
110 amp alternator			
Low-maintenance 110D26L 12-volt battery			

<b>DRIVETRAIN</b>	<b>V8 AWD</b>	<b>V6 AWD</b>	<b>V6 RWD</b>
Drive configuration	Front engine/all-wheel drive  (ATTESA E-TS AWD system)		Front engine/ rear- wheel drive
Transmission type	5-speed electronically controlled (Grade Logic) automatic overdrive transmission with manual shift mode		
Downshift Rev-Matching (DRM)	S		
Snow mode switch (retards throttle input)	S		

## 2008 Infiniti FX45 and FX35

### Technical Specifications Features and Options

DRIVETRAIN (Continued)		V8 AWD	V6 AWD	V6 RWD
Gear ratios (:1)				
	<b>1st</b>	3.827	3.540	
	<b>2nd</b>	2.368	2.264	
	<b>3rd</b>	1.526	1.472	
	<b>4th</b>	1.000	1.000	
	<b>5th</b>	0.834	0.834	
	<b>Reverse</b>	2.613	2.370	
Final drive ratio (:1)		3.692		
Transfer gear ratio		1.000		

BODY, SUSPENSION AND STEERING		V8 AWD	V6 AWD	V6 RWD
Body type		Monocoque, steel		
Front suspension		Independent strut with stabilizer bar		
Rear suspension	Independent multi-link	w/ stabilizer bar		S
Steering ratio (:1)		16.9		
Turning diameter (in feet)		40.4		
Turns (lock-to-lock)		2.7		
Steering type		Power-assisted rack-and-pinion		
Run-flat tuned suspension		P		

BRAKES		V8 AWD	V6 AWD	V6 RWD
Front: Vented disc – 12.6" x 1.3"		S		
Rear: Vented disc – 12.1" x 0.6"				
Electronic Brake force Distribution (EBD) and Brake Assist (BA)				
4-wheel/4-channel/4-sensor Anti-lock Braking System				
Brake Assist with Preview Braking		O		

WHEELS AND TIRES		V8 AWD	V6 AWD	V6 RWD
<b>Wheels</b>				
18" 8-spoke aluminum-alloy (8.0 JJ x 18) (high-luster titanium color)		-		S
20" 8-spoke aluminum-alloy (8.0 JJ x 20) (V6 Sport Package)		-		P
20" 8-spoke polished aluminum-alloy (8.0 JJ x 20) (V8 unique)		S		-
<b>Tires</b>				
265/60VR18 all-season radial tires		-		S
265/50VR20 all-season radial tires		S		P
Tire Pressure Monitor System		S		
Temporary spare tire, T175/90D18, mounted under cargo area floor		S		
Run-Flat Tires (deletes spare tire)		P		

## 2008 Infiniti FX45 and FX35

### *Technical Specifications Features and Options*

<b>EXTERIOR DIMENSIONS (inches)</b>	<b>V8 AWD</b>	<b>V6 AWD</b>	<b>V6 RWD</b>
Wheelbase	112.2		
Overall length	189.1		
Overall width w/ mirrors folded	75.8		
Overall height (without/with roof rails)	65.0 / 65.9		
Front track width	62.7		
Rear track width	64.6		
Minimum ground clearance	7.6		
Angle of approach (degrees)	28.5		
Angle of departure (degrees)	21.2		
Step-in height (front/rear)	18.0 / 18.7		
Cargo area liftover height (inches)	30.6		
Coefficient of Drag (Cd)	0.37		

<b>EXTERIOR FEATURES AND OPTIONS</b>	<b>V8 AWD</b>	<b>V6 AWD</b>	<b>V6 RWD</b>
Flush-mounted High Intensity Discharge (HID) bi-xenon headlights (high/low beam)	S		
Chrome door handles, bumper trim, lower side sills			
Rear center high-mount stoplight			
Body-color front and rear bumpers			
Front halogen fog lights			
Green-tinted windows with dark upper band windshield and front door glass			
Dual power remote-controlled, body-color heated outside mirrors			
Power folding outside mirrors	S		-
Dark Chrome grille	-		S
Black Chrome grille	S		P
Black window moldings	-		S
Chrome window molding	S		-
Power glass moonroof with rear tilt and shade	S		P
Auto on/off headlight operation	S		P
Roof rails (100-lb capacity with cross bars)			
Polished aluminum	S		P
Black	-		S

<b>INTERIOR DIMENSIONS (inches)</b>	<b>Front</b>	<b>Rear</b>
Head room (without moonroof)	40.8	39.5
Head room (with moonroof)	39.6	39.3
Shoulder room	56.9	57.4
Hip room	54.3	55.0
Leg room	43.9	35.2

## 2008 Infiniti FX45 and FX35

### *Technical Specifications Features and Options*

<b>INTERIOR FEATURES AND OPTIONS</b>	<b>V8 AWD</b>	<b>V6 AWD</b>	<b>V6 RWD</b>
Infiniti Intelligent Key	S	P	
Bluetooth® hands-free phone system	S	P	
Leather-appointed seats	S		
Heated 8-way power adjustable driver's seat including lumbar			
Heated 8-way power passenger's seat			
Driver's seat/mirrors/steering wheel memory system			
Power tilt and telescoping steering wheel			
Carpeted trunk and cargo area			
Leather-wrapped steering wheel and gearshift knob			
Driver and passenger seat back pockets			
Dual visors with illuminated vanity mirrors and extensions			
Sill plates: stainless steel with Infiniti markings			
Independent reclining rear seats with center armrest			
Wood/Aluminum Trim	S	-	
Etched Aluminum Trim	-	P	
Cargo net and cargo cover	S	P	
Intelligent Cruise Control w/ Preview Braking	P		
Navigation System – DVD-based, with 7.0-inch screen and 3-D Birdview™ display	O		
Mobile Entertainment System – DVD with 7.0-inch roof-mounted LCD screen	O		

<b>CAPACITIES</b>	<b>V8 AWD</b>	<b>V6 AWD</b>	<b>V6 RWD</b>
Seating capacity	5		
Interior passenger volume (cu. ft.) w/o moonroof	105.1		
Cargo volume (cu. ft) w/o moonroof	Seats up 27.4 / seats down 64.5		
Total interior volume (cu. ft) w/o moonroof	132.5		
Fuel tank (gals.)	23.8		
Engine oil (qts.)	7.3	5.7	
Engine coolant (qts.)	10.6	9.1	
Maximum towing capacity (lbs) (when properly equipped)	3,500		
Payload including passengers (lbs) (when properly equipped)	1,136	1,167	1,189

<b>CURB WEIGHTS</b>	<b>V8 AWD</b>	<b>V6 AWD</b>	<b>V6 RWD</b>
Curb weight (lbs.)	4,488	4,315	4,151
Weight distribution (% fr/r)	54/46	53/47	52/48
GVWR (lbs.)	5,624	5,481	5,340

## 2008 Infiniti FX45 and FX35

### *Technical Specifications Features and Options*

<b>EPA MILEAGE ESTIMATES</b> <i>(Actual mileage may vary)</i>	<b>V8 AWD</b>	<b>V6 AWD</b>	<b>V6 RWD</b>
City	13	15	15
Highway	17	20	22
EPA Classification	Light truck		

<b>AUDIO SYSTEM</b>	<b>V8 AWD</b>	<b>V6 AWD</b>	<b>V6 RWD</b>
300-watt, 11-speaker Bose® audio sound system with two subwoofers, AM/FM/mp3-CD playback with in-dash 6-disc CD autochanger, steering wheel audio controls, Radio Data System and speed-sensitive volume control	S		
Pre-wiring for iPod® accessory	S		
Satellite radio (XM®)	S		
7-inch LCD color display	S		
RearView Monitor	S		
DVD Mobile Entertainment System with 7.0-inch flip down screen	P		
Roof and in-glass diversity antenna	S		

<b>COMFORT AND CONVENIENCE FEATURES</b>	<b>V8 AWD</b>	<b>V6 AWD</b>	<b>V6 RWD</b>
Power windows with one-touch auto-up/down with auto reverse feature for front windows	S		
Dual-Zone Automatic Temperature Control, non-CFC air conditioning, rear A/C vents (B-pillar)			
Cruise control with steering wheel mounted switches			
Front and side window defogger vents			
Power door locks (driver's side and front passenger's side) with selective unlocking			
Power remote release for rear liftgate and fuel-filler door			
Illuminated power window, steering wheel and door lock switches			
Flip out front door pockets and rear door pockets			
Center console with dual level storage, coin holder and overhead storage for sunglasses			
Remote Keyless Entry			
Lockable glove box with damper			
60/40 split-fold rear bench seats			
Front (2) and rear (2) cup holders			
Front variable intermittent wipers, rear intermittent wiper			
Front and rear height adjustable head restraints, folding rear head restraint			

## 2008 Infiniti FX45 and FX35

### *Technical Specifications Features and Options*

<b>SAFETY AND SECURITY FEATURES</b>	<b>V8 AWD</b>	<b>V6 AWD</b>	<b>V6 RWD</b>
Infiniti Advanced Air Bag System (AABS); Dual-stage front supplemental air bags with passenger seat occupant classification system and seat belt sensor	S		
Roof-mounted side-impact and rollover curtain air bag for enhanced outboard seat occupant head protection			
3-point front seat belts with pretensioners and load limiters; ALR/ELR in all passenger seating positions (driver ELR only)			
3-point front seat belts with adjustable upper anchors (passenger side ALR/ELR), pretensioners and load limiters			
Seat belt reminder system (front)			
Lower Anchors and Tethers for CHildren (LATCH) system in rear outboard seating positions (upper tether for all rear seating positions)			
Front seat Active Head Restraints			
Child safety rear door locks and power window lock-out button			
Vehicle Security System			
Energy-absorbing steering column			
Zone Body Construction with front and rear crumple zones			
First aid kit and tool kit			
Lane Departure Warning (LDW) system	O		
Traction Control System (TCS)	S		
Vehicle Dynamic Control (VDC) w/cancel switch	S		
Brake Assist with Preview Braking	O		

<b>INSTRUMENTATION</b>	<b>V8 AWD</b>	<b>V6 AWD</b>	<b>V6 RWD</b>
Analog speedometer, tachometer, coolant temperature and fuel level, electroluminescent illumination	S		
Outside temperature LCD digital display			
Compass in mirror – amber LED digital			
Twin trip LCD digital odometer			
Low fuel, VDC and door ajar-warning lights			
Analog quartz clock			

## 2008 Infiniti FX45 and FX35

### *Technical Specifications Features and Options*

PACKAGES AND OPTIONS	V8 AWD	V6 AWD	V6 RWD
<b>Sport Package:</b> 20-inch wheels and tires, dark chrome grille, tinted headlights, taillights and back up lamps, aluminum pedals, roof rails and etched aluminum interior trim (requires Hands-Free Package)	S	O	
<b>Hands-Free Package:</b> Intelligent Key and Bluetooth® hands-free phone system (requires Touring Package)	S	O	
<b>Stand-Alone Navigation</b>	O	-	
<b>Touring Package:</b> Moonroof, HomeLink® Universal Transceiver, auto on/off headlamps and cargo net	S	O	
<b>Technology Package:</b> Infiniti Navigation System, Lane Departure Warning system (LDW), Intelligent Cruise Control and Brake Assist (BA) with Preview Braking	O	O (requires Hands-Free Package)	
<b>Run-Flat Tire Package:</b> Run-flat tires, delete temporary spare tire, under floor storage, suspension modified for use with run-flat tires (requires DVD Mobile Entertainment System Package)	O	O (also requires Sport Package)	
<b>Infiniti DVD Mobile Entertainment System:</b> DVD player with 7-inch screen, 2 sets of wireless headphones and remote (requires Technology Package)		O	

6/07

- O** – Optional
- S** – Standard
- P** – Included in Package