

2003 Infiniti FX45 and FX35

Technical Specifications, Features and Options

Source of Production: Nissan Shatai Co., Ltd.

Assembly Plant Location: Kanagawa, Japan

| ENGINE | V8 AWD | V6 AWD | V6 2WD |
|------------------------|---|---|--------|
| Type | VK45DE 4.5-liter DOHC 32-valve V8 with aluminum-alloy block and heads and molybdenum coated pistons | VQ35DE 3.5-liter DOHC 24-valve V6 with aluminum-alloy block and heads and molybdenum coated pistons | |
| Displacement | 4.5 liters | 3.5 liters | |
| Horsepower | 315 @ 6,400 rpm | 280 @ 6,200 rpm | |
| Torque | 329 @ 4,000 rpm | 270 @ 4,800 rpm | |
| Bore & Stroke (mm) | 93 x 82.7 | 95.5 x 81.4 | |
| Compression ratio (:1) | 10.5 | 10.3 | |
| Induction system | Sequential multi-point fuel injection | | |
| Valvetrain | DOHC 4-titanium valves-per-cylinder, Continuous Variable Valve Timing Control (CVTCS) | DOHC 4-valves-per-cylinder, Continuous Variable Valve Timing Control (CVTCS) | |
| Recommended fuel | Premium Unleaded | | |
| Emissions system | Closed loop feedback system w/ 3-way catalyst | | |
| Exhaust | Stainless Steel | | |
| Maximum engine speed | 6,600 rpm | 6,600 rpm | |

| DRIVETRAIN | V8 AWD | V6 AWD | V6 2WD |
|------------------------------|---|------------------------------|-------------------------------|
| Drive configuration | Front engine/all-wheel drive | Front engine/all-wheel drive | Front engine/rear-wheel drive |
| Transmission type | 5-speed electronically controlled automatic overdrive transmission with manual shift mode | | |
| Gear ratios | 5-speed automatic | | |
| | 1st | 3.540 | |
| | 2nd | 2.264 | |
| DRIVETRAIN, continued | V8 AWD | V6 AWD | V6 2WD |
| | 3rd | 1.472 | |
| | 4th | 1.000 | |
| | 5th | 0.834 | |
| | reverse | 2.370 | |
| Final drive ratio (:1) | 3.692 | | |
| Transfer gear ratio (:1) | 1.000 | | |

| BODY, SUSPENSION AND STEERING | V8 AWD | V6 AWD | V6 2WD |
|--|-----------------------------------|--------|--------|
| Body type | All-steel unibody construction | | |
| Front suspension | Independent strut suspension | | |
| Rear suspension | Independent multi-link suspension | | |
| Steering ratio (:1) | 16.9 | | |
| Turning circle (curb-to-curb, in feet) | 38.7 | | |

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| Turns (lock-to-lock) | 2.7 |
| Steering type | Power-assisted rack-and-pinion |

| BRAKES | V8 AWD | V6 AWD | V6 2WD |
|---|---------------------------------|---------------|---------------|
| Front Type - Size | Vented disc - 12.60 x 1.10-inch | | |
| Rear Type - Size | Vented disc -12.13 x 0.63-inch | | |
| Electronic Brake force Distribution (EBD) and Brake Assist (BA) | • | | |
| TBD-channel/4-sensor Anti-lock Braking System (ABS) | • | | |

| ELECTRICAL | V8 AWD | V6 AWD | V6 2WD |
|---------------------------------|---------------|---------------|---------------|
| Electronic ignition system | • | | |
| 110 amp alternator | • | | |
| Low maintenance 12-volt battery | • | | |

| WHEELS AND TIRES | V8 AWD | V6 AWD | V6 2WD |
|--|---------------|---------------|---------------|
| 18-inch 7-spoke aluminum-alloy premium wheels (8.0JJx18) | - | | • |
| 20-inch 8-spoke aluminum-alloy wheels (8.0JJx20) | • | | o |
| P265/ 60R18 all-season radial tires | - | | • |
| P265/ 50R20 all-season radial tires | • | | o |

| EXTERIOR DIMENSIONS (in inches) | V8 AWD | V6 AWD | V6 2WD |
|---|----------------------------|---------------|---------------|
| Wheelbase | 112.2 | | |
| Overall length | 189.1 | | |
| Overall width w/ mirrors folded | 75.8 | | |
| Overall height | 65.0 / 65.9 (w/roof rails) | | |
| Tread width (front/rear) | 62.7 / 64.6 | | |
| Minimum ground clearance (inches) | 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) | 0.35 | | |

| EXTERIOR FEATURES AND OPTIONS | V8 AWD | V6 AWD | V6 2WD |
|---|---------------|---------------|---------------|
| Flush-mounted High Intensity Discharge (HID) xenon headlights High/Low Beam | • | | |
| Auto on/off headlight operation | o | | |
| Front halogen fog lights | • | | |
| Green-tinted windows with dark upper band | • | | |

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| windshield and front door glass | |
| Dual power remote-controlled, body-color outside mirrors | • |
| Heated outside mirrors | • 0 |
| Power glass sunroof with rear tilt and sunshade | 0 |
| Front and rear body-color splash guards | 0 |
| Body-color front and rear bumpers | • |
| Chrome door handles | • |
| Roof-mounted luggage rack (100-lb capacity) | 0 |
| Dark Chrome grille | • |
| Rear center high-mount stoplight | • |

| INTERIOR DIMENSIONS (in inches) | V8 AWD | V6 AWD | V6 2WD |
|--|---------------------------|---------------|---------------|
| Head room (front/rear) w/o sunroof | 40.8 / 39.5 | | |
| w/ sunroof | 39.6 / 39.3 | | |
| Leg room (front/rear) | 43.9 / 35.2 | | |
| Hip room (front/rear) | 54.3 / 55.0 | | |
| Shoulder room (front/rear) | 56.9 / 57.4 | | |
| Cargo dimensions (L x W x H) seat up | 28.5 / 42.0 – 55.7 / 29.2 | | |

| INTERIOR FEATURES AND OPTIONS | V8 AWD | V6 AWD | V6 2WD |
|--|---------------|---------------|---------------|
| Leather-appointed seats | • | 0 | |
| 8-way power driver's seat | • | | |
| Driver's seat power adjustable lumbar | • | 0 | |
| Driver's seat/ mirrors/ steering wheel memory system | • | 0 | |
| 4-way power passenger's seat | • | | |
| Leather-wrapped steering wheel and gearshift knob | • | | |
| Steering wheel w/ power tilt and telescope | • | 0 | |
| Heated front seats | • | 0 | |
| Driver and passenger seat back pockets | • | | |
| Intelligent Cruise Control | 0 | | |
| Mobile Entertainment System — rear cargo-mounted DVD with 6.3-inch roof-mounted LCD screen | 0 | | |
| Navigation System – CD-ROM based, with 7-inch screen and 3-D Birdview™ display | 0 | | |
| Dual visors with illuminated vanity mirrors | • | | |
| Sill plates (stainless steel) with Infiniti markings | • | | |
| Carpeted trunk and cargo area | • | | |
| Cargo net and cover | 0 | | |
| Independent reclining rear seats with center | • | | |

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| | |
|---------|--|
| armrest | |
|---------|--|

| CAPACITIES | V8 AWD | V6 AWD | V6 2WD |
|---|---------------------------------|--------|--------|
| Seating capacity | 5 | | |
| Interior passenger volume (cu. ft.) w/o sunroof | 105.1 | | |
| Cargo volume (cu. ft.) w/o sunroof | seats up 27.4 / seats down 64.5 | | |
| Total interior volume (cu. ft.) | 132.5 | | |
| Fuel tank (gals.) | 23.8 | | |
| Engine oil (qts.) | 7.3 | 5.7 | 5.7 |
| Engine coolant (qts.) | 10.6 | 9.1 | 9.1 |
| Maximum towing capacity (lbs.) | 3,500 | | |

| CURB WEIGHTS | V8 AWD | V6 AWD | V6 2WD |
|--------------------------------------|--------|--------|--------|
| Curb weight (lbs.) | 4,299 | 4,204 | 4,046 |
| GVWR (lbs.) | 5,462 | 5,351 | 5,164 |
| Weight distribution (front / rear %) | 54/46 | 53/47 | 52/48 |

| STANDARD COMFORT AND CONVENIENCE FEATURES | |
|---|--|
| Automatic Climate Control, dual zone-climate control, non-CFC air conditioning, rear A/C vents (B-pillar) | |
| Cruise control with steering wheel mounted switches | |
| Front and side window defogger vents | |
| Front variable intermittent wipers, rear intermittent wipers | |
| Front and rear height adjustable headrests | |
| Rear heater ducts | |
| Remote keyless entry (2 transmitters) | |
| Sun visor extensions | |
| Lockable glove box with damper | |
| 60/40 split fold-down rear bench seat | |
| STANDARD COMFORT AND CONVENIENCE FEATURES, continued | |
| Power windows with one-touch auto-up/down with safety reverse for front two windows (FX35); for all windows on FX45 | |
| Power door locks (driver's side and front passenger's side) with selective unlocking | |
| Power remote release for liftgate rear hatch and fuel-filler door | |
| Illuminated power window and door lock switches | |
| Flip out front door pockets and rear door pockets | |
| Center console with dual level storage, overhead storage for sunglasses | |
| Front (2) and rear (2) cup holders | |

| AUDIO SYSTEM | |
|--|---|
| 6-speaker audio system with AM/FM/cassette and in-dash 6-disc CD | • |
| Bose® premium 300-watt audio system with | o |

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|---|---|
| AM/FM/cassette, in-dash CD player with 6-CD autochanger, 11 speakers (two subwoofers) | |
| Roof and glass antenna | • |
| Radio Data System (RDS) | • |

STANDARD SAFETY AND SECURITY FEATURES

| |
|---|
| Vehicle Dynamic Control (VDC) with Traction Control System and Anti-lock Braking System |
| Driver and front-passenger dual stage supplemental air bags with seat belt sensors |
| Roof-mounted curtain side-impact supplemental air bags for front and rear-seat occupant head protection |
| Head restraints, front-seat active |
| Front seat belts with pretensioners and load limiters |
| Seat belt system, 3-point ALR/ELR (driver ELR only) |
| Zone body with front and rear crumple zones, body side reinforcements |
| Energy-absorbing steering column |

STANDARD SAFETY AND SECURITY FEATURES, continued

| |
|--|
| Child safety rear door locks, power window lockout button |
| LATCH (Lower Anchors & Tether for CHildren) system: rear child safety tether anchors (three tether points) |
| Vehicle security system |
| Infiniti Vehicle Immobilizer System |

| EPA MILEAGE ESTIMATES | | V8 AWD | V6 AWD | V6 2WD |
|------------------------|---------------|-------------|--------|--------|
| Automatic Transmission | City/ Highway | 15/19 | 16/22 | 17/23 |
| Classification | | Light Truck | | |

INSTRUMENTATION

| |
|--|
| Analog speedometer, tachometer, coolant temperature and fuel level |
| Outside temperature LCD digital in center display |
| Compass in mirror- green LED digital |
| Twin trip LCD digital odometer |
| Low fuel and door-ajar-warning lights |
| Analog quartz clock |

| PACAKGES AND OPTIONS | V8 AWD | V6 AWD | V6 2WD |
|--|--------|--------|--------|
| V6 Premium Package: Leather seating surfaces, heated front seats, driver's memory seat, power lumbar support, power tilt & telescopic steering wheel, heated outside mirrors, sunroof, 11-speaker 300W Bose audio system w/ 6-CD in-dash, UGDO, auto on-off headlamps, steering wheel audio controls and cargo net | - | o | |

| PACAKGES AND OPTIONS, continued | V8 AWD | V6 AWD | V6 2WD |
|---------------------------------|--------|--------|--------|
|---------------------------------|--------|--------|--------|

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| | | |
|---|---|---|
| V8 Premium Package: Sunroof, Bose audio system w/ CD6 in-dash, UGDO, auto on-off headlamps, steering wheel audio controls and cargo net | o | - |
| Sport Package: Includes all V6 premium package contents plus: 20-inch wheels and tires, sport-tuned suspension, aluminum pedals | - | o |
| Technology Package: Includes all Premium Package contents plus: Sport Package contents (V6 only), plus: Infiniti Navigation System, Intelligent Key, Intelligent Cruise Control with Preview Braking, Mobile Entertainment System (DVD based), RearView Monitor, and Tire Pressure Monitor System | o | |
| Roof Rails | o | |

- *Standard Equipment*
- o *Optional Equipment*