

2013 Infiniti G37 Sedan

Technical Specifications, Features and Options

Source of Production: Nissan Motor Co., Ltd.

Assembly Plant Location: Tochigi, Japan

| ENGINE | |
|------------------------------|--|
| Type | VQ37VHR DOHC 24-valve |
| Orientation | Vertical |
| Cylinders / configuration | V6 with coated pistons |
| Block / head composition | Aluminum-alloy/aluminum-alloy |
| Displacement | 3.7 litres |
| Horsepower | 328 hp @ 7,000 rpm |
| Torque | 269 lb-ft @ 5,200 rpm |
| Bore x stroke (mm) | 95.5 x 86.0 |
| Compression ratio (:1) | 11 |
| Maximum engine speed | 7,600 rpm |
| Induction system | Sequential multi-point fuel injection |
| Valvetrain | 4 valves per cylinder |
| Mounts – liquid-filled fr/rr | 2/1 RWD, 2/1-solid filled AWD |
| Recommended fuel | Premium unleaded |
| Emissions system | Closed loop feedback system with 2 catalysts |
| Emission certification level | LEV-ULEV |
| Exhaust | Dual, with dual chrome finishers |

| ELECTRICAL | |
|----------------------------|---|
| Electronic ignition system | S |
| 150 amp alternator | |
| 1.6 kW starter | |
| 80D23L battery | |

| DRIVETRAIN | | G37x AWD | G37x AWD Sport | G37S Sport 6MT |
|---|-----------------------|--|-----------------------|-----------------------|
| Drive configuration Front engine/rear-wheel drive Front engine/ATESSA ET-S® all-wheel drive | | - | - | S |
| | | S | S | - |
| Transmission type | | 7-speed automatic w/DS mode and Downshift Rev Matching | | 6-speed manual |
| Automatic Transmission Control | | S | | - |
| Snow mode function with indicator | | S | S | - |
| Vehicle Dynamic Control (VDC) | | S | | |
| Viscous Limited Slip Differential (VLSD) | | - | | S |
| Gear ratios (:1) | 1st | 4.923 | | 3.794 |
| | 2nd | 3.193 | | 2.324 |
| | 3rd | 2.042 | | 1.624 |
| | 4th | 1.411 | | 1.271 |
| | 5th | 1.000 | | 1.000 |
| | 6th | 0.862 | | 0.794 |
| | 7th | 0.771 | | - |
| | Rev. | 3.972 | | 3.446 |
| Final drive ratio (:1) | | 3.357 | | 3.692 |

2013 Infiniti G37 Sedan

Technical Specifications, Features and Options

| BODY, SUSPENSION AND STEERING | | G37x AWD | G37x AWD Sport | G37S Sport 6MT |
|-------------------------------|------------------------------------|---|----------------|----------------|
| Body type | Unibody | High-strength steel corrosion-resistant | | |
| Front suspension | | Independent double-wishbone w/stabilizer bar | | |
| Rear suspension | | Multi-link independent w/stabilizer bar | | |
| Sport tuning | unique steering, rear shock tuning | - | - | S |
| Steering type | | Power-assisted, vehicle-speed-sensitive rack-and-pinion | | |
| Steering ratio | | 16.4:1 standard, 14.7:1 Sport | | |
| Turning diameter (feet) | | 35.4 (RWD), 36.1 (AWD) | | |
| Turns (lock-to-lock) | | 3.09 standard, 2.73 Sport | | |

| BRAKES | | G37x AWD | G37x AWD Sport | G37S Sport 6MT |
|---|-------|------------|----------------|----------------|
| Power-assisted vented disc (in.) | Front | 12.6 x 1.1 | | 14.0 x 1.3 |
| | Rear | 12.1 x 0.6 | | 13.8 x 0.8 |
| 4-piston front/2-piston rear calipers | | - | - | S |
| Electronic Brake force Distribution, Brake Assist | | S | | |
| Preview Braking | | O | | |
| 4-wheel/4-channel/4-sensor Anti-lock Braking System (ABS) | | S | | |

| WHEELS AND TIRES | | G37x AWD | G37x AWD Sport | G37S Sport 6MT |
|----------------------------|----------------|----------|----------------|----------------|
| Wheels | | | | |
| Aluminum-alloy | 17 x 7.5 in. | S | - | |
| | 18 x 7.5 front | - | S | |
| | 18 x 7.5 rear | - | S | - |
| | 18 x 8.5 | - | - | S |
| Tires | | | | |
| All-Season | P225/55R17 | S | - | |
| All-Season | P225/50R18 | - | S | - |
| Summer-only | P225/50R18 | - | | S |
| Temporary T145/80D17 spare | | S | | - |
| Temporary T145/70R18 spare | | - | | S |

| EXTERIOR DIMENSIONS mm/inches | G37x AWD | G37x AWD Sport | G37S Sport 6MT |
|-------------------------------|--------------|----------------|----------------|
| Wheelbase | 2850 / 112.2 | | |
| Overall length | 4750 / 187.0 | | |
| Overall width | 1773 / 69.8 | | |

2013 Infiniti G37 Sedan

Technical Specifications, Features and Options

| | | | |
|--------------------------|--|-------------|-------------|
| Overall height | 1463 / 57.6 | 1468 / 57.8 | 1453 / 57.2 |
| Front track width | 1519 / 59.8 | | |
| Rear track width | 1529 / 60.2 (RWD 17-inch wheels), 1519 / 59.8 (RWD 18-inch wheels), 1524 / 60.0 (AWD) | | |
| Minimum ground clearance | 129.5 / 5.1 (RWD 17-inch wheels), 132 / 5.2 (RWD 18-inch wheels), 124.4 / 4.9 (AWD 17-inch wheels), 129.5 / 5.1 (AWD 18-inch wheels) | | |
| Coefficient of Drag (Cd) | 0.29 | | |

| EXTERIOR FEATURES AND OPTIONS | G37x AWD | G37x AWD Sport | G37S Sport 6MT |
|---|----------|----------------|----------------|
| High-Intensity Discharge (HID) headlights | S | | |
| Automatic on/off | | | |
| | S | | |
| Fog lights | S | | |
| Body-colour dual power controlled outside mirrors | S | | |
| Tinted glass power moonroof with rear tilt feature, sliding sunshade, one-touch operation | S | | |
| Sport side sills | - | S | |
| Unique sport front fascia | - | S | |

| INTERIOR DIMENSIONS mm/inches | Front | Rear |
|-------------------------------|-----------|-----------|
| Head room without moonroof | 1029/40.5 | 958/37.7 |
| Head room with moonroof | 993/39.1 | 945/37.2 |
| Shoulder room | 1412/55.6 | 1402/55.2 |
| Hip room | 1399/55.1 | 1364/53.7 |
| Leg room | 1115/43.9 | 881/34.7 |

| INTERIOR FEATURES AND OPTIONS | G37x AWD | G37x AWD Sport | G37S Sport 6MT |
|--|----------|----------------|----------------|
| Leather-appointed seats | S | | |
| 8-way power driver's seat w/ manual adjustable lumbar support | S | | |
| 8-way power front passenger's seat | S | | |
| Leather-covered steering wheel with illuminated audio and cruise control buttons | S | | |
| Automatic Temperature Control with microfiltration (single zone) | S | | |
| "Shodo" finish aluminum trim | S | | |

2013 Infiniti G37 Sedan

Technical Specifications, Features and Options

| INTERIOR FEATURES AND OPTIONS | G37x AWD | G37x AWD Sport | G37S Sport 6MT |
|--|----------|----------------|----------------|
| Aluminum sill plates w/ "Infiniti" script | S | | |
| Heated front seats | S | | |
| Heated outside mirrors | S | | |
| RearView Monitor | S | | |
| HomeLink® Universal Transceiver | S | | |
| Bluetooth® Hands-free Phone System | S | | |
| Dual Zone Automatic Temperature Control with microfiltration | | S | |
| Front sport seats with manual thigh extension and power thigh and torso bolster adjustment | - | S | |
| Advanced Climate Control System (ACCS) with Plasmacluster™ air purifier | 0 | 0 | |
| Aluminum pedals | - | S | |
| Memory system for driver's seat, steering wheel and outside mirror | 0 | S | |
| Driver's seat, steering wheel and outside mirrors position synchronization | 0 | | S |
| Power tilt and telescope steering wheel with entry/exit assist | 0 | S | |
| Rear Sonar System | 0 | S | |
| Fold-down rear centre armrest with trunk pass-through feature | S | | |
| Rear window defroster with indicator light and timer | S | | |
| Illuminated entry system with time delay fade-out | S | | |
| Front seatback pockets | S | | |
| Cruise control w/ steering wheel mounted controls | S | | |
| Intelligent Cruise Control | 0 | S | |
| Power windows with driver/front passenger-side one-touch auto-up/down with safety reverse feature, remote keyless entry operable | S | | |
| Remote trunk release, electromagnetic trunk opener | S | | |
| Locking glove compartment with light | S | | |
| Driver and front-passenger sun visors with extenders and illum. vanity mirrors | S | | |
| Dual overhead map lights w/ sunglasses holder | S | | |

2013 Infiniti G37 Sedan

Technical Specifications, Features and Options

| | |
|---|---|
| Cupholders, 4 front, 2 rear | S |
| Intelligent Key system with push button ignition | S |
| One-touch auto up/down with safety reverse feature for rear windows | S |

| INSTRUMENTATION | |
|---|---|
| Analog speedometer, tachometer, coolant temperature and fuel gauges (gauges move with steering wheel tilt) and white electroluminescent instrumentation | S |
| Odometer with dual trip meters | |
| Analog Infiniti quartz clock | |
| Multi-function trip computer display with instantaneous fuel economy, driving time, outside temperature, distance to empty, average speed, average fuel economy | |

| AUDIO AND NAVIGATION SYSTEMS | G37x AWD | G37x AWD Sport | G37S Sport 6MT |
|--|----------|----------------|----------------|
| 6-speaker audio system with RDS and in-dash CD player | S | - | |
| Infiniti Studio on Wheels by Bose® Premium Audio system w/ RDS, 10 speakers, in-dash single CD with Driver's Audio Stage | O | S | |
| 7.0-inch colour display monitor with Infiniti controller | S | | |
| Rear window in-glass diversity antenna | S | | |
| XM® Satellite Radio | S | | |
| Infiniti Hard Drive Navigation System with XM NavTraffic® and NavWeather®, Zagat Survey® | O | | |
| Auxiliary input for audio and video | O | S | |
| USB Connection Port | S | | |
| Steering-wheel mounted audio controls | S | | |

| CAPACITIES | |
|-------------------------------------|--------------------------------|
| Seating capacity | 5 |
| Interior passenger volume (cu. ft.) | 99.0 (96.5 w/ moonroof) |
| Trunk volume (cu. ft.) | 13.5 (w/ temporary spare tire) |
| Fuel tank (gals.) | 20.0 |

2013 Infiniti G37 Sedan

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| CURB WEIGHTS | G37x AWD | G37x AWD Sport | G37S Sport 6MT |
|--|-----------------|-----------------------|-----------------------|
| Curb weight (kg/lbs.) | 1,732/ 3,818 | 1,765 / 3,892 | 1,681 / 3,706 |
| Weight distribution (% fr/rr, w/ driver) | 54/46 | 56/44 | 54/46 |
| GVWR (lbs.) | 4,722 | 4,846 | 4,722 |

| Fuel Economy (Actual mileage may vary) | G37x AWD | G37x AWD Sport | G37S Sport 6MT |
|--|-----------------|-----------------------|-----------------------|
| City L/100km | 11.7 | | 12.3 |
| Highway L/100km | 7.8 | | 7.9 |

| SAFETY AND SECURITY FEATURES | |
|---|---------------------------|
| Advanced Air Bag System (AABS) with dual-stage supplemental front air bags with seat belt and occupant classification sensors | S |
| Front seat-mounted side impact supp. air bags | |
| Roof-mounted curtain side impact supplemental air bags for front and rear-seat outboard occupant head protection | |
| Front seat Active Head Restraints | |
| LATCH System (Lower Anchors and Tethers for CHildren) | |
| Front seat belts with pretensioners and load limiters adjustable upper anchors (passenger side ALR/ELR) | |
| Zone Body construction | |
| Power window lockout function | |
| Shift interlock system | |
| Energy-absorbing steering column | |
| Vehicle Security System with indicator light and Infiniti Vehicle Immobilizer System | |
| Remote Keyless Entry system with panic alarm | |
| Vehicle Dynamic Control (VDC) | |
| Tire Pressure Monitoring System (TPMS) | |
| Brake-Operated Pre-Crash Seat Belts | O (not available on Base) |

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| PACKAGES AND OPTIONS | G37x AWD | G37x AWD Sport | G37S Sport 6MT |
|---|----------|----------------|----------------|
| Premium Package: Power sliding tinted glass moonroof with rear tilt feature, sliding sunshade, and one-touch operation; Infiniti Studio on Wheels® by Bose® Premium Audio system with CD player with MP3 playback capability, RDS and 10 speakers, Drivers Audio Stage and 2GB Music Box; driver's seat, steering wheel and outside mirror memory system; seat and outside mirror position synchronization (outside mirrors automatically adjust as seat is moved); power tilt and telescoping steering wheel with entry/exit assist; rear sonar system | O | - | - |
| Hi-Tech Package: Infiniti Hard Drive Navigation System with enhanced graphics, touchscreen, Lane Guidance and 3-D building graphics, Zagat Survey® restaurant reviews, XM NavTraffic® with Real-Time Traffic Information, XM NavWeather® (XM® subscription required, sold separately), 9.3GB Music Box Hard Drive Streaming Audio via Bluetooth®, DVD-video playback, Infiniti Voice Recognition for climate control, audio and navigation systems (includes Spanish language support) , Intelligent Cruise Control, Brake Assist with Preview Braking, pre-crash seat belts, rain-sensing function for windshield wipers, Advanced Climate Control System (ACCS) with Plasmacluster™ air purifier | O | O | - |

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Technical Specifications, Features and Options

| PACKAGES AND OPTIONS (cont.) | G37x AWD | G37x AWD Sport | G37S Sport 6MT |
|---|-----------------|-----------------------|-----------------------|
| Navigation Package Infiniti HD Navigation System with enhanced graphics; 9.3 GB Music Box Hard Drive; Bluetooth Advanced Audio Distribution Profile (A2DP); Digital video file (.avi) playback from USB flash drive on front 7" monitor; DVD-Video playback from disc slot on front 7" monitor; DVD-Video playback from disc slot on front 7" monitor; Infiniti Voice Recognition for Audio and Navi functions | O | O | O |
| Maple Accents: High-gloss Maple accents on console, instrument panel and doors | O | - | - |
| Sport Model (6MT) Split 5-spoke, 18 x 7.5-inch aluminum-alloy wheels with 225/50R18 W-rated summer performance tires (front), and 18 x 8.5-inch aluminum-alloy wheels with 245/45R18 W-rated summer performance tires (rear Brakes with aluminum 4-piston opposed front calipers with 14.0 x 1.3-inch ventilated discs, and 2-piston opposed rear calipers with 13.8 x 0.8-inch ventilated discs, Sport Tuned Suspension, Sport-tuned Steering Gear, Viscous Limited-Slip rear Differential (VLSD), Unique Sport front Fascia Unique headlamps, Unique Sport side sills Front sport seats with manual thigh extension and driver's power torso and thigh side support adjustment Aluminum pedals (accelerator, brake) and footrest, Solid Magnesium Paddle Shifters | - | - | S |
| Sport Model (7AT) Split 5-spoke, 18 x 7.5-inch aluminum-alloy wheels with 225/50R18 All Season tires (front and rear) Unique Sport front Fascia Unique headlamps Unique Sport side sills Front sport seats with manual thigh extension and driver's power torso and thigh side support adjustment Aluminum pedals (accelerator, brake) and footrest Solid Magnesium Paddle Shifters | - | S | - |

O – Optional

S – Standard