

# 2011 Infiniti IPL G Coupe

## Technical Specifications, Features and Options

Source of Production: Nissan Motor Co., Ltd.

Assembly Plant Location: Tochigi, Japan

<b>ENGINE</b>	
Type	VQ37VHR DOHC 24-valve
Orientation	Vertical
Cylinders / configuration	V6 with coated pistons
Block / head composition	Aluminum / aluminum
Displacement	3.7 litres
Horsepower	348 hp @ 7,400 rpm
Torque	276 lb-ft. @5,200 rpm
Bore x stroke (mm)	95.5 x 86.0
Compression ratio (:1)	11.0
Maximum engine speed (indicated redline on tachometer)	7,500 rpm
Induction system	Sequential multi-point fuel injection
Valvetrain	4 valves per cylinder
Mounts (sides/rear)	2 solid/ 1 liquid-filled
Recommended fuel	Premium unleaded
Emissions system	Closed loop feedback system with 3-way catalyst
Emission certification level	50 State, LEV2
Exhaust	IPL-tuned high-flow dual exhaust, H-pipe design with dual round chrome finishers
IPL badged engine cover	S

<b>ELECTRICAL</b>	
Electronic ignition system	S
150 amp alternator	
1.6 kW starter	
80D23L battery	

<b>DRIVETRAIN</b>	<b>IPL G Coupe</b>	<b>IPL G Coupe 6MT</b>
Drive configuration	Front engine/rear-wheel drive	
Vehicle Dynamic Control (VDC)	S	
Viscous Limited-Slip Differential (VLSD)	S	
Transmission type	7-speed automatic w/DS mode and Downshift Rev Matching, solid magnesium paddle shifters	Close-ratio 6-speed manual
Electronic Automatic Transmission Control	S	-

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DRIVETRAIN (Cont.)		IPL G Coupe	IPL G Coupe 6MT
Gear ratios (:1)		<b>7 A/T</b>	<b>6 M/T</b>
	<b>1<sup>st</sup></b>	4.923	3.794
	<b>2<sup>nd</sup></b>	3.193	2.324
	<b>3<sup>rd</sup></b>	2.042	1.624
	<b>4<sup>th</sup></b>	1.411	1.271
	<b>5<sup>th</sup></b>	1.000	1.00
	<b>6<sup>th</sup></b>	0.862	0.794
	<b>7<sup>th</sup></b>	0.771	-
<b>Reverse</b>		3.972	3.446
Final drive ratio (:1)		3.357	3.692

BODY, SUSPENSION AND STEERING	
Body type	Corrosion-resistant high-strength steel unibody with aluminum hood
Front suspension	Double wishbone w/ stabilizer bar
Rear suspension	Independent multi-link w/ stabilizer bar
IPL-tuned performance suspension	S
Sport-tuned steering	Rack-and-pinion with vehicle-speed-sensitive power steering system
Steering ratio (:1)	14.7
Turning diameter (curb-to-curb) feet	36.1
Turns (lock-to-lock)	2.7

BRAKES		IPL G Coupe	IPL G Coupe 6MT
Front	Type	Power-assisted vented disc, 4-piston opposed calipers	
Size (inches) (diameter x thickness)	14.0 x 1.3		
Rear	Type	Power-assisted vented disc, 2-piston opposed calipers	
Size (inches) (diameter x thickness)	13.8 x 0.8		
Anti-lock Braking System (ABS) 4-wheel/4-channel/4-sensor		S	
Electronic Brake force Distribution (EBD)		S	
Brake Assist (BA)		S	
Parking brake		Foot type	Hand type

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<b>WHEELS AND TIRES</b>	
Wheels	
IPL split 7-spoke graphite finish 19x8.5-inch front, 19x9.0-inch rear aluminum-alloy	S
Tires	
Fr: P225/45R19 92W; Rr: P245/40R19 94W, Bridgestone Potenza RE050A summer tires	S
Temporary spare tire in trunk, T145/70R18	S
<b>EXTERIOR DIMENSIONS (mm/inches)</b>	
Wheelbase	2849/112.2
Overall length	4701/185.1
Overall width	1823/71.8
Overall height	1394/54.9
Front track width	1544/60.8
Rear track width	1559/61.4
Coefficient of Drag (Cd)	0.32

<b>EXTERIOR FEATURES AND OPTIONS</b>	
High Intensity Discharge (HID) projector-beam xenon headlights	S
Auto on/off headlights	S
Fog lights	S
Body-colour dual power remote-controlled outside mirrors with 2-position memory	S
Heated outside mirrors	S
Rear spoiler-mounted CHMSL	S
IPL aerodynamics (front and rear fascias, side sills, rear spoiler)	S
IPL exterior badging	S
Power slide & tilt glass moonroof with one-touch open/close and sliding sunshade	S

<b>INTERIOR DIMENSIONS (mm/inches)</b>	<b>Front</b>	<b>Rear</b>
Head room	957/37.7	876/34.5
Shoulder room	1363/53.7	1338/52.7
Hip room	1356/53.4	1224/48.2
Leg room	1112/43.8	756/29.8

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INTERIOR FEATURES AND OPTIONS	IPL G Coupe	IPL G Coupe 6MT
Leather-appointed seats	S	
Heated front seats	S	
8-way power driver's seat with manual adjustable lumbar support	S	
Front sport seats with manual thigh extension and driver's power torso bolster and thigh support adjustment	S	
Driver's power lumbar support (2-way)	S	
8-way power passenger's seat	S	
IPL unique red stitching on seats and steering wheel	S	
"Silk Obi" finish aluminum trim	S	
Solid magnesium paddle shifters	S	-
Folding rear seat back	S	
Front seatback map pockets	S	
Rear window defroster with indicator light and timer	S	
Rear head restraints	S	
Illuminated entry system w/time delay fade-out	S	
Memory system for drivers seat, steering wheel and outside mirrors	S	
Driver's seat, steering wheel and outside mirror synchronization	S	
Power-tilt and telescopic steering wheel	S	
Aluminum pedals and footrest	S	

AUDIO AND NAVIGATION SYSTEMS	
Infiniti Studio on Wheels™ by Bose® Premium Audio system w/ RDS, 11 speakers, in-dash single CD with Driver's Audio Stage	S
9.3GB Music Box® Hard Drive	S
7.0-inch information display colour monitor	S
USB connectivity for iPod®, flash drive or other compatible storage device	S
Rear window diversity antenna	S
XM® Satellite Radio	S
Infiniti Hard Drive Navigation System with Zagat Survey®, Streaming Audio via Bluetooth®	S
Bluetooth Advanced Audio Distribution Profile	S
Digital video file playback from USB flash drive	S

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<b>INSTRUMENTATION</b>	
Speedometer, tachometer, coolant temperature and fuel level analog gauges	S
Centre display: HVAC status, outside temperature and compass	
Digital dual trip odometers	
VDC off switch	
Infiniti analog clock	

<b>COMFORT AND CONVENIENCE FEATURES</b>	
Cruise control w/ steering wheel mounted controls	S
Bluetooth® Hands-free Phone System	S
HomeLink® Universal Transceiver	S
RearView Monitor	S
Dual-zone Automatic Temperature Control	S
Auto-up/down and auto reverse feature front power windows (keyfob operable)	S
Power door locks (driver and passenger side switches) with auto door lock system	S
Tilt meters – meters move up and down with steering wheel tilt	
Locking glove compartment with lights	
Dual overhead map lights with sunglasses holder	
Driver and front passenger sunvisors w/ extenders and illuminated vanity mirrors	
4 front/2 rear cupholders	
Front seat belt guides	
Infiniti Intelligent Key System	

<b>CAPACITIES</b>	<b>IPL G Coupe</b>	<b>IPL G Coupe 6MT</b>
Seating capacity	4	
Interior passenger volume (cu. ft.) – SAE Method	90.1	
Trunk volume (cu. ft.)	7.4	
Fuel tank (L)	75	
Engine oil (L)	4.6	
Engine coolant (qts.)	8.5	8.6

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SAFETY AND SECURITY FEATURES	
Advanced Air Bag System (AABS) with dual-stage supplemental front air bags with seat belt and occupant classification sensors	S
Roof-mounted curtain side impact supplemental air bags for front and rear-seat outboard occupant head protection	
Front seat-mounted side impact supplemental air bags	
LATCH System (Lower Anchors and Tethers for CHildren)	
Vehicle Dynamic Control (VDC) and Traction Control System (TCS)	
Zone Body Construction with front and rear crumple zones	
Energy-absorbing steering column	
Hood buckling creases and safety stops	
Pipe-style steel side door guard beams	
Slide-away brake pedal assembly	
Reinforced side structure	
Power window lockout button	
Emergency inside trunk release	
Driver and front passenger knee bolsters	
3-point front seat belts with pretensioners and load limiters and adjustable anchors	
Front-seat Active Head Restraints	
Vehicle Security System (VSS)	
Tamper resistant door lock key cylinder	
Remote Keyless Entry system	
Tire Pressure Monitoring System (TPMS)	

CURB WEIGHTS		IPL G Coupe	IPL G Coupe 6MT
Curb weight (kg/lbs.)	Front	918 / 2,024	542.9 / 1,197
	Rear	791.5 / 1,745	780.6 / 1,721
	Total	1,709.5 / 3,769	1,686 / 3,718
Weight distribution (% fr/rr)		54/46	54/46
GVWR (kg/lbs.)		2,111 / 4,656	2,111 / 4,656

EPA MILEAGE ESTIMATES (Actual mileage may vary)	IPL G Coupe	IPL G Coupe 6MT
City	19	17
Highway	27	25
EPA Classification	Subcompact	

**S** – Standard