

2016 GT-R®

# WELCOME TO THE 2016 NISSAN CT-R. DIGITAL BROCHURE

Full of images, feature stories, and all the specification and trim level information you need to help select your GT-R.

Click here to sign up for news and updates on the 2016 GT-R.













Any one of the GT-R<sup>®</sup>'s development drivers alone would have made the Nissan GT-R<sup>®</sup> an impressive vehicle. But from the beginning, we knew GT-R<sup>®</sup> was going to redefine the breed in terms of performance, refinement and capabilities. So we brought together

the AS Class drivers – the top development drivers at Nissan – to create a vehicle that would excel not just at one racetrack, in one kind of weather, or only when driven by a master driver. This supercar would have to be for anytime, anywhere, and be as rewarding to a novice enthusiast as it would to a veteran racer.'

<sup>1</sup>Driving is serious business and requires your full attention. At all times, obey traffic laws. Not intended for unpaved off-road use. Always wear your seat belt, and please don't drink and drive.

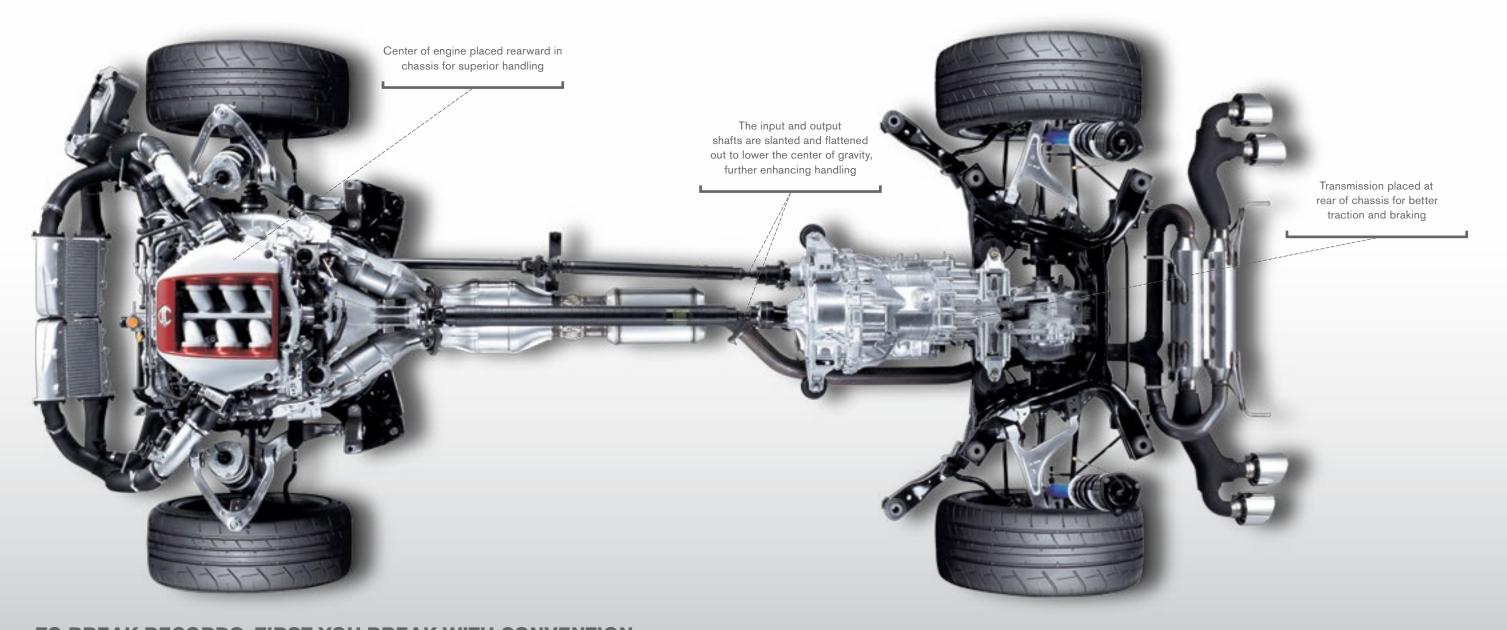
# TURNING AN ENEMY INTO AN ALLY.

For supercars, air is the enemy, to be avoided as much as possible. But Nissan employed a unique philosophy to win this battle. Building on Nissan's extensive racing experience, the GT-R® spent two years at the rolling-road wind tunnel at Group Lotus in Europe and 1.5 years in Yoshitaka Suzuka in Japan fine-tuning the secrets of bringing racecar

aerodynamics to the street. The results are an incredibly slippery 0.26 coefficient of drag, impressive downforce for traction and control, and superior air flow management and cooling of key components. Racing technology pays dividends you can enjoy on the street, giving the driver a feeling of superior stability, confidence and control.

0.26

Double fins smooth the air around Vents at the back of the front fenders Large grille opening with rounded the sides of the body. They also Vent on the side of rear bumper create downforce while reducing enhance air flow coming from edges optimizes cooling of engine, helps manage air flow toward the pressure in the engine compartment, Functional hood scoops assist the front wheel arches, creating intercoolers and running gear with rear of the vehicle Rear spoiler creates downforce and help to vent the brakes cooling in engine compartment additional downforce minimum drag 1---



# TO BREAK RECORDS, FIRST YOU BREAK WITH CONVENTION.

When building the GT-R, we followed a philosophy that says nothing is sacred – question everything and come up with new answers to achieve the results desired. A perfect example: GT-R®'s Premium Midship Platform. By moving the engine farther back in the chassis, it reduces weight over the nose for better handling. In traditional layouts, this would place the transmission rearward, intruding into the passenger cabin. The solution – separate the

transmission from the engine, and mount it with the transfer case in the rear of the vehicle, creating the world's first independent rear transaxle for an All-Wheel Drive vehicle. By putting greater weight over the rear axle, traction and braking are improved. It even creates less heat between engine and transmission, allowing both to run cooler and more efficiently. A brilliant innovation in pursuit of handling perfection.

# IT SHIFTS THE WORLD OF TRANSMISSIONS IN JUST 0.15 SECONDS.

The longer a shift takes, the less time power is being put to the ground. So for maximum acceleration, the GT-R®'s paddle-shifted 6-speed sequential dual-clutch transmission can snap off lightning-quick gear changes in just 0.15 seconds when in R-Mode – almost as quickly as you can blink.

**Two clutches. No clutch pedal.** The Nissan GT-R<sup>®</sup> s 6-speed dual-clutch transmission shifts incredibly quickly. How? Inside the transmission, there are separate clutches for the odd (1st, 3rd, 5th) and even (2nd, 4th, 6th) gears. When the car is in an odd-numbered gear, the adjacent even-numbered gear is "pre-selected" – ready to make the shift immediately. The transmission is so smart, it even "blips" the throttle on downshifts to match rpm. So even though your left leg may not get much exercise, you'll have tremendous fun shifting the GT-R.<sup>®</sup>



Steering-column-mounted paddle shifters



Transmission settings: R-Mode, Normal and Save





**196 MPH TOP TRACK SPEED**<sup>1</sup>

# 3.8-L V6

**Unconventional wisdom.** Nissan challenged tradition at every point in the GT-R®'s development. Instead of a large engine that can be heavy and thirsty for fuel, the GT-R® is powered by an ideally sized, twin-turbocharged 3.8-L V6 that produces a prodigious 545 horsepower and equally immense 463 lb-ft of torque. No detail was overlooked: rather than traditional cast-iron liners. each cylinder features a unique plasma coating sprayed onto the cylinder walls. This advanced process greatly helps reduce friction, allowing the engine to spin more freely, helping to reduce wear for added durability, and improving cooling - a uniquely brilliant way to build an engine to perform under brutal conditions.

# 545 HP

An engine is an air pump. The better it breathes, the better it works. For maximum performance, the Nissan GT-R® features a fully independent intake system for each bank of cylinders. With a special secondary air system that helps heat the catalysts more quickly, the Nissan GT-R® is not only powerful, it runs so clean that it's been certified as an Ultra Low Emissions Vehicle (ULEV).

463 LB-FT OF TORQUE

# AND BACK COMPETITION-GRADE BRAKING

# PISTON **CALIPERS**

To complement its incredible horsepower and torque, the GT-R<sup>®</sup> features awe-inspiring braking power. Look beyond the sheer size of the 15.4" front and 15.0" rear brake rotors, and you'll see that Nissan has brought some of the biggest ideas in racing to this extraordinary road car. The brakes feature 6-piston front and 4-piston rear calipers for stronger, more even clamping power – something you'd expect to see on an all-out competition machine. For extreme rigidity with light weight, the caliper is machined from a single one-piece "monoblock" of aluminum.

Heat is the enemy of any braking system. It's not uncommon to see the rotors of racecars glowing bright red. Along with cross-drilled rotors to help keep the Nissan GT-R®'s brakes cool you'll find ingenious, diamond-shaped ventilation ribs to pull away heat. The GT-R® also benefits from a full-floating rotor – a race-bred technology. By allowing the outer disc to expand away from the hub under extreme heat, it helps reduce the tendency of the rotor to warp.



# IT CORNERS LIKE IT IS READING YOUR MIND.

In GT-R,\* you'll find massive grip combined with refinement befitting a true Grand Touring machine. The suspension is designed to help filter out the bumps and noise while still telling you everything you need to know. Steering effort is reduced at lower speeds for easier in-town maneuvering, while still delivering the precision you desire. It all adds up to a supreme balance. One that lets you feel fully confident, that lets you enjoy 545 thoroughbred horsepower and the adrenaline rush that comes from charging out of a turn with perfect balance at your fingertips.

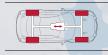
The Nissan GT-R\*'s ground-hugging aerodynamics plus powerful brakes allow it to carry speed much later into the turn. But the real key to its quickness is the All-Wheel Drive's ability to put the power down much sooner in a corner. In contrast, as they approach the limit of cornering grip, many powerful Rear-Wheel Drive cars require the driver to wait before applying power until the exit of the corner to avoid upsetting the handling of the car.



# MAKE ANY CONDITION "SUPERCAR WEATHER"

While most supercars must stay in the garage, or make a hasty retreat to warmer climates, GT-R®'s advanced All-Wheel Drive gives you confidence in slippery conditions. One of the most advanced All-Wheel Drive systems ever used in a road car, the system helps provide control of power to all four wheels. Combined with an equally advanced stability control system, the result is a superior sense of confidence. Your calendar of great driving days has just opened up.²

**Biased performance.** Instead of the traditional 50/50 torque split between front and rear axles, the Nissan GT-R\*'s electronically controlled All-Wheel Drive system is designed to provide up to nearly 100% of available torque to the rear wheels, and can send up to 50% of torque to the front wheels as needed. This provides the steering feel and response of a Rear-Wheel Drive vehicle – the preferred choice of racecar drivers and serious enthusiasts – while still giving the added confidence and controllability that only an All-Wheel Drive vehicle can offer.





**VDC that pulls for you.** Most stability control systems cut engine power or apply the brakes when they sense a loss of control. Fine for the road, but slow going in competition conditions on the track. While cornering with the Nissan GT-R\*'s advanced Vehicle Dynamic Control (VDC) system in R-Mode, it actually sends more power to the appropriate wheels when it senses oversteer or understeer, helping you drive with superior power and control.'

<sup>1</sup>VDC, which should remain on when driving except when freeing the vehicle from mud or snow, cannot prevent accidents due to abrupt steering, carelessness, or dangerous driving techniques. <sup>2</sup>Driving is serious business and requires your full attention. At all times, obey traffic laws. Not intended for unpaved off-road use. Damage resulting from racing, competitive driving, track and/or airstrip use not covered by warranty. See your New Vehicle Limited Warranty and Owner's Manual for proper vehicle operation and complete warranty details. Always wear your seat belt, and please don't drink and drive.



Whether you're out for a leisurely cruise, on your favorite track, or anywhere in between, GT-R\*'s easy-to-use 3-mode system is always ready.¹ Three switches allow for on-the-fly adjustment of specific performance parameters for the transmission, suspension and Vehicle Dynamic Control (VDC).² This is performance with amazing flexibility, all at the flip of a switch.

	R-MODE	NORMAL MODE	SPECIAL MODE
Transmission	For maximum performance with the quickest shifts.	For maximum smoothness.	Save mode – For long-distance driving and gentler torque delivery for smooth driving on slippery surfaces.
Suspension	For high-performance cornering. The damping force of the shock absorbers is set for maximum vehicle performance.	For automatic electronic control of damping.	Comfort mode – The damping force of the shock absorbers is variably adjusted for more comfort.
VDC <sup>2</sup>	For ultimate performance. Adjusts front and rear wheel power distribution to enhance handling.	For daily driving. Controls brakes and engine output.	Off mode – Disengages the VDC system.²

PHONE INFO SETTING PHONE

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# **ARTFULLY STATE-OF-THE-ART.**

The 11-speaker Bose® audio system was designed along with the vehicle itself. The die-cast aluminum structures in the doors and behind the rear seats not only make the car incredibly rigid, they're also an ideal way to mount speakers for optimum sound. Even the dual subwoofers between the rear seats were developed especially for the GT-R.® Angled specifically to work in concert with the sounds of the car, the subwoofers are mounted in a way to employ the trunk as a giant enclosure, for incredibly deep, rich bass.

iPod® or flash drive connectivity via USB input¹

Plays MP3/WMA CDs or DVDs DVD video playback

SiriusXM® Satellite Radio² Streams music from any compatible device via Bluetooth\* wireless technology\*

A supercar shouldn't just be great on the open roads – it should also help you find them. With Nissan GT-R®'s touch-screen navigation system<sup>4</sup> with voice recognition and a high-resolution screen, the world is at your command. It features a hard drive-based system for quick response, while NavTraffic® advisories in real time help keep you ahead of the crowd. You can even keep track of the weather with NavWeather.® And with DVD playback capability and a USB iPod® input, the entertainment will have no problem keeping pace. The system also includes a convenient RearView Monitor with a new wide 180° view that gives you a wider perspective on the monitor, so even parking is a quick and easy affair.<sup>5</sup>



<sup>1</sup>Driving is serious business and requires your full attention. If you have to use the connected device while driving, exercise extreme caution at all times so full attention may be given to vehicle operation. iPod<sup>®</sup> is a registered trademark of Apple, Inc. All rights reserved. iPod<sup>®</sup> not included. <sup>2</sup>Required SiriusXM<sup>®</sup> Satellite Radio, NavTraffic<sup>®</sup> and NavWeather<sup>®</sup> subscriptions sold separately after trial period. Installation costs, one-time activation fee, other fees and taxes will apply. NavTraffic<sup>®</sup> available in select markets. Services available only to those 18 or older in the 48 contiguous states and D.C. Fees and programming subject to change. Subscriptions governed by Customer Agreement available at **siriusxm.com**. ©2015 Sirius XM Radio Inc. Sirius<sup>®</sup> XM<sup>®</sup> and all related marks and logos are trademarks of Sirius XM Radio Inc. <sup>3</sup>Availability of specific features is dependent upon the phone's Bluetooth<sup>®</sup> support. Please refer to your phone Owner's Manual for details. Bluetooth<sup>®</sup> word mark and logos are owned by Bluetooth SIG, Inc., and any use of such marks by Nissan is under license. <sup>4</sup>Never program while driving. GPS mapping may not be detailed in all areas or reflect current roas status. <sup>5</sup>Parking aid/convenience feature. Cannot completely eliminate blind spots. May not detect every object and does not warn of moving objects. Always check surroundings and turn to look behind you before moving vehicle. Bose<sup>®</sup> is a registered trademark of The Bose Corporation.



Special attention to ergonomics means the Nissan GT-R<sup>®</sup> feels familiar the moment you sit down – all gauges, including the Multi-Function Display system, are on the same plane, making for an easy scan, while instruments are large, clear, and simple for maximum legibility.

Intuitive by design. Switchgear – from the door to the steering wheel-mounted controls to audio, climate control and the three setup switches – are at a similar height and are grouped by shape and function.

# INFORMATION TRAVELING AT THE SPEED OF GT-R®

FUNCTION

Like everything else in the GT-R, Nissan rethought the way the driver receives information. Multiple, easily accessed screens are an innovative way the driver can get immediate feedback to key performance parameters. The result is engaging and informative – providing quick readability combined with the flexibility of multiple customizable displays.

12:00

0.5 \_

STEERING

PHONE

SETTING

ACCEL/BRAKING G

11: 21: 31: 4:: 5:: C

CORNERING G

DEST

**CUSTOM VIEW 1** 

INFO

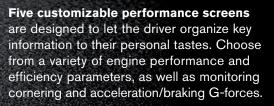
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Factory preset screen. For proof of the GT-R\*'s dedication to performance, look no further than the factory preset screen – a dedicated stopwatch activated from the steering wheel. You can even store your track times on a flash drive using the USB port in the center console.\(^2\)





# 2007 // GT-R\* 7-18 2009 // GT-R\* 7-18 2012 // GT-R\* 7-108

September 30, 2013
// GT-R° NISMO°
(with track options)

# **EVOLUTION NEVER STOPS FOR THE NISSAN GT-R**?

It has always been about passion. The Nürburgring is the great equalizer when it comes to supercar performance. Manufacturers from around the world come here to test and develop their ultimate performance machines. And for the very finest, there's always the challenge of setting record times.

During testing in 2007, the all-new GT-R® created a sensation when it posted an official 7-minute, 38.5-second lap – one of the fastest laps ever posted around Germany's legendary Nürburgring. But for team GT-R® it was just the beginning. In 2009, the GT-R® sent another shock wave through the performance world with an unofficial time of 7 minutes, 26.7 seconds. Why stop at just one lap? In May 2012, the GT-R® returned to the Nürburgring to compete in a grueling 24-hour race. Against full-on race cars, the stock production GT-R® took incredible punishment, and was able not only to finish – it was first in class.¹

Driven to constantly improve, on September 30, 2013, the 2015 GT-R<sup>®</sup> NISMO<sup>®</sup> with track options took to the Nürburgring, and ran an incredible 7:08.679. We cheered. We celebrated. And then we went back to work. Because where others see a finish line, we just see the start of the next lap.

The "Green Hell." Welcome to the Nürburgring, the world's most torturous track. 13 miles long, 73 bends in the picturesque Eifel mountains of Germany. The GT-R® logged thousands of miles at the 'Ring, consistently recording lap times only matched by a few of the world's most capable – and most expensive – production cars.



# **GT-R® HIGH-PERFORMANCE GUIDE**

# **ENGINE**

VR38 Twin Turbo Engine

An engine designed to answer the demands of a supercar for the 21st century, the VR38 is high-performance, while still being fuel-efficient and conscious of the environment.

IHI Integrated Turbocharger

An IHI turbocharger is mounted on each bank of the engine. By combining the exhaust manifold and turbocharger into a single unit, the intake and exhaust gas flow is optimized. A larger intercooler is installed for more efficient cooling. To ensure there is no turbo lag as torque rises, high-precision electronic controls are employed.



545 HP

The perfect blend of size and power

Closed Deck and Ladder Frame Structure

The cylinder block features a closed deck for strength. For added strength, a ladder frame structure was also adopted to give the crankshaft added support, important with the engine's massive torque. Magnesium alloy was selected for the oil pan and rocker cover for its light weight and strength.

Independent Intake and Exhaust System

For higher horsepower and better response than a naturally aspirated engine, each side of the VR38 features its own turbocharger, intercooler, and catalyst. By employing an independent intake and exhaust system for each side of the V6, intake air flow is increased and exhaust back-pressure is decreased.

#### Plasma Coating Bore

Innovative plasma-sprayed bores are used in each cylinder instead of traditional cast-iron liners. This enhances cooling, reduces friction and weight while maximizing horsepower and increasing fuel-efficiency. Compared to the cast-iron liner, the overall weight decreased by approximately 6.6 pounds (3 kg).

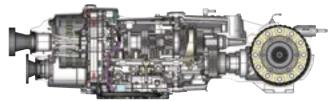
#### Oil Cooler with Thermostat

For optimal control of engine cooling, the VR38 features a thermostatically controlled oil cooler system. A scavenger pump is employed to help keep oil flowing to the turbochargers, even during the strong lateral Gs experienced on a racecourse.

The GT-R\*\*s Premium Midship (PM) platform layout places the transmission, transfer case and final drive at the rear of the vehicle without the use of traditional torque tubes, allowing the suspension to operate independently and optimizing tire grip at each corner.

This enables the use of the world's first independent rear transaxle All-Wheel Drive system. To further enhance handling, the input and output shafts are slanted and flattened out to lower the center of gravity.

# TRANSMISSION



World's first independent rear AWD transaxle

GR6

Dry Sump Lubrication System

To ensure stable lubrication for the transmission even when cornering at high Gs, a dry sump lubrication system is employed. The system sprays transmission oil directly onto the gears, reducing friction and increasing reliability.

#### ATTESA E-TS® All-Wheel Drive System

The ATTESA E-TS\* is a Rear-Wheel Drive biased system that can vary torque split from 2:98 to 50:50 depending on speed, lateral acceleration, steering angles, tire slip, road surface and yaw rate. A GT-R\*-specific yaw-rate feedback control measures the differences between the target yaw rate calculated from steering angle and actual yaw rate detected by the yaw-rate sensor and G sensor and adjusts torque bias to help follow the driver's steered line.

# **AERODYNAMICS**



0.26Cd High downforce with an ultra-low coefficient of drag

Aerodynamics figured prominently in the development of the GT-R.\* Generally, the lower the coefficient of drag (the resistance to air), the lower the downforce, which aids grip and handling. Thanks to the GT-R\* Premium Midship Package, the GT-R\* was able to create a strong downforce while capping the Cd at 0.26. And by using aerodynamics to actively cool the powertrain and brakes, a better overall performance was made possible.

# BODY

Multi-material Body Structure The GT-R\*'s body gets impressive strength from Carbon Aluminum Die-cast Steel.'

For structural rigidity, aluminum die-cast door inner panels are employed. In addition, die-cast aluminum is also used for the front strut housing and in the front suspension. For added structural rigidity, the suspension's strut tower bar is made of a lightweight carbon composite containing aluminum honeycomb.



Anti-chipping Body Coating, Double Clearcoat, and Scratch Shield

At the velocity the GT-R\* can attain, even the smallest stones can cause extensive damage to the vehicle's finish. To help keep the GT-R\* looking new, models finished in available Deep Blue Pearl, Gun Metallic, Solid Red and Super Silver' feature an innovative anti-chipping coating applied to the top of the front grille and the front of the rear fender – the two places most prone to chipping during driving. In addition, a double clearcoat helps protect the finish. Vehicles finished in available Pearl White,' Jet Black and Regal Red' feature a Scratch Shield, a clearcoat that is more scratch resistant compared with conventional clearcoats, helping a vehicle maintain its new look for a longer period of time.



Hyper LED Driving Lights

For greater visibility from other vehicles, the GT-R\* features Hyper LED Driving Lights. Despite their compact size, the LED lights are highly visible, even in broad daylight.

<sup>1</sup>Extra cost option

# **GT-R® HIGH-PERFORMANCE GUIDE**

#### CHASSIS



From a smooth, civilized ride to racetrack-ready performance at the touch of a button.<sup>1</sup>

Handling duties are managed by a sophisticated 4-wheel independent suspension system mounted to high-precision 6-point front and rear subframes. A special Bilstein\* DampTronic\* driver-adjustable shock absorber system utilizes multiple vehicle information systems to provide appropriate damping forces and a high level of control for a variety of driving situations.

The DampTronic\* system features three driver-selectable settings – Normal; Comfort, for maximum suspension compliance; or R for sporty driving. The

system is exceptionally advanced – the electronic controller of the damping force optimally manages 11 types of vehicle data.

The GT-R\* runs on Dunlop\* SP Sport Maxx GT 600 DSST CTT high-performance run-flat nitrogen-filled tires designed to match the suspension characteristics. Standard tire sizes are 255/40ZRF20 front and 285/35ZRF20 rear. Taking advantage of GT-R\*'s anytime, anywhere capability, optional Dunlop\* SP 7010 all-season run-flat tires are offered as part of the Cold Weather Package.<sup>2,3</sup>



The Nissan GT-R\*'s rigid forged aluminum 20-inch wheels, manufactured

by RAYS, utilize knurling inside the wheels to help keep the tires from slipping

15.35-inch front and 15.0-inch rear Brembo\* full-floating cross-drilled two-piece rotors and low-steel high-stiffness brake pads help minimize fade and help provide powerful stopping performance. The calipers utilize racecar-style radial mounting to help minimize caliper flex during extreme braking.

front and 4-piston rear calipers.



Calipers machined from a single "monoblock" of aluminum.

# SETUP SWITCH

The heart of the GT-R\*'s anytime, anywhere performance,' the system allows adjustment of the settings at a touch of a fingertip. The transmission, shock absorbers and VDC' vehicle dynamic control can each be shifted into three modes: 'R' mode, 'NORMAL' mode and individual modes for each system. Combined with the choice of automatic or manual shifting, these modes help give the driver exhilarating performance and control, whether on the circuit, on the highway in the rain or snow, even on rough road surfaces on city streets.

Street to Track at Your Fingertips.



# COCKPIT

The combination uses meshing gears as its motif. The tachometer is placed in the center, with the large-scale shift indicator on the upper right, supporting the driver with immediate readability when driving on the circuit.'



So advanced, it can even help you become a better driver.

#### Multi-Function Meter

On the center display, a 7-inch wide LCD monitor, the multi-function meter, displays the vehicle condition and driving log. For example, when driving on a circuit, the system gives the driver detailed information to help understand the condition of the car. The braking and steering display shows the corresponding log on lateral G and longitudinal G for 20 seconds. A recording feature with playback lets the driver see how they were able to control the car during cornering, or how much unnecessary movement took place — information that can be used to improve driver technique.

# RECARO® SEATS

# The Interface Between Driver and GT-R®

The standard for comfort and control. On select GT-R\* models, the front driver and passenger seat are designed by legendary manufacturer Recaro. Deep bolsters are designed to help hold the driver and passenger in place, even during the most strenuous cornering. Superb support also makes the Recaro\* an excellent seat for grand touring. On the GT-R\* Black Edition, the seats are leather-appointed in a black and red contrasting color scheme.

Developed exclusively for GT-R,\* the headlights feature four LED units to create an extremely natural light, replicating daylight, while also offering increased illumination. The super-wide-beam headlights expand the area of illumination toward the sides of the front of the car, enhancing visibility, especially when cornering. The super-wide-beam's range is so expansive, front fog lights are unnecessary. And while the headlights are great for the driver, they are also considerate of others – the three supporting reflectors illuminate a large area of the side of the car without blinding oncoming traffic.





¹Driving is serious business and requires your full attention. At all times, obey traffic laws. Not intended for unpaved off-road use. Damage resulting from racing, competitive driving, track and/or airstrip use not covered by warranty. See your New Vehicle Limited Warranty and Owner's Manual for proper vehicle operation and complete warranty details. Always wear your seat belt, and please don't drink and drive. ¹Driving is serious business and requires your full attention. At all times, obey traffic laws. Not intended for unpaved off-road use. Always wear your seat belt, and please don't drink and drive. ³Always use appropriate tires for unpaved off-road use. Always use appropriate tires for weather conditions. See Owner's Manual for details. Failure to use appropriate tires could cause an accident resulting in serious injury or death. ⁴VDC, which should remain on when driving except when freeing the vehicle from mud or snow, cannot prevent accidents due to abrupt steering, carelessness, or dangerous driving techniques. Alcantara® is a registered trademark of Alcantara S.p.A. Corporation. Bilstein® and DampTronic are registered trademarks of ThyssenKrupp Bilstein GmbH. Brembo® is a registered trademark of Freni Brembo S.p.A. Dunlop® is a registered trademark of DNA Ltd. Corporation. RAYS® is a registered trademark of RAYS Engineering. Recaro® is a registered trademark of Recaro North America Inc.





Performance art. The Black Edition's rear spoiler is as breathtaking to the eye as it is slippery to the wind. Handmade in a limited monthly production run, the lightweight dry carbon-fiber is also incredibly strong. To make it a feast for the senses, a special coating allows you to feel the weave of the carbon-fiber.'

The connection between driver and machine gets even more intimate with the GT-R® Black Edition's supremely supportive Recaro® leather-appointed front seats. Matching red leather appointments on the door pulls and the shift lever are a perfect complement to the contrasting panels on the seats, with the finishing touch of red accents on the steering wheel to create a driver's environment that is as inspiring to look at as it is to employ. Equally exhilarating, the Black Edition rides on 6-spoke special lightweight forged aluminum wheels, measuring 20" x 9.5" in front and 20" x 10.5" at the rear. A dry carbon-fiber composite rear spoiler ensures that the final impression you leave will be a most memorable one.

10-

# GT-R<sup>®</sup> BLACK EDITION DESIGNED FOR THE PURIST.

# NISSAN GT-R\* NISMO\* SIMPLY THE DOMINANT SUPERCAR OF ITS TIME.

Pure. Undiluted. Awe-inducing. With 600 horsepower of fury combined with unmatched control. From its high capacity turbos to its specially tuned suspension, this is the ultimate GT-R.\*

On the outside, a competition-developed body kit adds an additional 220 lbs. of downforce with a unique rear spoiler and carbon-fiber bumpers, trunk lid and side sills. Subtle yet special, contrasting dark gray mirrors feature a red accent stripe. The entire body sits poised over unique front and rear alloy wheels, wearing specially developed Dunlop® tires.

Inside is just as focused, with Recaro\* seats, an Alcantara\*-wrapped steering wheel with red leather stripe at 12 o'clock, and a signature NISMO\* red throughout the cabin, including the seatbacks, tachometer face, shift lever and door handle pulls.

600

481 lb-ft of torque

220 lbs. of additional downforce

0.26 coefficient of drag

NISMO® unique 6-spoke wheels

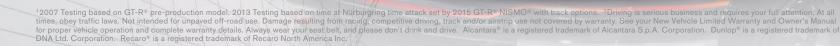
NISMO® carbon-fiber body kit











Constantly improving. During testing in 2007, the GT-R® posted an

around Germany's legendary Nürburgring. On September 30, 2013

official 7-minute, 38.5-second lap - one of the fastest laps ever posted

the GT-R® NISMO® posted a timed lap of 7:08.679 - nearly 30 seconds

# BECAUSE YOU'RE NOT DRIVING A CAR, YOU'RE DRIVING A LEGEND. anty on Genuine Nissan Replacement Parts, Genuine NISMO® S-Tune Parts, and Genuine Nissan Accessories for the longer of 12 months/12,0 36,000-mile (whichever occurs first) Nissan New Vehicle Limited Warranty. Terms and conditions apply. See Warranty Information Booklet for deta essories are covered by Nissan's Limited V t) or the remaining period under the 3-year

# **GENUINE NISSAN ACCESSORIES**

Every Genuine Nissan Accessory is custom-fit, custom-designed and durability-tested. Each one is backed by Nissan's 3-year/36,000-mile (whichever occurs first) limited warranty (if installed by dealer at the time of purchase), and can be financed when installed by dealer at time of purchase.

GT-R<sup>®</sup> Genuine Branded Merchandise includes apparel, lifestyle, and sports and leisure equipment to show your passion wherever you – and your GT-R<sup>®</sup> – go.

- A. **Premium Sport Floor Mats with Carbon-fiber Inserts**The ultimate mat for the ultimate supercar.
- B. GT-R\* Tech Performance Polo Shirt
  Expressive style. Available in black and white, in men's and women's sizes.
- C. Vehicle Cover

Like lingerie for your GT-R, with a stretch satin custom cover for a perfect fit and a soft fleece inner liner to protect the finish. Available in gray or black.

- D. Chrome Jack with GT-R<sup>®</sup> Logo
  Exquisitely detailed, it will give you a lift every time you look at it.
- E. GT-R<sup>®</sup> Carpeted Floor Mats
  Preserve and protect your GT-R.<sup>®</sup>
- F. Nissan Valve Stem Caps Show your Nissan pride.
- G. Wheel Locks

Four Wheel Locks and coded Wheel Lock Socket keep your wheels out of the wrong hands.

# **Additional Accessories:**

- Standard Tool Kit
- Emergency Road Kit
- Vehicle Cover Cable Lock
- Ash Cup

For more information and to shop online for GT-R® Genuine Nissan Accessories, go to bit.ly/16gtr-estore



# CHOOSE YOUR TRIM LEVEL

# **PREMIUM**

- 3.8-liter twin-turbo V6 engine
- Dual-clutch 6-speed transmission
- ATTESA E-TS® All-Wheel Drive
- 20" Super-lightweight RAYS\* forged-alloy wheels
- Dunlop® SP Sport MAXX GT600 DSST CTT high-performance run-flat tires
- Nissan/Brembo® braking system
- Bilstein® DampTronic® suspension system
- Advanced Vehicle Dynamic Control (VDC)<sup>1</sup> with three driver-selectable modes

- Multi-LED headlights with signature lighting
- Nissan Hard Drive Navigation System
- Driver-configurable Multi-Function Display system
- Bose® audio system with Active Noise Cancellation (ANC)
- Leather-appointed front seats with synthetic suede inserts







# GT-R® NISMO®

#### INCLUDES PREMIUM EDITION EQUIPMENT PLUS:

- NISMO\*-tuned 600-hp, 3.8-liter, highcapacity twin-turbocharged V6 engine
- NISMO®-tuned suspension
- NISMO\*-tuned 17.3-mm hollow rear stabilizer bar
- NISMO\* Black 20" super-lightweight RAYS\* forged-alloy wheels
- NISMO\* aerodynamic body design carbon-fiber front and rear fascia, side sills and rear spoiler

- Additional front and rear brake cooling air ducts
- Carbon-fiber trunk lid
- NISMO® tachometer
- NISMO® Recaro® leather-appointed front seats with red Alcantara® inserts
- NISMO® Black/Red interior treatment
- NISMO® Alcantara®-wrapped steering wheel and gauge hood





# **KEY AVAILABLE PACKAGES:**

- Premium Interior Package
- Cold Weather Package

**BLACK EDITION** 

# INCLUDES PREMIUM EDITION EQUIPMENT PLUS:

front seats

- 20" Special dark-finished super-lightweight forged-alloy RAYS® wheels
- Dry carbon-fiber rear spoiler<sup>2</sup>
- Black/Red Recaro® leather-appointed







# 45TH ANNIVERSARY GOLD EDITION<sup>3</sup>

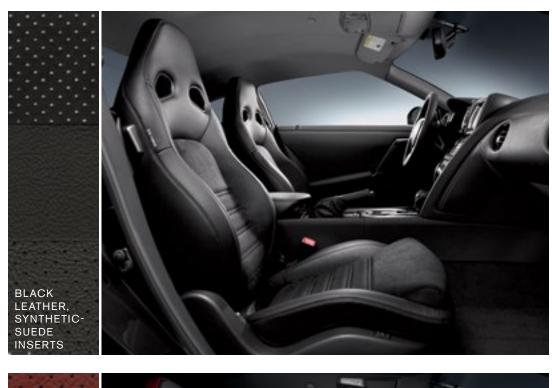
#### INCLUDES PREMIUM EDITION EQUIPMENT PLUS:

- Unique 45th Anniversary Gold color
- Commemorative interior plaque
- Gold-tone VIN plate in engine compartment



¹VDC, which should remain on when driving except when freeing the vehicle from mud or snow, cannot prevent accidents due to abrupt steering, carelessness, or dangerous driving techniques. ²Dry carbon-fiber requires specific maintenance. Please see your Owner's Manual for details. ³Limited production color. Alcantara\* is a registered trademark of Alcantara S.p.A. Corporation. Bilstein\* and DampTronic\* are registered trademarks of ThyssenKrupp Bilstein GmbH. Bose\* is a registered trademark of The Bose Corporation. Brembo\* is a registered trademark of Freni Brembo S.p.A. Dunlop\* is a registered trademark of DNA Ltd. Corporation. RAYS\* is a registered trademark of Recaro North America Inc.

# CHOOSE YOUR FABRIC















# **CHOOSE YOUR COLOR**

You've decided which GT-R® you want, now here comes the best part: deciding what it's going to look like. Choose your favorite color and then pick from the available interiors based on the model of your choice.



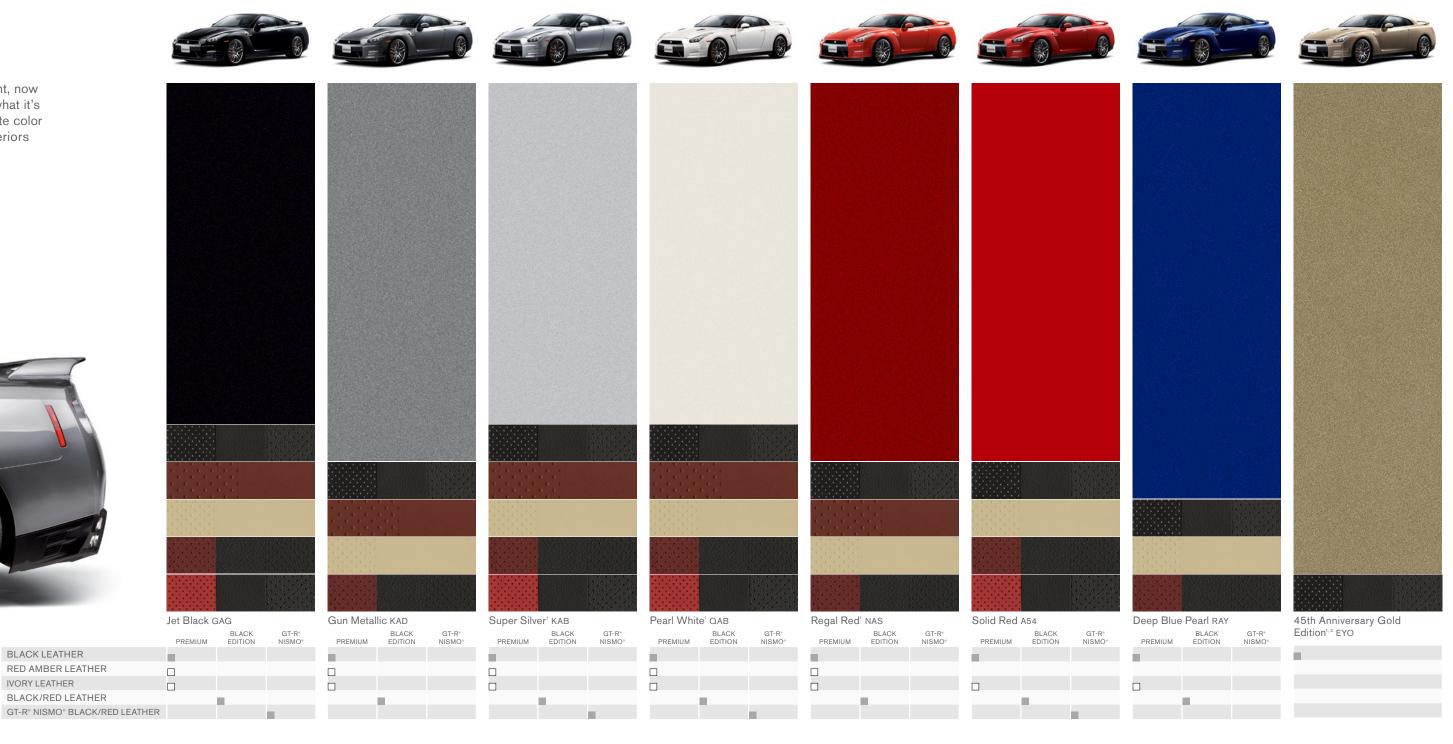
BLACK LEATHER

RED AMBER LEATHER IVORY LEATHER

BLACK/RED LEATHER

Standard □ Optional <sup>1</sup>Extra cost option <sup>2</sup>Limited production color

Nissan has taken care to ensure that the color swatches presented here are the closest possible representations of actual vehicle colors. Swatches may vary slightly due to viewing light or screen quality. Please see the actual colors at your local Nissan dealer.



# **SPECIFICATIONS**

		DI L	L CT-D®
Engine	Premium	Black Edition	GT-R® NISMO®
VR38DETT - 3.8-liter twin-turbocharged 24-valve	V6		
Horsepower – 545 horsepower @ 6,400 rpm			
Torque - 463 lb-ft of torque @ 3,200-5,800 rpr	n		
Cylinder bore x stroke – 95.5 x 88.4 mm			
Top speed - 196 mph			
Emissions - 50 State LEV2/ULEV			
NISMO®-tuned VR38DETT - 3.8-liter high-capac	ity		
twin-turbocharged 24-valve V6	_		
Horsepower – 600 horsepower @ 6,800 rpm			
Torque - 481 lb-ft of torque @ 3,200-5,800 rpr	n		
Cylinder bore x stroke - 95.5 x 88.4 mm			
Top speed - 196 mph			
Emissions - 50 State LEV2/ULEV			
Continuously Variable Valve Timing Control System	ı		
(CVTCS) on intake valves			
Aluminum cylinder block with high-endurance/low-fi	riction		
plasma-sprayed bores			
Aluminum pistons			
Nissan Direct Ignition System with iridium-tipped spa	ark plugs		
Electronic drive-by-wire throttle			
Pressurized lubrication system with thermostaticall	у		
controlled cooling and magnesium oil sump			
Fully symmetrical dual intake and low back-pressu	re		
exhaust systems			
Secondary air intake system to rapidly heat catalys	sts to		
peak cleaning efficiency			
Special 50:50 coolant mix	С		
Drivetrain			
ATTESA E-TS® All-Wheel Drive (AWD) with pate	nted		
independent rear-mounted transaxle integrating			
transmission, differential and AWD transfer case			
Advanced Vehicle Dynamic Control (VDC) with the	rree		
driver-selectable modes (Normal, R-Mode, Off)			
Electronic Traction Control System (TCS)			
	CAccessory		
_	Part of Premium Inte		
	Part of Cold Weather	Package	

Drivetrain (continued)	Premium	Black Edition	GT-R® NISMO®
Dual-clutch 6-speed transmission with three driver-			
selectable modes (Normal, R-Mode, Save)			
Fully automatic shifting or full sequential manual control via			
steering column-mounted paddle shifters			
Downshift Rev Matching			
Predictive pre-shift control (in R-Mode) preselects the next			
gear change based on throttle position, vehicle speed,			
braking input and other information			
Rigid, lightweight carbon-composite main driveshaft			
High-performance 1.5-way mechanical limited-slip			
_rear differential			
Hill start assist			

Brakes		
Nissan/Brembo® braking system - 4-wheel disc brakes,		
15.4" front and 15.0" rear two-piece floating-rotors with		
diamond-pattern internal ventilation		
Super-rigid 6-piston front/4-piston rear monoblock calipers		
with racecar-inspired 3-point radial mounting		
4-wheel Anti-lock Braking System (ABS)		
Electronic Brake force Distribution (EBD)		
Additional front and rear brake cooling air ducts		

Suspension/Steering		
Double-wishbone front suspension with aluminum arms		
Multi-link rear suspension with aluminum arms		
Rigid front and rear suspension subframes, assembled in		
high-precision jigs similar to a racecar, with 6-point mounting		
to body		
Bilstein® DampTronic® suspension system with three		
driver-selectable modes (Normal, R-Mode, Comfort)		
Track-tuned suspension		
NISMO®-tuned suspension		
Hollow front stabilizer bar		
Solid rear stabilizer bar		
NISMO®-tuned 17.3 mm hollow rear stabilizer bar		
Vehicle-speed-sensitive power steering		
2.4 Steering-wheel turns lock-to-lock		

	Premium	Black	GT-R®
Wheels/Tires		Edition	NISMO®
Super-lightweight RAYS® forged-alloy wheels:			
20" x 9.5" (front) 20" x 10.5" (rear)			
Special dark-finished super-lightweight RAYS® forged-alloy			
wheels: 20" x 9.5" (front) 20" x 10.5" (rear)			
NISMO® black super-lightweight RAYS® forged-alloy			
wheels: 20" x 10.0" (front) 20" x 10.5" (rear)			
Exclusively developed tires,1 nitrogen-filled at factory:			
255/40ZRF20 (front) 285/35ZRF20 (rear)			
Dunlop® SP Sport MAXX GT600 DSST CTT high-			
performance run-flat tires <sup>1</sup>			
Dunlop® SP Sport 7010 all-season run-flat tires	С		

Chassis/Body		
Premium Midship (PM) platform with hybrid unibody		
assembled using high-precision, ultra-low-tolerance jigs		
similar to racecar construction		
Aluminum hood and outer door skins		
Aluminum trunk lid		
Carbon-fiber trunk lid		
Die-cast aluminum front shock towers and inner door structures		
Carbon-fiber engine chassis brace		
Carbon-composite front crossmember/radiator support		
All outer body panels stamped using multiple-strike coining		
process for exceptional rigidity and precision		
Increased rigidity to the body shell is achieved using		
adhesive bonding and spot welding		

Exterior Features		
Aerodynamic undertrays		
Front spoiler with carbon-fiber air ducts		
Front fenders designed to optimize air management		
around the wheels		
Body-color rear spoiler		
Dry carbon-fiber rear spoiler <sup>2</sup>		
NISMO® aerodynamic body design – carbon-fiber front		
and rear fascia, side sills and rear spoiler		
Multi-LED headlights with signature lighting		
Automatic on/off headlights		

¹Always use appropriate tires for weather conditions. See Owner's Manual for details. Failure to use appropriate tires could cause an accident resulting in serious injury or death. ¹Dry carbon-fiber requires specific maintenance. Please see your Owner's Manual for details. Failure to use appropriate tires could cause an accident resulting in serious injury or death. ²Dry carbon-fiber requires specific maintenance. Please see your Owner's Manual for details. Failure to use appropriate tires for weather conditions. See Owner's Manual for details. Failure to use appropriate tires could cause an accident resulting in serious injury or death. ²Dry carbon-fiber requires specific maintenance. Please see your Owner's Manual for details. Failure to use appropriate tires for weather conditions. See Owner's Manual for details. Failure to use appropriate tires could cause an accident resulting in serious injury or death. ²Dry carbon-fiber requires specific maintenance. Please see your Owner's Manual for more details. \$\text{Payen}\$ and \$\text{Dany Customer Agreement available at \text{sirusxm.com.}\$ (SirusxM\text{\text{Radio in NavTraffic\text{\text{\*}}} and \text{Navigation}\$ and logos are trademarks of Sirius XM Radio Inc. \$\text{"Availability of specific features is dependent upon the phone's Bluetooth\text{\text{\*}} such as a legistered trademark of Sirius XM Radio Inc. \$\text{"Availability of specific features is dependent upon the phone's Bluetooth\text{\text{\*}} such as a registered trademark of Sirius XM Radio Inc. \$\text{"Availability of specific features is dependent upon the phone's Bluetooth\text{\text{\*}} such as a registered trademark of Sirius XM Radio Inc. \$\text{"Availability of specific features is dependent upon the phone's Bluetooth\text{\text{\*}} such as a registered trademark of Sirius XM Radio Inc. \$\text{"Availability of specific features is dependent upon the phone's Bluetooth\text{\text{\*}} such as a registered trademark of Sirius XM Radio Inc. \$\text{"Availability of specific features is dependen

# SPECIFICATIONS (CONTINUED)

Exterior Features (continued)	Premium	Black Edition	GT-R® NISMO®
LED Daytime Running Lights and LED taillights			
Dual power folding heated outside mirrors			
Flush-mounted aluminum door handles			
Quad 5" polished exhaust finishers			
Titanium exhaust with polished exhaust finishers			
UV-reducing solar glass			

Comfort/Convenience		 
Nissan Hard Drive Navigation System with 7.0" VGA		
touch-screen monitor and voice recognition		
NavTraffic® and NavWeather® provided by SiriusXM³		
Driver-configurable Multi-Function Display system with		
graphical readouts of vehicle data and driving data		
displayed on a total of six screens		
RearView Monitor		
Nissan Intelligent Key® with Push Button Ignition		
Electronic analog instrument cluster with upshift indicator,		
vehicle information display and digital gear indicator		
NISMO® tachometer		
Bluetooth® Hands-free Phone System4		
HomeLink® Universal Transceiver		
Dual Zone Automatic Temperature Control (ATC)	_	
In-cabin microfilter		
Power front windows with one-touch auto-up/down		
Power door locks with auto-locking feature		
Cruise control with steering wheel-mounted controls		
Tilt/telescoping steering column with integrated gauges		
Variable intermittent flat-blade speed-sensitive		
windshield wipers		
Sun visors with illuminated vanity mirrors		
Overhead sunglasses storage		
Map lights		
Auto-dimming inside rearview mirror		
12-volt DC power outlets (2)		
Lockable glove compartment		
Front door pockets		
Cup holders (2 front, 1 rear)		

Seating/Appointments	Premium	Black Edition	GT-R® NISMO®
Leather-appointed front seats with synthetic suede inserts			
Hand-stitched semi-aniline leather-appointed seats	Р		
Black/Red Recaro® leather-appointed front seats			
NISMO® Recaro® leather-appointed front seats with			
synthetic-suede inserts			
8-way power driver's seat			
4-way power front passenger's seat with entry/exit switch			
for rear passenger			
Heated front seats			
Hand-stitched semi-aniline leather interior treatments	Р		
Black/Red interior treatment			
NISMO® Black/Red interior treatment			
Leather-wrapped steering wheel			
NISMO® Alcantara®-wrapped steering wheel and gauge hood			
Leather-wrapped magnesium paddle shifters			
Leather-wrapped gearshift knob			
Carbon-fiber and charcoal brushed-metal interior trim			
Aluminum-trimmed pedals			
GT-R® carpeted floor mats	AC	AC	AC

Audio/Entertainment		
Bose® audio system with Active Noise Cancellation (ANC)		
11 speakers, including dual subwoofers		
MP3/WMA CD and DVD video playback capability		
SiriusXM® Satellite Radio³		
USB connection port for iPod® interface and other		
compatible devices		
Streaming audio via Bluetooth® wireless technology4		
Steering wheel-mounted audio controls		
Speed-sensitive volume control		

Safety/Security		
Nissan Advanced Air Bag System with dual-stage		
supplemental front air bags with seat belt and		
occupant-classification sensors <sup>5</sup>		
Driver and front-passenger side-impact supplemental air bags <sup>5</sup>		

Safety/Security (continued)	Premium	Black Edition	GT-R® NISMO®
Roof-mounted curtain side-impact supplemental air bags			
for front occupant head protection <sup>5</sup>			
Front seat belts with pretensioners and load limiters			
LATCH System (Lower Anchors and Tethers for CHildren)			
Zone Body construction with front and rear crumple zones			
Hood-buckling creases and energy-absorbing steering column			
Tire Pressure Monitoring System (TPMS) with individual tire			
pressure display <sup>6</sup>			
Nissan Vehicle Immobilizer System			
Vehicle Security System			

# **PACKAGES**

Premium Interior Package

Hand-stitched semi-aniline leather-appointed seats

Hand-stitched semi-aniline leather interior treatments

© Cold Weather Package
Dunlop® SP Sport 7010 all-season run-flat tires¹
Special 50:50 coolant mix

# **DIMENSIONS/CAPACITIES**

<b>Dimensions - Inches</b>	
Exterior	
Wheelbase	109.4
Overall length	183.9; 184.3 GT-R® NISMO®
Overall width	74.6
Overall height	53.9; 53.9 GT-R <sup>®</sup> NISMO <sup>®</sup>
Track width (front/rear)	62.6/63.0; 63.0/63.0 GT-R® NISMO®

Aerodynamics - Cd		
Drag coefficient	0.26	

Interior (front/rear)				
Head room	38.1/33.5	Hip room	54.7/44.9	
Leg room	44.6/26.4	Shoulder room	54.3/50.0	

Capacities		
Interior passenger volume (cu. ft.)	79.0	
Cargo volume (cu. ft.)	8.8	
Fuel tank (gals.)	19.5	

Curb Weights – Lbs.				
	Premium	Black Edition	GT-R® NISMO®	
Base total	3,922	3,904	3,885	
Weight distribution	54/46	54/46	54/46	

# 2016 EPA Fuel Economy Estimates

City/highway/combined MPG 16/23/19





Up to 183.9"



# **BUYING/OWNING**



Nissan Motor Acceptance Corporation. Whether you're buying or leasing, you'll find attractive rates and flexible terms to make your purchase more accessible.

**College Grad Program.** Ask about our special new vehicle pricing available to individuals up to two years after graduation.

Active and Reserve US Military Program. Ask about eligibility for our fixed discount on new vehicle pricing available to those serving our country.

New Vehicle Limited Warranties. Protection for your new Nissan includes 3-year/36,000-mile (whichever occurs first) basic coverage and 5-year/60,000-mile (whichever occurs first) powertrain coverage. Terms, conditions and exclusions apply. See Warranty Information Booklet for complete details.

**Security+Plus.** For additional peace of mind, a variety of extended service plans lets you tailor the coverage to your driving habits.

Maintenance+Plus. This extended plan ensures your Nissan will receive up to 17 different services and over 33 different inspection items at each visit, using the most up-to-date diagnostic equipment available.

**Genuine Nissan Parts.** When it comes time for service, any necessary replacement parts will be made using Genuine Nissan new or remanufactured parts, or Nissan-approved parts. And they're the only parts to carry Nissan's factory-backed limited warranty.

**Nissan Mobility Assist.** This program offers reimbursements toward the purchase and installation of certain mobility assistance products for program-eligible Nissans. Go to **NissanUSA.com/mobility** for more info.

#### Thumbs Off Your Phone While Driving!

Every year, too many people die because we can't put our phones down while driving. That's why Nissan is supporting the Red Thumb Movement as part of our ongoing commitment to reduce fatalities on the road. So paint your thumbnail red as a reminder not to pick up your phone when you're behind the wheel. Find out more at NissanUSA.com/redthumb



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