

**NISSAN REVOLUTIONISES SMALL CAR TECHNOLOGY WITH NEW NISSAN NOTE
Safety Shield and Around View Monitor set to make high-end technology
available to all**

- **All-new Nissan Note will be the first model to launch Nissan's pioneering Safety Shield technology**
- **Around View Monitor system combines with Nissan Safety Shield to enhance driver's field of vision**
- **Nissan Note will be the first car in its segment to offer high-end technologies, made affordable through innovative engineering**

Rolle, Switzerland, 19th February, 2013 – Nissan is set to revolutionise the small car segment and once again prove its credentials as a technological trailblazer with its newest innovation - the Nissan Safety Shield.

Nissan's commitment to innovation, style and excitement has produced some of the most talked-about cars in recent years. And now, following in the tracks of the ground-breaking Qashqai and Juke, the new Note sets the standard for advanced, relevant technology in an affordable small car package. The Note features intelligent, relevant features useful in day to day driving, allowing drivers to feel safer and more secure at all times.

With cities across Europe continuing to battle with congestion and road traffic accidents claiming around 34,000 lives each year and leaving more than 1.1 million people injured*, Nissan has committed itself to making safety technologies more accessible - Nissan Safety Shield plays a key part in this process. This new technology will be making its global segment debut on the Nissan Note to be unveiled at the Geneva Motor Show on 5th March 2013 and will be in showrooms from the autumn.

The all-new Nissan Note brings together the high-end technology usually found in premium, luxury models to the small car sector for the first time, setting new standards for affordability and continuing a proud tradition of revolutionising the various sectors that Nissan's vehicles come under – from the all-electric LEAF all the way to the mighty GT-R supercar.

The Nissan Safety Shield is made up of three advanced safety systems – Blind Spot Warning, Lane Departure Warning and Moving Object Detection – and, combined with Nissan's Around View Mirror, provides optimum protection not only for the car's occupants, but crucially for those outside of the car. With these systems working together, the Nissan Safety Shield can alert drivers to objects moving behind the car (for example, a child walking towards you when reversing); indicate when a vehicle is in the driver's blind spot so the driver can take avoiding action and can detect when a car is drifting out of its lane.

Etienne Henry, Vice-President for Nissan Strategy & Product Planning in Europe commented: "The all-new Note presented our engineers with a fascinating challenge, in that we wanted to incorporate a huge amount of advanced technology but keep costs reasonable. In developing the three Safety Shield elements to run from one camera we were able to keep manufacturing costs under tight control and make this technology package accessible to the small car segment for the first time."

Since the Safety Shield technologies depend on the rear camera, Nissan's engineers have developed a similarly ingenious way to keep it clean and functioning at all times. By constantly scanning the camera image for dirt, the system is operated by firing a small jet of water, drying the lens using a small jet of compressed air, meaning the system works at all speeds - a perfect example of the Note's in-built engineering innovation.

Complementing Safety Shield is Nissan's advanced Around View Monitor (AVM) – a system that makes reversing and parallel parking virtually stress-free. Using the rear camera and three other cameras positioned on the front grille and wing mirrors, the 5.8-inch dashboard mounted screen displays an image of the Note from above. This helps the driver to visually confirm the car's position in relation to the surrounding area – making parallel parking not only easier but safer.

Key features of the Nissan Safety Shield are:

- *Blind Spot Warning*
A feature once reserved for cars in the premium sector, this system uses the rear camera to detect vehicles in the hidden blind spot areas on both sides of the Note. If a vehicle is detected in either blind spot, a discreet warning light comes on in the glass of the Note's wing mirror. If the driver indicates to change lanes and the system detects a vehicle in the danger area, the light flashes and an audible warning is given.
- *Lane Departure Warning*
Another premium feature making its debut in the small car segment, the Lane Departure Warning system detects if the car is starting to drift out of lane. Again, the Note relies only on its rear camera and advanced computer programmes detect even faint road markings in all light conditions allowing the car to determine if it is drifting out of position without indicating. If it does, a warning is given to the driver to correct their road position. Cleverly, the system automatically adjusts its sensitivity when on rural roads to allow for the different required driving style.
- *Moving Object Detection*
Building on the capabilities of the Around View Monitor System, this new function effectively gives the driver a digital co-pilot to help them look at what might be approaching their reversing Note. While conventional parking aids warn the driver of an object in their path, Moving Object Detection gives an audible and visual alert if someone or something is moving behind the car, for example if a child is walking towards your reversing Note. Mounted on the tailgate and having a convex lens, the Safety Shield camera has a sweep of vision in excess of 180 degrees, giving it an unparalleled field of vision at the back of the car.

The Note also benefits from Nissan's enhanced Connect satellite navigation, Bluetooth and audio system. Using a new, larger 5.8-inch touch-screen display, the latest system includes Google 'Send to Car' navigation software allowing routes planned at home to be transferred directly to the car. Additional connected services include Google Points of Interest (POI), nearest fuel prices, plus flight and weather information.

Paul Willcox, Senior Vice President for Nissan Sales and Marketing in Europe concludes: "The new Note isn't just a direct replacement of the current Note, it's a completely different car with a completely different place in the market. Sitting at the heart of the B segment, the new Note takes on high volume competitors with great design and premium technology in an accessible package."

Production of the new Note will start in the summer, with first deliveries scheduled for autumn 2013 depending on specific markets.

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About NISSAN EUROPE

Nissan has one of the most comprehensive European presences of any overseas manufacturer, employing more than 16,000 staff across locally-based design, research & development, manufacturing, logistics and sales & marketing operations. Last year Nissan plants in the UK, Spain and Russia produced more than 695,000 vehicles including mini-MPVs, award-winning crossovers, SUVs and commercial vehicles. Nissan now offers 24 diverse and innovative products for sale in Europe today, and is positioned to become the number one Asian brand in Europe.

About Nissan

Nissan Motor Co., Ltd., Japan's second-largest automotive company, is headquartered in Yokohama, Japan, and is part of the Renault-Nissan Alliance. Operating with more than 248,000 employees globally, Nissan provided customers with more than 4.8 million vehicles in 2011, generating revenue of 9.4 trillion yen (\$US118.95 billion). With a strong commitment to developing exciting and innovative products for all, Nissan delivers a comprehensive range of 64 models under the Nissan and Infiniti brands. A pioneer in zero-emission mobility, Nissan made history with the introduction of the Nissan LEAF, the first affordable, mass-market, pure-electric vehicle and winner of numerous international

accolades, including the prestigious 2011-2012 Car of the Year Japan and 2011 World Car of the Year awards.

NOTES TO EDITORS

*Source: European Road Safety Observatory 2011

Safety Shield:

Moving Object Detection

- The Moving Object Detection (MOD) system can inform the driver of moving objects when driving out of garages, manoeuvring into parking lots and in other such instances.
- The MOD system detects moving objects by using image processing technology on the image shown in the display.
- When the shift selector is in the R (Reverse) position and the vehicle speed is approximately 5 mph (8 km/h) or less, the MOD system detects moving objects in the rear-view or rear-wide view.
- If the MOD system detects moving objects surrounding the vehicle, a yellow frame will be displayed on the camera image and a chime sounds.
- When the MOD system detects a moving object surrounding the vehicle, the yellow frame will be displayed on the view where the objects are detected and a chime will sound once. While the MOD system continues to detect moving objects, the yellow frame continues to be displayed

Blind Spot Warning

- The Blind Spot Warning (BSW) system helps alert the driver of other vehicles in adjacent lanes when changing lanes.
- The BSW system operates above approximately 20 mph (32 km/h).
- When the camera unit detects vehicles in the detection zone, the Blind spot indicator light located inside the outside mirrors will illuminate. If the turn signal is then activated, the system chimes (twice) and the Blind spot indicator light flashes to alert the driver.
- The Blind spot indicator light continues to flash until the detected vehicle(s) leave the detection zone.

Lane Departure Warning

- The LDW system operates above approximately 45 mph (70 km/h). When the vehicle approaches either the left or the right of the travelling lane, the LDW system will chime a sound and the LDW light (orange) on the instrument panel will blink to alert the driver
- The LDW system is not designed to operate under the following conditions:
 - When you operate the lane change signal and change travelling lanes in the direction of the signal. (The LDW system will become operable again approximately 2 seconds after the lane change signal is turned off.)
 - When the vehicle speed is less than approximately 45 mph (70 km/h).

Around View Monitor

- The Around View Monitor combines the feeds from small cameras mounted on the front grille, tailgate and both door mirrors to project an overhead 360° 'helicopter view' of the area around the vehicle onto the 5.8-inch dashboard mounted screen.
- The system switches on automatically when the car is placed in reverse or, while driving up to 10 km/h, by pressing the "camera" button on dashboard; then it switches off once the car has reached a set speed.