

# Product Benefits at a Glance:

## ACTIVE SUSPENSION CONTROL (iRC)

- Preset **Auto** damping modes (Comfort, Normal and Sport) immediately adjust to acceleration, cornering and vertical forces to give the driver the highest level of suspension performance. Each **Auto** damping mode can be customized beyond preset settings.
- Custom suspension settings can be saved and quickly activated as needed
- Custom suspension settings can be shared with friends
- Graphic output of the longitudinal and lateral acceleration on the smart phone
- Real-time damping adjustment
- Select the illumination setting of the Ridecontrol® button
- User-friendly design and functionality

## iRC COMPATIBLE WITH B16 RIDECONTROL® SYSTEM

- Easy retrofitting
- Lowering of approximately 30-50 mm front and rear
- Road-tested and fine-tuned by BILSTEIN ride engineers, under extreme motorsports conditions
- Surface treatment with Triple-C-Technology® for long-term corrosion resistance
- Quality sport springs with highly durable material
- BILSTEIN mono-tube upside-down technology made in Germany
- TÜV certified



Your suspension experts:



### ThyssenKrupp Bilstein

14102 Stowe Drive  
Poway, CA 92064  
☎ 1-800-537-1085  
☎ 1-858-386-5901  
[www.bilsteinus.com](http://www.bilsteinus.com)



# BILSTEIN B16 iRC Smartphone Adjustable Suspension System



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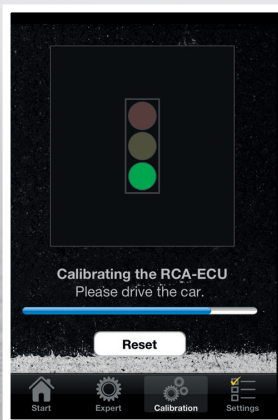
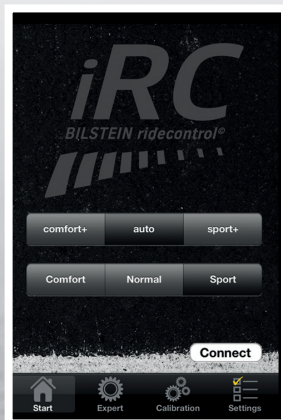




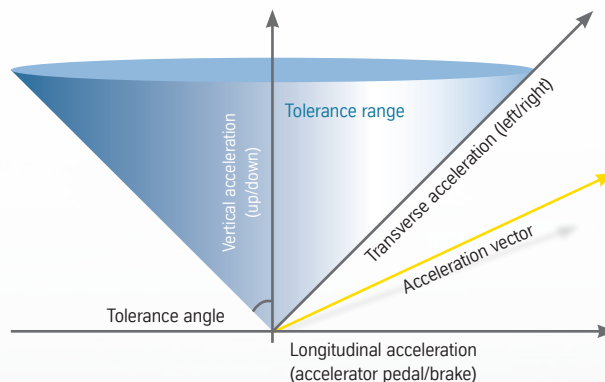
## SMARTPHONE ADJUSTABLE SUSPENSION

A convenient feature has been added to the famous BILSTEIN B16 Ridecontrol® suspension system - smartphone control. Instead of the familiar dashboard button, the damper adjustment can now be made by smartphone. The driver can switch between the basic **Comfort+** and **Sport+** modes. The **Comfort+** mode compensates for bumps in the road, harmoniously and smoothly, with the famous BILSTEIN precision. The **Sport+** mode offers superb vehicle dynamics and maximum performance reserves when driving to the limit.

In addition to two fixed modes from **Comfort+** and **Sport+**, this new system includes **Auto** mode in which three additional settings become available: *Comfort*, *Normal* and *Sport*. Each one can be custom tuned to the users individual demands.



## CUSTOMIZING IN AUTO MODE

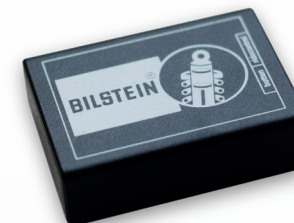


When set to **Auto** mode, the three-axis acceleration sensor reads the vehicle acceleration, cornering and vertical forces, and adjusts suspension damping in real time. This app includes a graphic display that illustrates longitudinal and lateral acceleration along with the ability to precisely adjust acceleration thresholds, switching times and filter parameters when creating custom settings.



The customer can adjust the sensitivity to vertical acceleration (up-and-down movement), horizontal acceleration (transverse acceleration to the left and right) and longitudinal acceleration (accelerating and braking) through their iRC application.

## TECHNOLOGY DRIVEN



The **Auto** mode chooses the right adjustment for the suspension, depending on the driving conditions detected by the sensors in the control unit. The sensitivity of the detector can be adjusted by programming the filter properties, tolerance angle, acceleration threshold values, and most importantly the switching times. Once perfectly tuned you can save your new custom profile. The user interface makes programming your custom adjustments easy and straightforward.

## PERSONAL ILLUMINATION

Now able to personalize the illumination setting of the Ridecontrol® dashboard button to reflect each of the three modes.



## SHARE SETTINGS

Custom settings can be created, saved and shared with friends using the highly functional and user-friendly design.

