

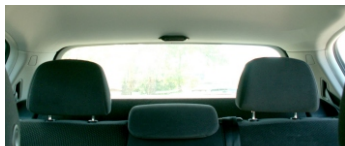
Safety parking with RS-4

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We are starting to see more and more car manufactures mounting reverse parking sensors; this includes the not so high end manufactures too. The aftermarket resellers are also offering a vast variety of reverse parking sensors and they all function similarly; however, not all of them are of the same caliber and detail. Furthermore it is the details that make the reverse parking sensors different from each other, and only the ones that actually help the drivers perform the driving maneuver safely are worth the time and money.

Strategic place

In what position does the driver control the distance between the car and object while in reverse? Please wait and think about it. Of course, the driver either turns the head and looks over the shoulder or looks through the mirror. In both situations, the driver's sight is towards the rear of the car. Until now where are just about all reverse parking sensor displays mounted?



The reverse parking display is mounted properly and aesthetically in the headliner just in front of the rear window in a straight view from the rear view mirror.

Exactly, just about all of them are displayed in front of the driver on the dash board or near the rear view mirror;

clearly where the display should not be installed.

As a result, these improperly mounted displays force the driver to change the driving style they are naturally use to. So instead of helping the driver, the system only disturbs the driver.

The installation of the display on the dashboard or near the rearview mirror is not only incorrect in terms of functionality, but also a blemish to aesthetics. The addition of each gadget diminishes the work of the designers, making the car into a Christmas tree. The reverse display is not a fashion statement, therefore it should discreetly blend in with the interior of the car. However, let us put the aesthetics as a second priority, since the most important objective that the reverse parking sensor delivers is practicality.



The display illustrates: orange - caution, and red - stop.

Well Thought Solution

I recently had an occasion to view a presentation of an aftermarket reverse parking sensor: RS-4, this is the only system that simulates the ones installed in Mercedes, Porsche Cayenne, Chrysler 300C and Cadillac. Bottom line: this system is a high caliber system from the top shelf, but still in reach of the everyday driver.

So why is this reverse parking sensor worth recommending to drivers and why is it referred to as third generation? This is because of the functionality of the system.

Logically, the less complicated something is

the better the system is, and that is what the RS-4 provides, since the display is mounted in the headliner in front of the rear window, in straight view from the driver whether looking over the shoulder or clearly visible from the rear view mirror. The installer must be very precise where the display is mounted in the headliner, since this very important. Also the RS-4 has the additional benefit that the display is not cluttered with hard to read numbers. The display instead illustrates bars with support from acoustic prompts.

Mr. Jerzy Pomianowski, a well known car expert and author of many books regarding car safety, states that a reverse parking system that is mount in direct view of the rear view mirror or the driver while in reverse is the most desired solution.

Additional Thrd Generation News

Another advantage of the third generation RS-4 is the asymmetric sensors. Most sensors have a field of view of only 90 degrees, while the RS-4 has a 160 degree view. This additional coverage has the great advantages especially in the event one sensor becomes faulty.



The reverse parking sensors are very small (only 21mm in diameter) and slim, which guarantees an aesthetic finish.

In the most systems if a



sensor goes bad, a blind spot results; however, the RS-4 processor automatically increases the remaining sensors range to compensate for the blind spot and the system remains 100 percent operable.

Another benefit of the RS-4 is the possibility to increase the field of view when there is a tow hitch or spare tire mounted on the rear bumper. This function is also useful for those car enthusiasts that tune or lower cars. In these situations, the field of vision simply needs to be adjusted. Increasing the field of view or regulating the acoustic sound is possible with a short visit to the dealer.

Tadeusz Golabek

This is the first reverse parking sensor with asymmetric safety zone. Thanks to the stronger signal middle sensors, the driver is not misinformed while making turns in reverse. As a result, the outside sensors do not falsely alarm the driver about far away objects, but rather real threats. (source: Moto-Express).