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DVD-Based Navigation Radio Debuts on Select Chrysler, Dodge and Jeep® Vehicles

RB1 Navigation Radio is among a family of navigation systems to debut on Chrysler Group vehicles

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If your sense of adventure leads you to a different city, local hot spot or favorite off-road site, Chrysler Group's new RB1 Navigation Radio can take you there quickly, safely and accurately no matter where you are headed in the United States. Coinciding with the introduction of the 2004 Chrysler Pacifica navigation system this past spring, the RB1 Navigation Radio is among a family of Chrysler Group navigation offerings to make its debut as both a Mopar® dealer-installed option and as a factory-installed option on select Chrysler, Dodge and Jeep® vehicles.

The RB1 Navigation Radio is offered as a Mopar dealer-installed option on the following Chrysler Group 2004 model year vehicles:

- Chrysler: PT Cruiser, 300M, Concorde, Sebring Sedan, Sebring Convertible, Pacifica, Town & Country
- Dodge: SRT4, Stratus Sedan, Intrepid, Caravan, Grand Caravan, Dakota, Ram, Viper
- Jeep: Liberty, Grand Cherokee.

The system is available as a factory-installed option on the 2004 Jeep Grand Cherokee and Chrysler 300M. Factory-installation cost varies from \$1,200 - \$1,595 based on equipment package and content. Pricing for the dealer-installed version of the RB1 Navigation Radio is \$1,595 (suggested retail price) plus labor.

"Whether you're planning a vacation route, looking for a restaurant to have dinner, or searching for the nearest ATM machine to pay for the dinner, the RB1 Navigation Radio is intuitive and easy to use," said Jack Withrow, Director – Vehicle Entertainment and Communications for the Chrysler Group. "With the use of global positioning satellites, the system effectively calculates the quickest and most accurate route. It also immediately redirects the vehicle should you veer off your path you may never have to stop and ask for directions again."

The RB1 Navigation Radio system is housed in the center of the vehicle dashboard, which allows for easy access for both the driver and passenger. The 4.2-inch full-color display features AM/FM stereo, CD player and navigation system in one unit.

Utilizing voice commands, the system guides the user through the drive route, mile by mile, turn-by-turn until the final destination is reached. Destinations can be entered into the system eight different ways and the screen can be viewed as a detailed map or enlarged to be viewed turn-by-turn. When coupled with SIRIUS Satellite Radio, the stream listing, stream category, song title, and artist can be viewed on the system's display screen.

Chrysler Group selected Alpine Electronics, a supplier of high-performance mobile electronics systems, to provide the navigation unit, GPS antenna, and map database information. The map database information is housed on a single DVD-ROM based on NAVTECH data.

This single DVD solution contains mapping, points of interest and business phone numbers across the U.S. (where digitized mapping data and information are available). The single DVD solution eliminates the need to handle and store multiple discs required in CD-based solutions. In addition, route calculations can be made quickly with Alpine's proprietary software algorithms which provide routing information within 10 seconds. This is crucial when a driver misses a turn and needs an immediate re-route.

The navigation system receives its GPS or global positioning system signals, from up to eight satellites to display the position and direction of the vehicle. A gyroscope and the vehicle's speed sensor enable the system to display the present vehicle position even in locations where a GPS signal may not be available. When a destination is entered, the navigation system uses data from the DVD to quickly calculate a route.

RB1 Navigation System Destination Features

Destinations may be selected from eight categories:

- Street Address: Locate address by Street Name, City Name and State.
- Point of Interest: Select a destination from a list of locations and public places which are grouped by category.
- Recent Route: Choose a destination from your 10 most recent route calculations.
- Phone Number: Use a business phone number to find the route to the location.
- Intersection: Input the names of two cross streets as your destination.
- Address Book: Stores up to 100 personal locations and phone numbers in the system's memory; recalls an address from the address book for use as a destination.
- Trip Itinerary: Enter up to 10 destinations to calculate the most efficient route.
- Map Cursor: Select a destination directly from the map screen, without the need to input the city name or street.

RB1 Navigation System Features

- Voice Guidance: Choose from four options: Maximum, Normal, Minimum or Off.
- Route Guidance: View the screen as a turn-by-turn map, full display map or a combination of both.
- Three Language Option: Select English, French or Spanish. Preferences are in miles or kilometers.
- Map Zoom: Decide from nine different zoom scales to increase or decrease map magnification.
- Four Routing Methods: Quickest Route, Minimize Toll Roads, Maximum Freeway and Minimize Freeway.
- Automatic Route Recalculation and Detour Functions: The system automatically recalculates the position and displays a new route should the user encounter a detour or stray from the directions indicated on the display monitor.
- Maneuver List: Review the trip itinerary prior to departure and make changes before heading out on the road.
- Trail Function: Obtain longitude, latitude and altitude readings.

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