



RAND
M McNALLY

RVND™ 7



User Manual

FCC Compliance Statement

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and may cause harmful interference to radio communications if not installed and used in accordance with the instructions. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet that is on a different circuit from the GPS unit.
- Consult the dealer or an experienced radio/TV technician for help.

When using the device, ensure that the antenna of the device is at least 20cm away from all persons.

IC Compliance Statement

This device complies with Part 15 of the FCC Rules and Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

1. This device may not cause interference, and
2. This device must accept any interference, including interference that may cause undesired operation of the device.

IC Caution

Intentional or unintentional changes or modifications to the equipment not expressly approved by Rand McNally could void the user's authority to operate the equipment.

IC attestation de conformité

Ce dispositif est conforme à la norme FCC Partie 15 et aux norme(s) RSS permis-exempte(s) d'Industrie Canada. L'opération est soumise aux deux conditions suivantes:

3. Ce dispositif ne peut pas provoquer d'interférence nocive et
4. Ce dispositif doit accepter toute interference reçue, y compris les interférences qui peuvent causer un mauvais fonctionnement du dispositif.

Attention

Les changements ou modifications à l'équipement, que ce soient intentionnelles ou non, non expressément approuvés par Rand McNally pourraient annuler l'autorisation de l'utilisateur à utiliser cet équipement.

IC: 10199A-01001A

About GPS

The Global Positioning System (GPS) is a constellation of satellites that a GPS receiver uses to calculate geographical positions. To determine a position, data from at least three satellites is required. To determine elevation, the data from four or more satellites is required. Accuracy of the positioning varies from 10 feet to several hundred feet, depending on vehicle placement and the surrounding environment.

Geographical terrain (such as mountains), man-made structures (such as highway overpasses, bridges, and tall buildings), as well as weather can interfere with the GPS signal. For best GPS reception, position the device and mount with a clear line of sight to the sky. Some vehicles may have a limited view of the sky due to metal sun shields or a metallized windshield coating.

Map data includes the geographical coordinates for address locations and points of interest (POIs). With GPS reception, your device calculates a route to your selected location.

Customer Support

Call toll-free:

800-333-0136

Service hours:

Monday through Friday, 7 a.m. to 6 p.m. CT
(Except official holidays)

E-mail:

RVNDSupport@randmcnally.com

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 Look for this icon for help tips on many screens.

Note: Some screens may appear different, depending on device model.

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Caution: Important Safety Information

Navigation

- Use this navigation device at your own risk.
- Use this navigation device only when it is safe to do so.
- Look at the display only when it is safe to do so.
- Traffic regulations always have priority over any instructions from the navigation system.
- Follow navigation system instructions only when local regulations and road traffic allow you do so.
- Make sure that the mount is securely mounted and properly adjusted before each trip.
- **Note:** If you do not understand the spoken instructions or are unsure of what to do next, refer to the navigation map on your navigation device.

Installation

- Make sure that the mount does not impair the driver's visibility.
- Do not attach the mount within the airbag deployment zone.
- When installing the mount, make sure that it does not pose a risk in the event of an accident.
- Do not run cables directly next to safety-relevant devices and power supplies.
- After installation, check all safety-relevant equipment.
- Connect the wall charger to a 120V or 240V outlet only.
- Connect the vehicle charger to a 12V outlet only.

Device

- Do not use sharp-edged objects on the device touch screen.
- The device is not waterproof and is not protected against water damage.
- Protect the device from extreme temperatures. Operating temperature for the device is between 32 degrees F and 120 degrees F.
- Do not open the navigation device casing.
- Do not attempt to replace the battery. Contact Rand McNally Customer Support with questions about the battery.
- Always follow local regulations when disposing of this device.

- **Note:** Make sure that there are no kinks in the cable and that it will not be damaged by any sharp objects.
- **Note:** Use only a moist cloth to clean the navigation device.
- **Note:** Do not pull the cable to unplug the unit.

What's Included

- Rand McNally RVND™ 7
- Windshield mount with suction cup
- Quick Start Guide
- Vehicle charger
- USB cable

Charge the Battery

It is recommended that the device is always connected to a power source during use.

Note: The vehicle may need to be on for the device to charge.

Install the Mount

Note: Follow all local regulations governing the placement of the mount.

1. Select an area with a line of sight to the sky and GPS satellites.
2. Clean and dry the mounting area.
3. Remove the suction cup protective film.
4. Adjust the angle of the mount using the thumbscrew.
5. Pull the suction cup lever up to release suction.
6. Plug the USB cord into the device and the vehicle's 12-volt power source.
7. Snap the device onto the mount.
8. Place and hold the mount suction cup against the mounting surface.
9. Press the suction cup lever down until it snaps into place.
10. Adjust the device so that it can be easily seen and does not block the driver's line of sight.



RVND™ 7



Your Device

1 Power Button

Press and hold to turn on or off. While the device is running, the power button can also be used for quick access to certain features with one quick tap.

2 Audio Output

Connect to optional external speaker.

3 SD Card Slot

For future use, as needed.

4 Mini-USB Port

Connect the charger or the USB cord.

5 Reset Button

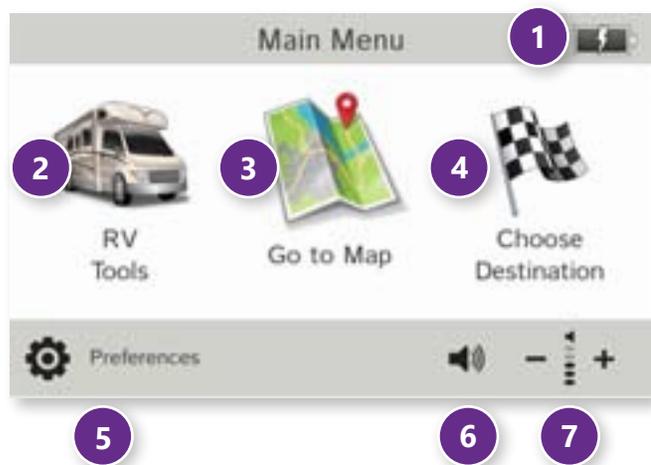
Use the reset button on the back of the device to restart. This will cancel the current route, but preferences, address book, and other personal data will be saved.

6 Speaker

Start Your Device

Each time you turn on your device, a new tip displays/ the Warning and Legal Consent window displays.

- Tap the check to continue, or tap **Don't Show Tips** to prevent these tips from showing again.
- To view a short tutorial on device use, tap **Tutorial**.
- Tap **Accept**, or if you turned the device off while on a route, tap **Accept and Continue Previous Route**.



Main Menu

- 1 **Battery Power Indicator**
- 2 **RV Tools**
Select to enter RV information, set warnings, and access other tools.
- 3 **Go To Map**
Tap to view location on the map.
- 4 **Choose Destination**
Tap to select an address or point of interest (POI).
- 5 **Preferences**
Tap to set general, route, or map options.
- 6 **Mute/Unmute the Speaker**
Tap to mute or unmute spoken instructions.
Note: You can also tap this icon when it appears on the map screen to mute/unmute.
- 7 **Volume**
Tap to increase or decrease spoken instructions volume.

1. Tap  and  to view the options.
2. Tap the option to be set.
3. Enter the new information.
4. Tap **Back**  to save changes.

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RV Tools Page

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Device Preferences Page

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Device Preferences Page

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| Map Style | 11 |
| POI Icons | 11 |
| Route Color | 11 |
| RV Icon | 11 |
| RV POI Icons | 11 |

| RV Info | Options |
|-------------------------------------|---|
| RV Type | <ul style="list-style-type: none"> Class A Class A w/Tag Axle Class B Class C Class C (Super) Fifth Wheel Hybrid Trailer Popup Trailer Toy Hauler Trailer Travel Trailer RV Camper |
| Routing Style | <ul style="list-style-type: none"> More Truck Like Between Truck and Car More Car Like |
| Bottles of Propane | Use the + and - buttons or enter a numeric value by tapping the calculator. |
| Size of Each Bottle | Use the + and - buttons or enter a numeric value by tapping the calculator. |
| Number of Trailers | <ul style="list-style-type: none"> 0 1 2 |
| Total Length (RV + Trailers) | Use the + and - buttons or enter a numeric value by tapping the calculator. |
| Weight | Use the + and - buttons or enter a numeric value by tapping the calculator. |
| Height | Use the + and - buttons or enter a numeric value by tapping the calculator. |

| RV Info | Options |
|------------------------|---|
| Width | Use the + and - buttons or enter a numeric value by tapping the calculator. |
| Number of Axles | Use the + and - buttons or enter a numeric value by tapping the calculator. |

| Warnings | Options |
|--|--|
| Warning/Alert Prompts | None Audio & Visual Visual Audio |
| Auto Dismiss Warnings | Never After 10 seconds After 30 seconds <i>Height and weight violations will not be auto dismissed.</i> |
| Warning Display Size | Full screen Small bar |
| Curve Warnings | Set warning distance to curves by using the + and - buttons. |
| Hill Warnings | Set warning distance to hills by using the + and - buttons. |
| Narrow Road Warnings | Set warning distance to narrow roads by using the + and - buttons. |
| State Border Alert | Set warning distance to state borders by using the + and - buttons. |
| State or Province Border/ Timezone Change Warning | Off On |

| Warnings | Options |
|-----------------------------------|---|
| Toll Booth Alert | Set warning distance to toll booths by using the + and - buttons. |
| Construction Area | Set warning distance to construction areas by using the + and - buttons. <i>Construction information is based on RoadWork™ data distributed through the Rand McNally Dock.</i> |
| Speed Limit Warning | Set the amount over the posted limit at which the warning appears. Set user-defined maximum speed to be warned whenever the vehicle exceeds that speed, regardless of posted speed limits. |
| Speed Limit Change Warning | Set warning distance to speed limit changes by using the + and - buttons. |

Note: To turn warnings off completely, tap the - button until "off" displays.

| General Preferences | Options |
|-------------------------------------|---|
| Skin Style - Day | Ice Carbon Classic |
| Skin Style - Night | Ice Carbon Classic |
| Vehicle Type | RV Car |
| | <i>Controls how routes are calculated.</i> Note: Some tools and settings may not be available in car mode. |
| Home Time Zone | Hawaii Alaska Pacific Time Arizona Mountain Time Central Time Eastern Time Indiana (East) Atlantic (Canada) Newfoundland |
| Day/Night Mode | Always day Always night Automatic |
| Day/Night Auto-Switch Offset | Use the arrows to select the number of minutes. |

| General Preferences | Options |
|---------------------------------|--|
| Brightness | Set separately for day and night modes. |
| My Custom POIs | Tap Manage Custom POIs to specify how custom POIs are displayed on the map: set image, warning distance, warning type, and street/city/state level map display. Tap the "x" to delete any set of POIs. |
| Toll Prompt/Notification | Enabled Disabled |
| | <i>Set whether or not you want to be asked about tolls when you calculate a route.</i> |
| Screen Click | Click off Click on |
| Tutorial | View on-device tutorial |
| Keyboard | ABC Computer (QWERTY) |
| Voice Name | Samantha Tom (English only) Claudia (No street names) |
| Language | English Español Français |
| | <i>For the screen and spoken instructions.</i> |
| Units | U.S. Standard Metric Auto Select |

| General Preferences | Options |
|-------------------------------|---|
| Clock Setting | 12-hour clock 24-hour clock |
| Screen Snapshot Button | Off On |
| Shortcut Button | Main Menu Go to Map <i>Set the shortcut that appears in the bottom right corner of the screen.</i> |
| Quick Power Press | POI along route Screen snapshot Main Menu Show map Toggle mute Save current location Tell Rand <i>The power button can also give you access to these screens at any time with one quick tap.</i> |
| Align screen | Calibrate the touch screen. Note: <i>Select this option if your device seems to have buttons that are hard to tap.</i> |
| GPS Status | Tap to show details about your location. |
| About | Tap to show version information and copyrights. |

Route Preferences Options

Note: The default settings for your device are already optimized for RV routing. Use the options below to fine-tune these settings. A route may still include a roadway or maneuver set to Avoid if the only legal route found contains these types of roads or the route is over several hundred miles.

Recalculation
 Increase ETA more
 Increase ETA some
 ETA OK
 Decrease ETA some
 Decrease ETA more

Recalculation
 Manual recalculate
 Auto recalculate

Route
 Fastest route
 Shortest route

Freeways
 Allow all (default)
 Avoid freeways
 Prefer freeways
 Avoid small roads

Tollways
 Allow tollways
 Avoid tollways

U-Turns
 Allow u-turns
 Avoid u-turns

Ferries
 Allow ferries
 Avoid ferries

Cross-Country Borders
 Allow crossing borders
 Avoid crossing borders

Dirt Roads
 Allow dirt roads

Route Preferences Options

Avoid dirt roads

Tunnels
 Allow tunnels
 Avoid tunnels

Manage Avoid List
 Roads
 States/Provinces
 AREAS
 Routes

To avoid a state or province, select it from this list. Tap on the map and select a road, area, or route to add it to the Avoid List.

Fast Recalc
 Off
 On
Calculates a route to a midpoint between your location and the destination. Useful on long routes with frequent intersections.

Turn Announcements
 Set three distances at which you want to be warned about an upcoming turn. The first announcement will be the farthest from the turn and the third the closest to it.

Turn View Distance
 Set the distance before the maneuver at which the local street turn view screen appears. (**Note:** In 3D map view, this warning is not needed and will be turned off.)

Junction View Distance
 Set the distance before the maneuver at which the highway junction view screen appears.

| Map Preferences | Options |
|----------------------|---|
| Map View | Heading Up North Up 3D View |
| Map Style | Light Dark |
| Map Auto Zoom | Off On, auto scale On, street scale On, city scale On, state scale <i>Set to auto scale to keep the current vehicle position and the next turn in the map view at all times. Set to street/city/state scale to specify the maximum scale of the zoom.</i> Note: Map redraw speed is impacted by autozoom, especially when combined with 3D map display option. |
| POI Icons | Off On <i>Select icons to display on the map.</i> <i>Select restaurants, banks, and consumer POIs ("Other" category) to display on the map.</i> |
| RV POI Icons | Off On <i>Select parks, campgrounds, pet-friendly locations, and other RV POIs to display on the map.</i> |

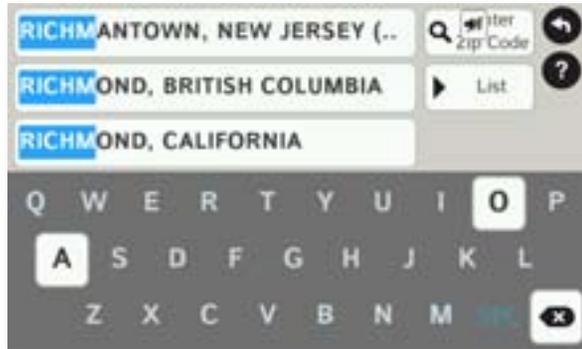
| Map Preferences | Options |
|---------------------------|--|
| Address Book Icons | Off On <i>Address book entries appear as pushpin icons unless they are assigned to a group. Grouped entries appear as folders.</i> |
| RV Icon | Use the arrows to select different icons to display when using the RV setting. Use the slider to change the color. |
| Car | Use the arrows to select different icons to display when using the car setting. Use the slider to change the color. |
| Route Color | Use the slider to select. |



Destinations

To access this window from the Main Menu, tap **Choose Destination**.

- 1 **Back**
Tap to return to the Main Menu.
- 2 **New Location**
Tap to route to a new location by address, city center, intersection, or latitude/longitude.
- 3 **History**
Tap to route to a recently entered location.
- 4 **Address Book**
Tap to view a list of saved locations.
- 5 **Multi-Stop Trips**
Tap to view a list of saved multi-stop trips or to create a new one.
- 6 **Points of Interest/POIs**
Tap to search for a point of interest (POI) such as a gas station, restaurant, etc.
- 7 **Rand McNally Trips**
Tap to view Rand McNally Trip content.



Tap to view a longer list of names matching the typed characters.



Tap to view a list of previously selected locations.



Add a space.



Delete last character and move back one space.



Use lowercase letters.



Type an apostrophe, hyphen, or other symbol.

Helpful Tips on Entering Addresses

Auto-Complete Feature:

Enter the first few characters in a name and a short list displays a couple of names that start with the typed characters.

On the keyboard, the only keys available are for the next valid characters in a search name.

Continue entering characters until the searched-for name displays in the list. Tap on the name to select it.

Cities:

Some cities with common names such as "Athens" have several types of names associated with a city.

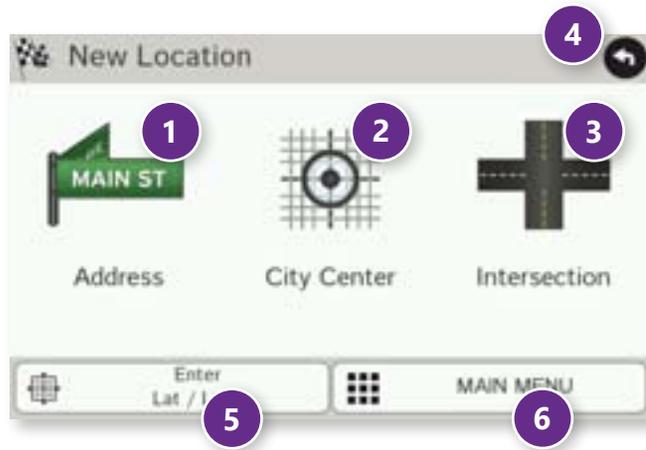
If a name does not display, continue typing characters until the name you are looking for displays in the list.

Streets:

If the next letter in the street name can not be selected on the keyboard, tap **Expand Search** to search a greater area.

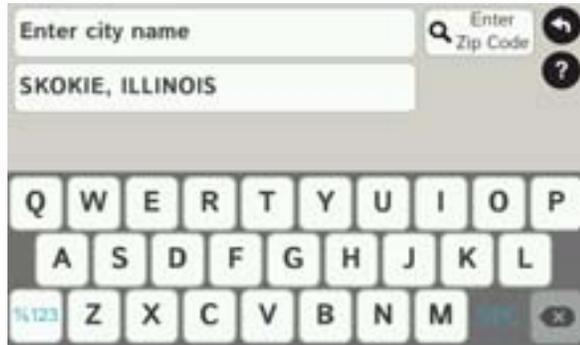
The **Expand Search** button can also help locate addresses that may actually be in a different town, spelled slightly differently, or in a neighboring town.

Note: If you're entering a State or County Route, it's typically best to first either enter the State or County initials (for example, State Road 535 would be entered as "SR") but you may also need to try other options, such as "State Road" or "CA" for California, for example.



New Location

- 1 Address**
Tap to route to an address by entering the city, street, and number, or by entering the zip code and street.
- 2 City Center**
Tap to route to a city center.
- 3 Intersection**
Tap to route to two intersecting roads in a city.
- 4 Back**
Tap to return to the previous window.
- 5 Enter Lat/Long**
Tap to route to a location by latitude and longitude.
- 6 Main Menu**
Tap to return to the Main Menu.



Search for an Address

1. Tap **Choose Destination > New Location > Address**.
2. Type the first few characters in the city name. As you type, a short list of matching city names displays.
3. Tap on a city to select it.
 - If the city is not displayed on the short name list, continue typing characters in the city name or tap **List** to display a long list of city names. Use the up and down arrows to view all cities/states. Tap on a city to select it.

Note: If a city name appears twice within a state, you may need to check both for your specific address.

4. Or tap **Zip Code Search**. Type the zip code.
5. Type the first few characters in the street name, or if the next characters of the street name cannot be selected on the keyboard, tap **Expand Search** and search a wider area.
6. Tap on the street name from the displayed list.
7. Tap the house number or tap **List** to show a list of address ranges and select a range.

Note: To enter the **House Number** before the street, tap this button in step 5. This preference will be saved for subsequent address entry.

8. Tap on the street number range from the list. The **Confirmation Window** displays.
9. Tap **Begin New Route** to navigate to the location.

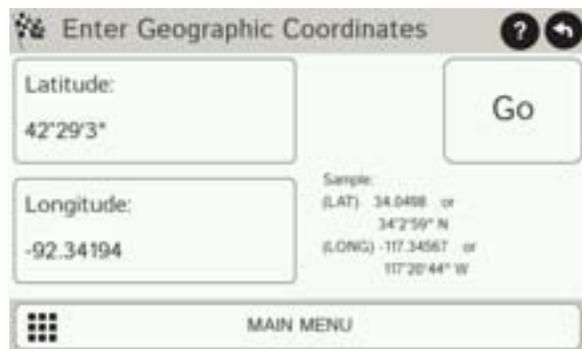


Route to a City Center

1. Tap **Choose Destination > New Location > City Center**.
2. Type the first few characters in the city name.
3. Tap on the city/state name.
The **Confirmation Window** displays.
4. Tap **Begin New Route** to navigate to the location.

Route to an Intersection

5. Tap **Choose Destination > New Location > Intersection**.
6. Type the first few characters in the city name.
7. Tap on the city name.
8. Type the first few characters in the primary street name, or if the next characters of the street name cannot be selected on the keyboard, tap **Expand Search** and search a wider area.
9. Tap on the street name in the list.
10. Type the first few characters in the intersecting street name.
11. Tap on the intersecting street name.
The **Confirmation Window** displays.
12. Tap **Begin New Route** to navigate to the location.



Route by Latitude/Longitude

1. Tap **Choose Destination** > **New Location** > **Enter Lat/Long**
2. Tap in the **Latitude** field.
3. Enter the latitude of the location and tap **Enter**.
4. Tap in the **Longitude** field.
5. Enter the longitude of the location and tap **Enter**.
6. Tap **Go**. The **Confirmation Window** displays.
7. Tap **Begin New Route** to navigate to the location.

Note: There are two ways to enter latitude/longitude: by decimal degrees or by degrees, minutes, and seconds.



Address Book

Add Locations to the Address Book from the **Confirmation Window**:

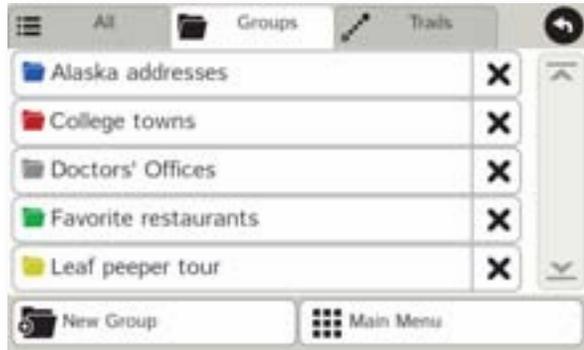
1. Tap **Save to Address Book**.
2. Tap **Yes** to accept the default name or tap **No** to display a keyboard.
3. Type the name of the location and tap **Enter** to save the location in the Address Book. The Confirmation Window re-displays.

Entries

- Tap **Choose Destination > Address Book**. Entries are alphabetically sorted by **Name**.
- To sort by **Distance** or **Date**, tap **Sort By**.
- Use the up and down arrows to scroll through the list or use the alphabet buttons on the left.
- Tap the **Search** field to search the Address Book by keyword.
- The notepad icon indicates a note has been added for this location.

Route to an Address Book Location

1. Tap **Choose Destination > Address Book**.
 - Tap on the **All Addresses** tab or
 - Tap on the **Groups** tab.
2. Tap on an address to select it. The **Confirmation Window** displays.
3. Tap **Begin New Route** to navigate to the location.



Create a Group

1. Tap **Choose Destination > Address Book**.
2. Tap on the **Groups** tab.
3. Tap **New Group**.
4. Type the group name.
5. To select a different color folder, tap .
6. Tap on a color, then tap **Close**.
7. When finished, tap **Enter**.

Tap on the **X** next to a group to delete the group. Addresses will still be saved in the Address Book.

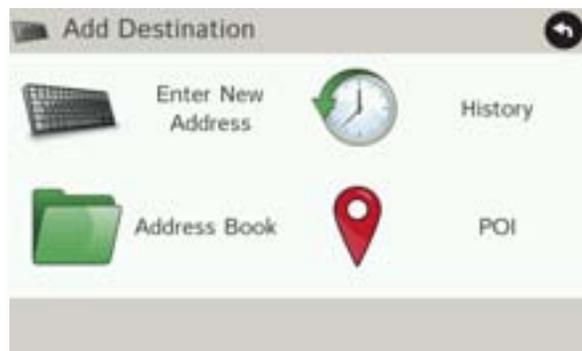
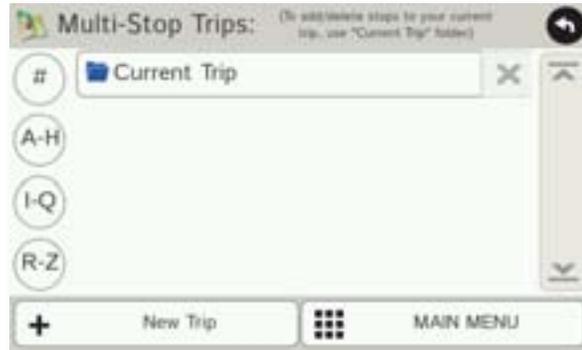
Note: You can also choose to display address book icons on the map.

Add an Address to a Group

1. Tap **Choose Destination > Address Book**.
2. Tap the **Groups** tab.
3. Tap on the group you want to add an address to.
4. Tap **New Location**.
5. Tap **Enter New Address, History, Address Book, or POI**.
6. If you selected:
 - **History, Saved, or POI**, the selected location is added to the group.
 - Enter a New Address, tap **Yes** to accept the default name or tap **No** to display a keyboard and enter a new name.

Remove an Address From a Group

1. Tap **Choose Destination > Address Book**.
2. Tap on the **Group** tab.
3. Tap on the Group you want to remove the address from.
4. Tap on the **X** next to the address to be removed.
5. Tap **Yes**.



Create a Multi-Stop Trip

1. Tap **Choose Destination > Multi-Stop Trips**.
2. Tap **New Trip**.
3. Type the trip name.
4. To select a different color folder, tap .
5. Tap on a color, then tap **Close**.
6. When finished, tap **Enter**.

Note: A multi-stop trip can include up to 50 stops.

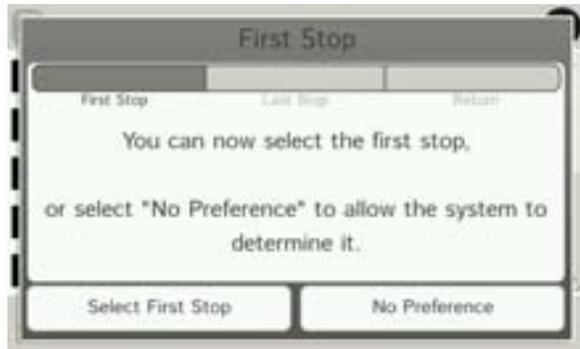
Add a Stop

Note: You can add locations in the order you want to route to them or reorder stops later.

1. Tap **Choose Destination > Multi-Stop Trips**.
2. Tap on the route.
3. Tap **Add Address**.
4. To add an address, tap **Enter New Address, History, Address Book, or POI**.
5. A Confirmation Window asks if you want to add another stop. Tap:
 - **Yes** to add another stop
 - **No** if the route is complete.
6. Tap **Back** to save changes.

Remove a Stop

1. Tap **Choose Destination > Multi-Stop Trips**.
2. Tap on the route.
3. Tap on the **X** next to the stop to be removed.
4. Tap **Yes**.



Reorder Routes

Optimize Automatically

After all locations have been added to a multi-stop trip, you can run the optimizer wizard to organize your trip.

1. Tap **Choose Destination > Multi-Stop Trips**.
2. Tap on the route you want to optimize.
3. Tap **Reorder Trip**.
4. Tap **Automatic/Optimize**.
5. Tap **Select First Stop** and select the first stop, or **No Preference**.
6. Tap **Select Last Stop** and select the last stop, or **No Preference**.
7. Tap **Yes** to return to your current location to complete the route or **No** to complete the route at the last stop.
8. Tap **Start Trip** to begin the route.

Note: There is a limit of ten stops that can be optimized automatically.

Reorder a Route Manually

1. Tap **Choose Destination > Multi-Stop Trips**.
2. Tap on the route you want to optimize.
3. Tap **Reorder Trip**.
4. Tap **Manual**.
5. Tap on the stop to be moved and tap the arrows to move stops up or down.
6. When finished, tap **OK**.
7. Tap **Start Trip** to begin the route.



Select and Run a Saved Route

1. Tap **Choose Destination > Multi-Stop Trips**.
2. Tap on the route to select it.
3. Tap **Start Trip**. The **Confirmation Window** displays.
4. Tap **Begin New Route** to navigate to the location.
5. The device calculates the route to your first stop. When you have reached the stop, a message displays.
6. Tap:
 - **Next Stop** - To calculate a route to the next stop in the route.
 - **Skip Next Stop** - To skip the next stop and calculate a route to the stop after the next one.
 - **End Current Trip** - To end the route at the current stop.

Note: To view your entire trip, select **Summary Map View** from the **Route Display Options**.

Delete a Route

1. Tap **Choose Destination > Multi-Stop Trips**. The Multi-Stop Trips window displays.
2. Tap on the **X** next to the route to be deleted.
3. A confirmation message displays.
4. Tap:
 - **Yes** to delete the route.
 - **No** to keep the route.



Tap on the Map

When you tap on the map screen, the crosshairs  display.

1 Add as Via

Add a via—an interim stop between the origin and the destination.

2 Avoid

Tap to avoid the route, road, or area, or to detour.

3 Set Origin

Set the location as the starting point of the route.

4 Route to Here

Tap **Begin New Route** to navigate to the location.

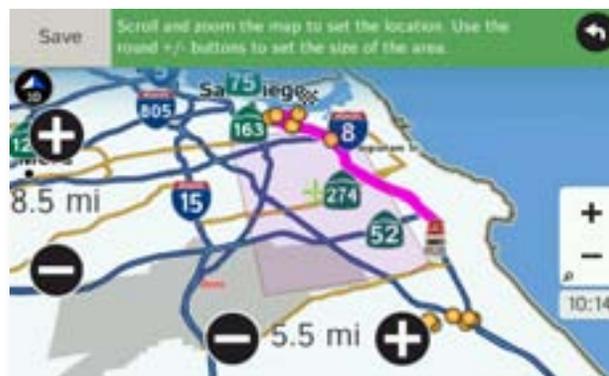
Avoid Options



Avoid Route



Avoid Area



Avoid List

From the map, set specific locations to avoid. Tap on the map and select **Permanent Avoid**. Choose **Avoid Route**, **Avoid Road**, or **Avoid Area**. Or, if the location is along an active route, choose **Detour**.

Avoid Route

Choose whether to avoid an upcoming distance on an active route, in the left column, or a specific road section, in the right column. Or, select **Avoid Entire Route**. The route is recalculated and the avoided sections are added to the Avoid List, under **Routes**.

Avoid Road

Add the selected road segment to the Avoid List, under **Roads**. (**Note:** Reposition the map after zooming in or out to be sure to select the right location.) Road segments that have been permanently avoided are shown in pink on the map when zoomed in. Tap on a segment and tap **Remove Avoid** to remove the segment from the Avoid List.

Detour

Detour around a road segment on an active route. The route is recalculated, but the road segment is only avoided temporarily and does not appear on the Avoid List. To cancel the detour, tap the icon in the lower left-hand corner of the map screen and select **Detour**.

Avoid Area

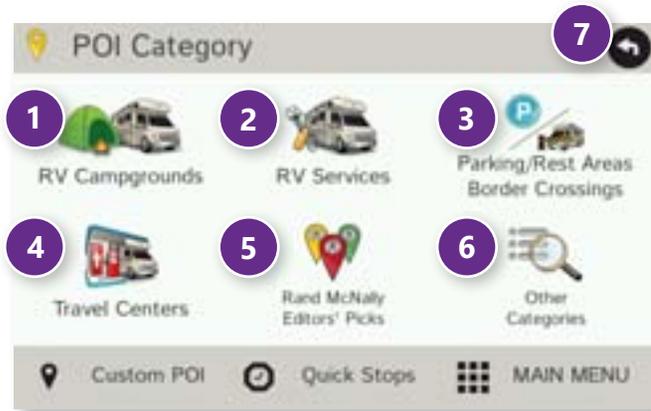
Set an area on the map to avoid. Increase/decrease the size of the area using the **+** and **-** buttons. Tap **Save** to add the area to the Avoid List, under **Areas**. Enter a name for the area. If an active route has been entered, the route does not recalculate. Avoided areas are shown on the map in pink.

To remove items from the Avoid List, tap **Manage Avoid List** in **Preferences > Route**. Tap the **X** to remove. Tap **Roads** in the Avoid List to view avoided roads on the map. You may need to re-enter your destination to recalculate an active route.



Points of Interest (POIs)

- 1 **My RV/Near Car**
Tap to search for a point of interest near the current vehicle location.
- 2 **City**
Tap to search for a point of interest in a city.
- 3 **My Route**
Tap to search for a point of interest along the vehicle route.
- 4 **Destination**
Tap to search for a point of interest near the route destination.
- 5 **Back**
Tap to return to the previous window.
- 6 **Custom POI**
Tap to select a custom POI location.
- 7 **Quick Stops**
Tap to find a travel center near the current RV location.
- 8 **Main Menu**
Tap to return to the Main Menu.



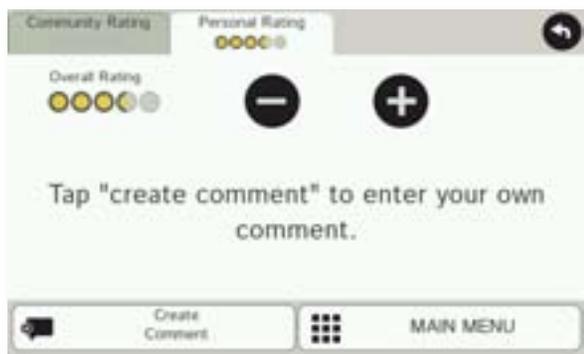
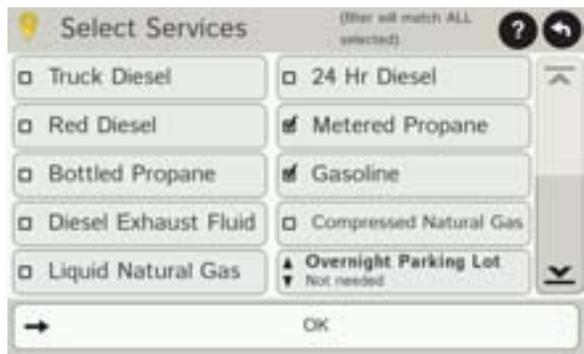
Points of Interest (POIs)

- 1 RV Campgrounds**
Tap to search for RV campgrounds.
- 2 RV Services**
Tap to search for an RV services POI.
- 3 Parking/Rest Areas and Border Crossings**
Tap to search for RV parking at rest stops and Walmart locations, and near border crossings.
- 4 Travel Centers**
Tap to search for a travel center.
- 5 Rand McNally Editor's Picks**
Tap to search for national parks, festivals, and other places to visit.
- 6 Other Categories**
Tap to select from a wide range of restaurants, shopping, and other POIs.
- 7 Back**
Return to previous window.



Other Categories

1. Tap **Choose Destination > Points of Interest**.
2. Select a search type (**My RV/My Car, City, My Route, or Destination**).
3. Tap **Other Categories**.
4. Tap on a category (for example, **Hospital/Emergency**). Or use the **Search** bar to search by name.
5. If necessary, tap on a subcategory type (for example, **Pharmacy**).
6. Tap on a location from the list.
or
7. Tap **All**.
8. Tap on the **Spell** button to display the keyboard.
9. Type the first characters in the POI name.
10. Tap on the POI name in the displayed list.



Select and Filter Commercial Campgrounds and Travel Centers

To select only locations with amenities that you are interested in, filter your search results.

1. Tap **Choose Destination > Points of Interest**.
2. Select a search type (**My RV/My Car, City, My Route, or Destination**).
3. Tap **Travel Centers**.
4. Tap **Select Services**.
5. Click on the check box of each amenity to be included in the search.
6. Tap **OK**.
The window displays POI locations with your selected amenities.
7. Tap on a location from the list.
8. A check next to Filter indicates the search terms have been applied. Tap **Filter** to return to general search results.

Rate a Point of Interest

You can rate campgrounds and other POIs from the **Confirmation Window**.

For each POI, the top row of circles indicates the community rating from fellow drivers for the point of interest. The bottom row indicates your individual rating.

1. Tap on the **POI Ratings** button.
2. Use **—** and **+** to rate the facility.
3. Tap **Create Comment** and type a personal comment on the facility.
4. Tap **Enter** to save the comment.
5. Tap **Back** to save changes.

Note: You can share ratings with fellow RVers through Rand McNally Dock software for your Mac or PC.

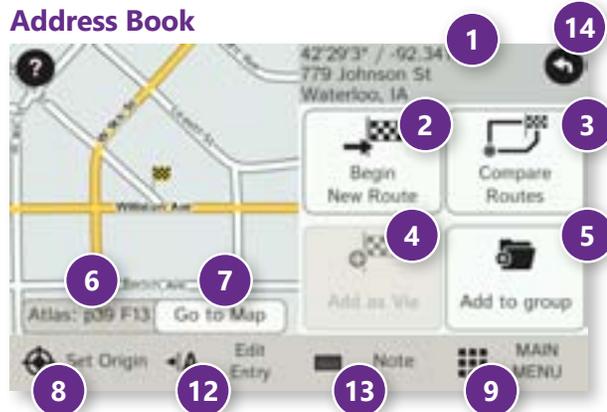
New Location



Campground POI

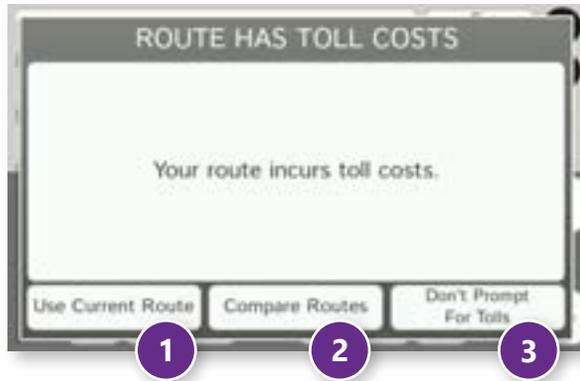


Address Book



Confirmation Windows

- 1 Destination Address**
The selected location address.
- 2 Begin New Route**
Tap to route to destination.
- 3 Compare Routes**
Tap to choose between two routes.
- 4 Add as Via**
Add this location as an interim stop between the origin and destination. This automatically makes the current route a multi-stop trip.
- 5 Save to Address Book**
Add the location to the Address Book or add to Address Book group.
- 6 Atlas**
Cross-reference to printed Rand McNally *Road Atlas* and *Motor Carriers' Road Atlas*. (Page numbers apply to the most recent atlas.)
- 7 Go to Map**
Tap to view this location on a map.
- 8 Set Origin**
Tap to set the location as the starting point of a route.
- 9 Menu**
Tap to return to the Main Menu.
- 10 POI Rating**
Tap to rate or add a comment to this location, or view community ratings.
- 11 Details**
Tap to view detailed campground ratings and amenities.
- 12 Edit Entry**
Rename or edit this entry in the Address Book.
- 13 Note**
Add a note about this location in the Address Book.
- 14 Back**
Tap to return to previous window.



Toll Costs

From the destination confirmation screen, tap **Begin New Route**. If the calculated route includes tolls, a message appears.

- 1 Use Current Route**
Show estimated toll costs and continue along the calculated route.
- 2 Compare Routes**
Compare the calculated toll route to an alternate route without tolls. (See below.)
- 3 Don't Prompt for Tolls**
Use the current route and disable this prompt for subsequent route calculations.
Note: You can re-enable this prompt in **Preferences > General**.

Route Compare

- From the destination confirmation window, tap **Compare Routes** to calculate and display two routes and choose between them.
- Choose to ignore tolls and calculate two routes based solely on route preferences, or to calculate a primary route (which may include tolls) and an alternate route without tolls.
- The top of the screen displays the total distance and time for each route, as well as any estimated toll costs. Zoom in to get a closer look at each route on the map.
- Tap either button at the top of the screen to select that route. If the route includes tolls, estimated toll cost will display.

Route Map Window



- 1 Next Maneuver**
Tap to repeat spoken next maneuver instructions.
- 2 Road Name**
Name of street you will turn onto next.
- 3 Miles/Time**
Displays remaining distance. Tap to select from: home arrival time, arrival time, remaining time, home time, and elevation.
- 4 Exits Quick View**
Slide out to show upcoming exit information.
- 5 Directions Slide-Out List**
Tap to select a route display option.
- 6 Zoom In/Zoom Out**
- 7 Main Menu**
- 8 Compass Direction**
Tap to change the map display. An icon in the upper right corner displays the selected option: North up (N), heading up (arrow), or 3D (3). Also displays Wi-Fi status.

- 9 Current Mile Marker**
Tap to open a "Tell Rand" message.
- 10 Current Information**
View current information by city, street, or upcoming intersection. Also displays advanced lane guidance and weather overlay key, when enabled. Tap to change. (**Note:** For some destinations, the "Am I close?" feature counts down addresses as the vehicle approaches.)

City, county, and state

Lincolntonville, Town Of, Waldo, ME

Current street name

Atlantic Hwy / US-1

Next intersecting street name

Sunrise Pt

Advanced Lane Guidance



- 11 Location and Route Options**
Tap to see current location information, change route settings, detour, cancel a route, and manage avoided roads.
- 12 Current Speed**
Tap to display the Virtual Dashboard. Turns red for speed warnings.
- 13 Speed Limit**
Tap to open a "Tell Rand" message about speed limits.
- 14 Map View Tab**
Tap to simplify the map screen. Icons are minimized to show simply the zoom, next maneuver, and miles/time.
- 15 Traffic**
Tap to view the Traffic window.
- 16 Mute**

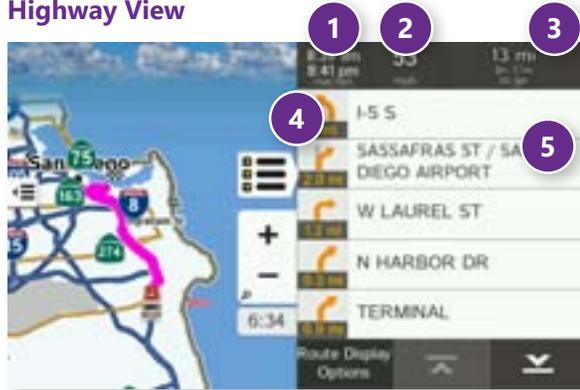


Exits Quick View

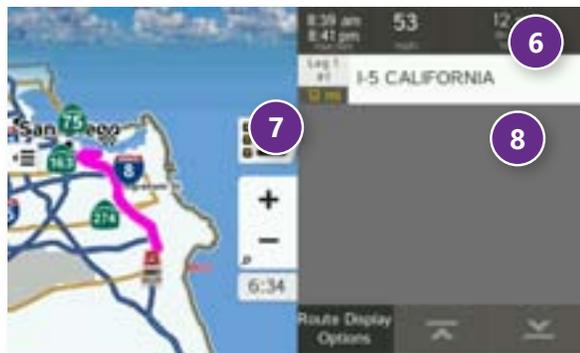
Slide out to show Points of Interest and amenities at upcoming exits. The list displays the distance to the next exit, exit name and number, and a count of available amenities.

1. Tap on an exit to bring up the notes icon .
2. Tap the icon to display local amenities by category.
3. Tap on any item in the list to route to that location.

Highway View



Trip Summary (for multi-stop trips)



Summary Map View (entire trip)



Directions Slide-Out List

Route Display Options

1. When first opened, the slide-out list displays in Detail View, showing each maneuver.
2. Use  and  to view the instructions.
3. To change the display option, tap **Route Display Options**. See Highway View, Trip Summary, and Summary Map View at left.

1 Rise/Set

Displays the times of sunrise and sunset for your current location.

2 MPH

Displays the current vehicle speed, in miles per hour.

3 Distance, Time

Displays remaining distance and time.

4 Distance

Displays the distance to the next maneuver and the type of maneuver.

5 Street/Road Name

Displays the street name you will be on after performing the next maneuver. Tap on any item in the list to view it on the map and to detour around it if necessary. (**Note:** For multi-stop trips, highways in each leg are listed, color-coded by segment.)

6 Total Distance and Time

Total distance and time for the entire trip.

7 Leg

Number of the leg and distance.

8 Leg Destination

Leg destination.



Tap here



Virtual Dashboard

To show the Virtual Dashboard, tap the **Current Speed**.

- 1 Current speed.
Note: Turns red when speed limit warning exceeded.
- 2 Sunrise and sunset times based on vehicle location (latitude/longitude) and day.
- 3 Elevation at current location.
- 4 Percentage of current trip completed, distance to next maneuver, and the number of miles and time spent on the trip to this point.
- 5 Vehicle odometer. Tap the pencil to reset.
- 6 Gather trip information for up to three trips. Includes odometer settings, hours, and speeds.
- 7 Reset trip information for the selected trip (**Tab 1**, **Tab 2** or **Tab 3**).
- 8 Select to automatically reset the information in each tab after the vehicle has remained stationary for the specified number of hours.
- 9 View fuel logs and add fuel purchase information.
- 10 Return to the **Route Map Window**.



Manually Reset Trip Information

1. Tap on the tab you want to reset.
2. To set the odometer for the selected tab back to zero, tap **Reset All**.
3. Information is captured as you travel the route.

Automatically Reset Trip Information

To reset trip information after the vehicle has remained stationary after a specific number of hours:

1. Tap on the tab you want to reset.
2. Tap **Auto Reset**.
3. Tap **+** to increase the number of hours.
4. Tap **-** to decrease the number of hours.
5. To save changes, tap **Change**.
6. The Tab displays the auto reset number of hours.



Junction View

When on a route, Junction View displays when you have an upcoming highway maneuver. Set distance in **Preferences > Route**. Once past the maneuver, Junction View closes and the previous window displays.

- 1 Signs to follow for the next maneuver.
- 2 Number and direction of lanes for the next maneuver.
- 3 Distance to the upcoming maneuver. Distance decreases as you approach the ramp.
- 4 Lane assist arrow.
- 5 Mute the speaker.
- 6 Return to previous window.



Turn View

Displays for upcoming turns. Set distance in **Preferences > Route**.



Location and Route Options

- 1 Nearest cross street
- 2 Current road you're on, current town you're in
- 3 Latitude and longitude at current location
- 4 Current location by mile marker
- 5 Return to previous window
- 6 Detour

Around Part of the Route

1. On the left side of the window, tap the number of miles on the route to be avoided.
2. The route is recalculated.

Around a Specific Roadway

1. On the right side of the window, tap  and  to view a list of roads in the current route.
2. Tap on one or more roadways to be avoided. A check mark appears in front of each selected road.
3. Tap **Detour** to recalculate the route.

Note: Tap **Cancel Detour** to remove detours.

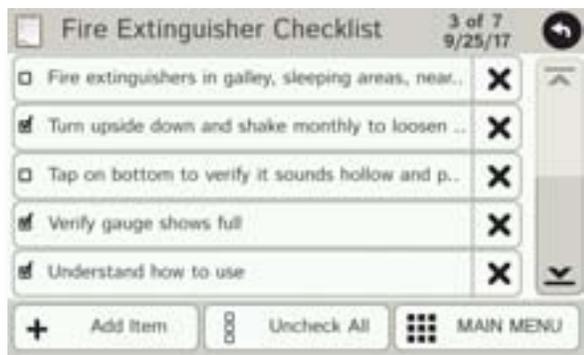
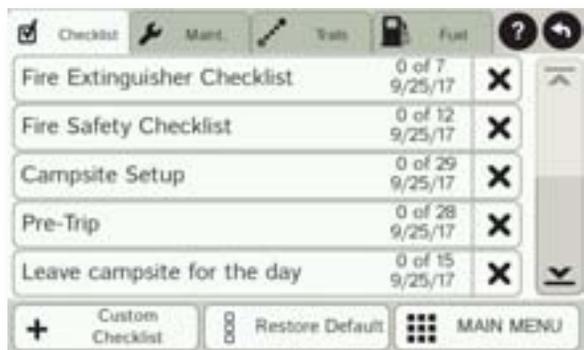
- 7 Detour the entire route and add it to the avoid list
- 8 Skip to next stop (for multi-stop trips)
- 9 Cancel current route
- 10 Save current location to the Address Book
- 11 Access list of avoided roads
- 12 Access Route Preferences



RV Tools

Note: Some features are not available in Car Mode.

- 1 Back**
Return to the Main Menu.
- 2 RV Info**
Enter RV information (weight, length, etc.).
- 3 Checklists, Maintenance, Trails, and Fuel**
View pre-trip and other checklists; maintenance notes; trails; and fuel purchase information.
- 4 Warnings**
Set warnings for hills, speed limits, and more.
- 5 Quick Planner**
Estimate the distance, driving time, and cost between any two cities or towns.
- 6 Road Atlas Information**
View emergency contact and other information.
- 7 Tell Rand**
Compose a message to send to Rand McNally when you connect to the Dock.
- 8 Converter**
Quickly convert distance, weight, and temperature.
- 9 Calculator**



Checklists

1. Tap **RV Tools**.
2. Tap **Checklists, Maintenance, Trails, Fuel**.
3. Tap the **Checklists** tab.

To complete a preset checklist:

4. Tap on a checklist to select it.
5. Tap the box next to each task to check it off the list.

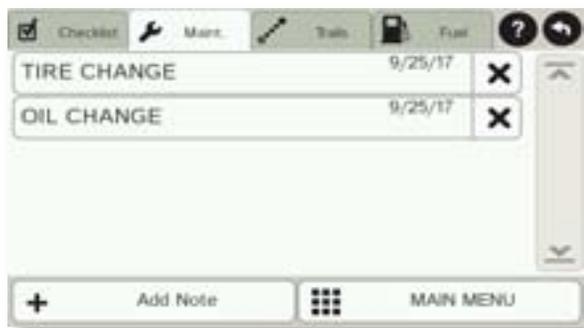
Or

To add a new checklist:

4. Tap **Custom Checklist**.
5. Enter the name of the new checklist.
6. Select the new checklist from the list.
7. Tap **Add Item** to add tasks.
8. Tap the box next to each task to check it off the list.
9. Tap Back to save changes.
10. If you have not checked off all the tasks, a warning displays. Tap **Cancel** to continue completing tasks, **Uncheck All** to clear all checklist tasks, or **OK** to save changes.
11. The **Checklists** tab redispays, with the number of completed tasks on the right (for example, 2 of 28).

To delete a checklist or an item from a checklist, tap **X**.

Note: If you delete preset checklists and want to restore them, tap **Restore Default**.



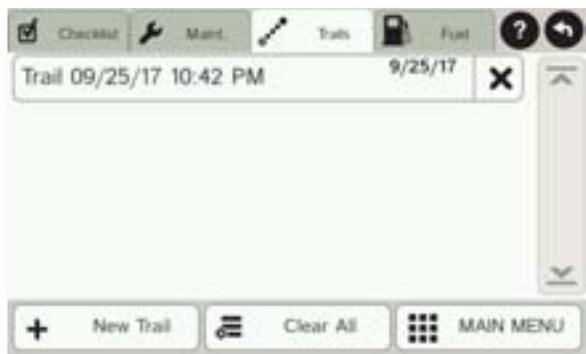
Maintenance

Keep track of maintenance performed on your RV.

1. Tap **RV Tools**.
2. Tap **Checklists, Maintenance, Trails, Fuel**.
3. Tap the **Maintenance** tab.
4. Tap **Add Note** and enter the details.
5. Tap **Back** to save changes.

Tap any note to edit or to change the date.

To delete a note, tap **X**.



Trails

Use **Trails** to record a “bread-crumbs” path of GPS coordinates where your RV has traveled.

1. Tap **RV Tools**.
2. Tap **Checklists, Maintenance, Trails, Fuel**.
3. Tap the **Trails** tab.
4. To record a trail, tap **New Trail**.
5. To end the trail, tap the Trails icon on the map screen. 
6. The trail is recorded in the Trails tab.
7. Tap on a trail to view details.
8. Tap **Show on Map** to display the trail on the map screen.
9. Tap **Edit Name** to change the name of the trail.
10. Tap **Set Color** to change the color of the trail.

Note: The **Trails** feature is also accessible from the Address Book.



Fuel Logs

1. Tap **RV Tools**.
2. Tap **Checklists, Maintenance, Trails, Fuel**.
3. Tap the **Fuel** tab to view a list of fuel logs by quarter.
4. Tap **Add Fuel** to record the date, location and cost of fuel purchase.
5. Tap on any field to edit.
6. Tap **Save**.
7. Once fuel purchases have been entered, tap on a quarter to view the details.
8. You can **View by State** or **View by Month**.
9. Tap the state or month to view fuel purchases.
10. Tap **View All** to see all fuel purchases.



Quick Planner

Use this tool to quickly estimate the mileage and time between any two cities or towns.

1. Tap **RV Tools**.
2. Tap **Quick Planner**.
The revenue or cost per mile used in the last computation displays.
3. Tap **From City 1** and select the city.
4. Tap **To City 2** and select the city.
5. The distance displays.
6. Tap **Cost per Mile** and enter the per mile rate or tap **Total** and enter the total amount.
7. Tap the new dollar amount and tap **Enter**.
8. The dollar amounts readjust automatically.
9. Tap Average Speed (MPH) enter a speed:
 - Tap -- or + to decrease or increase the speed.
 - Tap the calculator to enter a speed.
10. Tap **Change**.
11. The driving time displays.



Road Atlas Information

To reference the Rand McNally *Road Atlas* and *Motor Carriers' Road Atlas*:

1. Tap **RV Tools**.
2. Tap **Road Atlas Information**.
3. Select the appropriate country tab.
4. Select the appropriate state/province to view emergency and other key phone numbers.



Unit Converter

1. Tap **RV Tools**.
2. Tap **Converter**.
3. Tap on the first field and select the type of conversion to perform.
4. Tap on the second field and enter the value to be converted.
5. Tap **Enter**.



Calculator

1. Tap **RV Tools**.
2. Tap **Calculator**.

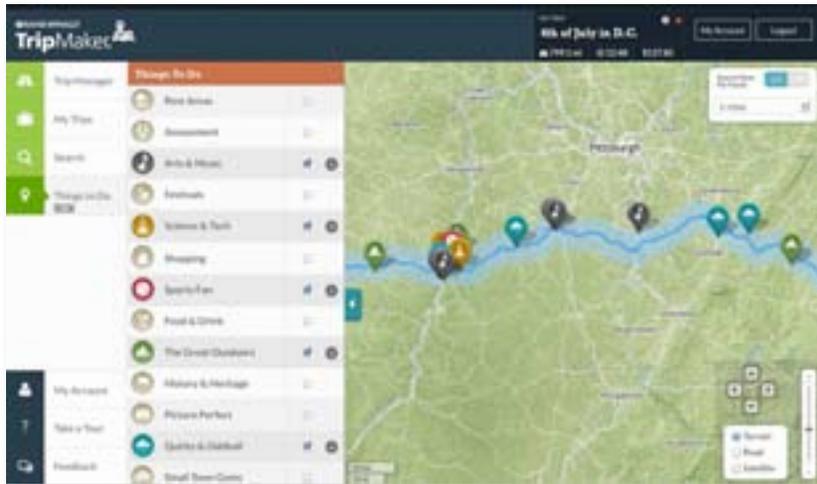
Rand McNally Dock™

The Rand McNally Dock enables you to receive software upgrades and access map updates, construction updates, and additional features.

Simply download the Dock software for your PC or Mac at www.randmcnally.com/dock and connect your device using the USB cable provided.

With the Rand McNally Dock, you can also:

- Upload trips from TripMaker® to your device
- Export fuel logs to your home computer
- Upload custom POIs, such as red light cameras and railroad crossings, to your device
- Access the Rand McNally support site and online store
- Read product news and announcements
- Send feedback and suggestions to Rand McNally through "Tell Rand"



TripMaker®

Use the TripMaker® online trip planning tool to create an itinerary, explore along your route, and add things to see and do. Send your customized itinerary to your RV GPS as a multi-stop trip. (**Note:** TripMaker® does not provide RV-specific routing. Your device will calculate a route, based on the vehicle and route settings, at the start of the multi-stop trip.)

Access TripMaker on the Rand McNally Dock™ or go to:
randmcnally.com/tripmaker.

Custom POI Information

Use custom POIs to upload lists of your own locations to your device.

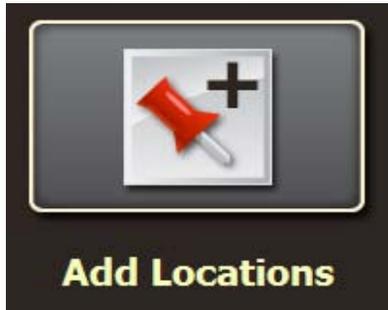
There are two types of custom POIs:

1. Destinations you can route to.
2. Alert locations, such as red light cameras and railroad crossings, you want to be warned about when they are along your route.

Lists of custom POIs are available from third-party sources such as POI Factory: **www.poi-factory.com**.

Or enter your own list. Tips for formatting your own list of POIs:

1. Files must be in .csv format.
2. You can enter locations by longitude/latitude (in decimal format), address, or both.
3. Separate each piece of information with a comma.
Do not use spaces before or after commas.
4. Enter in order the longitude, latitude, location name, street address, city, state, zip, and country. For example:
 - Longitude/latitude and address:
-87.761039,42.059611,Rand McNally,9855 Woods Dr,Skokie,IL,60077,USA
 - Longitude/latitude only:
-87.761039,42.059611,Rand McNally
 - Address only:
,,Rand McNally,9855 Woods Dr,Skokie,IL,60077,USA
(**Note:** In this example, there are two commas at the beginning. Commas are required as placeholders for fields with no data in them.)



Custom POI Information

To upload custom POI files to your device:

1. Connect your device to the Rand McNally Dock.
2. On the Dock, click **Add Locations**. You can also upload an **Address Book**.
3. Click **POI** (for destinations) or **Alert POI** (for warnings).
4. Select the file from your computer.
5. Click **Open** to automatically transfer the file to your device.
6. Unplug your device from your computer.
7. Plug your device into power using the power adapter.
8. Turn the device on.
9. Depending on the size, the download could take up to 30 minutes.

Note: "Failed records" are those for which some information was dropped from the records. If you would like to know why some records failed, plug your device into your computer, and view the error messages in the Dock.

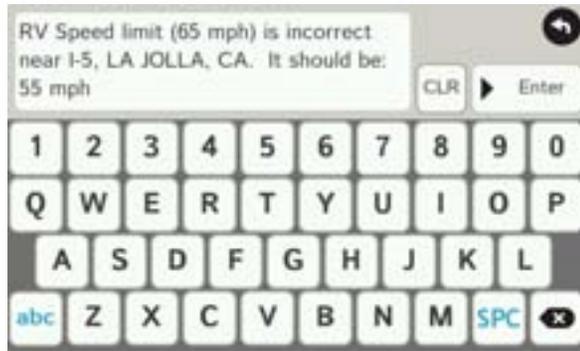
10. Customize how you want the POIs to display in **Preferences > My Custom POIs**.

Export Fuel Logs

Use this feature to export fuel purchase information to your computer. The exported file can be in .xls or .csv format.

On the Rand McNally Dock:

1. Click on **Fuel**.
2. Select where you want the file to be downloaded, and click **Save**.
3. The file is download to your computer.
When finished, a notification message displays.
4. Click **Ok**.



Tell Rand

While you're en route with your device, you can enter messages for Rand McNally regarding construction, vehicle restrictions, addresses, your device, and more. The next time you connect to the Rand McNally Dock, you can reopen, edit, and send the message.

1. Tap **RV Tools**.
2. Tap **Tell Rand**. On the left side, tap **Current Location**. Enter **Different Location** or **Find Location on Map**.

Note: You can also open a Tell Rand message by tapping the speed limit or mile marker on the map screen, or with the power button by setting the **Quick Power Press** to Tell Rand.
3. If you selected Enter Different Location, enter it as an address. If you selected Find Location on Map, tap on the map to set the crosshairs at that location, then tap **Back**.
4. On the right side, tap the type of message you want to send.
5. Type your message.
6. Tap **Enter** to save the message.
7. To discard the message and return to the previous window, tap **Back**.
8. To send the message, connect your device to the Rand McNally Dock.
9. On the Dock, click Tell Rand to access and send the messages saved on your device.

For more information

- Rand McNally Website
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