USER'S GUIDE

RIDE COMMAND - 7S

POLARIS
Think Outside

For videos and more information about a safe riding experience with your Polaris vehicle, scan this QR Code® with your smartphone.

POLARIS

Ride Command 7S User's Guide

The original instructions for this vehicle are in English. Other languages are provided as translations of the original instructions.

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Thank you for purchasing a POLARIS vehicle, and welcome to our world-wide family of POLARIS enthusiasts. Be sure to visit us online at *www.polaris.com* for the latest news, new product introductions, upcoming events, career opportunities and more.

Here at POLARIS we proudly produce an exciting line of utility and recreational products. We believe POLARIS sets a standard of excellence for all utility and recreational vehicles manufactured in the world today. Many years of experience have gone into the engineering, design, and development of your POLARIS vehicle, making it the finest machine we've ever produced.

For safe and enjoyable operation of your vehicle, be sure to follow the instructions and recommendations in this owner's manual. Your manual contains instructions for minor maintenance, but information about major repairs is outlined in the POLARIS Service Manual and can be performed by a factory certified Master Service Dealer (MSD) technician.

Your POLARIS dealer knows your vehicle best and is interested in your total satisfaction. Your POLARIS dealership can perform all of your service needs during and after the warranty period.

For the most up-to-date owner's manual visit *https://www. polaris. com/en-us/owners-manuals*.

SAFETY SYMBOLS AND SIGNAL WORDS

The following signal words and symbols appear throughout this manual and on your vehicle. Your safety is involved when these words and symbols are used. Become familiar with their meanings before reading the manual.

⚠ DANGER
DANGER indicates a hazardous situation which, if not avoided, WILL result in death or serious injury.

⚠ WARNING
WARNING indicates a hazardous situation which, if not avoided, COULD result in death or serious injury.

⚠ CAUTION
CAUTION indicates a hazardous situation which, if not avoided, COULD result in minor to moderate injury.

NOTICE
NOTICE provides key information by clarifying instructions.

IMPORTANT
IMPORTANT provides key reminders during disassembly, assembly, and inspection of components.

The Prohibition Safety Sign indicates an action NOT to take in order to avoid a hazard.

The Mandatory Action Sign indicates an action that NEEDS to be taken to avoid a hazard.

INTRODUCTION
OVERVIEW

Welcome to Polaris Ride Command. This intuitive software includes a variety of interactive features and access to your snowmobile's custom information.

For a safe and enjoyable riding experience with your new display, be sure to read your vehicle's owner's manual and this user's guide. Should you need additional assistance with display operation or software updates, please see your Polaris dealer or visit *ridecommand.polaris.com*.

For the latest Ride Command information, including software, maps, and trails updates, please visit *ridecommand.polaris.com*.

⚠ WARNING
Do not enter information while operating your vehicle. Failure to pay attention to the operation of your vehicle could result in loss of control, injury, or death. You assume all risks associated with using this device. Read your user's guide thoroughly and always drive with the latest maps and road data from *ridecommand.polaris.com*.

BEFORE YOU DRIVE

Before driving with your new display, please complete the following:

- Read this manual in its entirety.
- Familiarize yourself with the features and operations of the display while the vehicle is stationary.
- Download the Polaris Ride Command application from your phone's app store and create your personalized account.
- Check your display to ensure you have the appropriate maps and roads visible for your area. For instructions on updating the maps on your display, see page 8.
- When updating software, be sure you are using a compatible USB flash drive. See page 50 for more information.
- Check *https://www.polaris.com/en-us/owners-manuals* for the latest updates to the owner's manual.

NOTICE
Using the display for an extended period of time while the vehicle's engine is off can drain the battery.

DEVICE OPERATING REQUIREMENTS

Phone functionality, in pairing with this display, is dependent on the capabilities of your cell phone.

NOTICE
Some cell phones or operating systems will not work as shown in this manual.

DEVICE COMPLIANCE STATEMENTS

NOTICE
Some vehicle models contain radio equipment as follows:

To satisfy RF exposure requirements, this device and its antennas must operate with a separation distance of at least 20 cm from all persons.

USA RADIO COMPLIANCE

This vehicle contains the following radio equipment or components that contain radio equipment:

COMPONENT	COMPONENT ID	MANUFACTURER
9200 Series Display	RC-7W	Polaris Industries Inc.

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.

⚠ CAUTION
Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

CANADA RADIO COMPLIANCE

This vehicle contains the following radio equipment or components that contain radio equipment:

COMPONENT	COMPONENT ID	MANUFACTURER
9200 Series Display	RC-7W	Polaris Industries Inc.

This device contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's license-exempt RSS (s). Operation is subject to the following two conditions:

1. This device may not cause interference.

2. This device must accept any interference, including interference that may cause undesired operation of the device.

IMPORTANT
For applications that use vehicle-to-vehicle (V2V) communication, radio transmitter IC 5966A-RC7W has been approved by Innovation, Science and Economic Development Canada (ISED) to operate with Polaris antenna part number 4019211 with peak gain of 4.4 dBi. Any antenna that has a peak gain greater than 4.4 dBi is prohibited for use with this device.

Pour satisfaire aux exigences en matière d'exposition aux champs RF, cet appareil et ses antennes doivent fonctionner à une distance d'au moins 20 cm de toute personne.

Cet appareil contient des émetteurs/récepteurs exempts de licence qui sont conformes aux CNR exempts de licence d'Innovation, Sciences et Développement économique Canada. Le fonctionnement est sujet aux deux conditions suivantes:

1. L'appareil ne doit pas produire de brouillage.

2. L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

IMPORTANT
Pour des applications qui utilisent la communication de véhicule-à-véhicule (V2V), l'IC de l'émetteur radio IC 5966A-RC7W a reçu l'autorisation d'Innovation, Sciences et Développement économique Canada (ISED) d'utiliser l'antenne Polaris (numéro de pièce 4019211) avec un gain de 4.4 dBi. Il est interdit d'utiliser une antenne présentant un gain supérieur à 4.4 dBi avec cet appareil.

INTRODUCTION

EUROPEAN UNION (EU) RADIO COMPLIANCE

This vehicle contains the following radio equipment or components that contain radio equipment:

COMPONENT	9200 Series Display
COMPONENT ID	RC-7W
MANUFACTURER	Polaris Industries Inc.
TRANSMITTING FREQUENCY*	2402 - 2480 MHz
MAX RF TRANSMITTING PWR	0.02 W
* Other transmitting radio frequencies may exist outside of EU markets.	

Hereby, Polaris Industries Inc. declares that the above radio equipment is in compliance with Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following internet address:

https://www.polaris.com/en-us/radio-conformity/

FEATURES AND CONTROLS
RIDE COMMAND OVERVIEW

For the latest information about your Ride Command display, including software, maps, and trails updates, please visit: *https://ridecommand.polaris.com*.

For a video overview of the display, please visit: *https://youtu.be/4-YgaDGQZuo*.

⚠ WARNING
Driving while distracted can result in loss of vehicle control, crash, and injury. We strongly recommend that you use extreme caution when using any device that may take your focus off the trail. Your primary responsibility is the safe operation of your vehicle. We recommend against the use of any hand-held device while riding and encourage the use of voice-operated systems when possible. Be aware of all applicable local laws that may affect the use of electronic devices while riding.

NOTICE
If your vehicle is equipped with electric start, the display will remain on when the key is in the ON position. After 60 seconds, the display backlight will dim and then fully shut down after 10 minutes of inactivity.

RIDE COMMAND BUTTONS

BUTTON	DESCRIPTION	FUNCTION
	① 5-Way User Interface (UI) Control	Moves the cursor and pans the focus on the map screen.
	② Up Button	Zooms in when using the map and scrolls up through lists of features.
	③ Polaris Button	Opens and closes the Badge Panel.
	④ Down Button	Zooms out when using the map and scrolls down through lists of features.
	⑤ Back Button	Cycles all screens and backs user out of menus.

GAUGE SCREEN

The Gauge Screen is the screen that will appear upon vehicle start-up and displays a customizable view of vehicle information including speed, RPM, fuel level, engine temperature, engine hours, trip meter, battery voltage, and compass.

CONFIGURE GAUGE SCREEN

The display allows up to four customized gauge screens. All but one screen can be deleted; one will always remain as the default.

NOTICE
In the gauge configuration panel, display buttons and hand controls will not work. You must use the touchscreen to change screen settings and layouts.

Follow the instructions below to create customized gauge screens.

1. Press the **Gear** icon in the bottom right corner of the touchscreen.

2. On the right side of the configuration panel, press the **Screens** tab ① followed by the **Add New** button ②.

3. In the left side panel, choose a gauge layout from the three provided options.

ICON	DESCRIPTION
③	Two circular widgets and up to three linear widgets.
④	Up to five linear widgets.
⑤	Four circular widgets.

4. Select the **Data** tab ⑥. As the widget slots on the left are selected, the selection of what data item to populate that widget slot with is selected on from the list on the right. For single value slots, choose 1 data item. For list slots, choose up to 3 or up to 5 data items, depending on the configuration of the gauge layout as selected above.
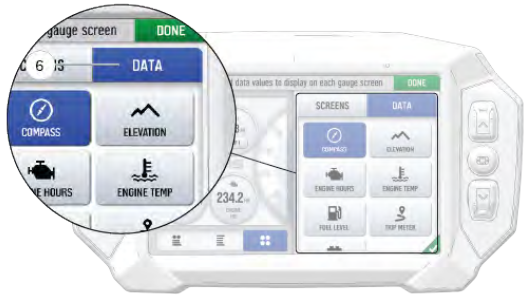
TIP
Keep your display software up-to-date as more widget options become available. For more information, see page 48.

5. Reorder the widgets by pressing and holding down on the widget and sliding the widget up or down into the desired position.

6. Click the green check mark or **Done** to close the configuration panel.

GAUGE VIEW MODE

Press ① to toggle between the two available gauge view modes, analog and digital.

ICON BAR

The Icon Bar is located across the top of the touchscreen and displays cell phone, headset, and wireless internet connectivity, fuel level, compass heading and local time.

NOTICE
The Icon Bar will not appear when the Badge Panel is open.

ICON	DESCRIPTION	FUNCTION
①	Mobile Device Indicator	Displays icon if mobile device is connected
②	Headset Indicator	Displays icon if headset is connected
③	Cellular Signal Strength	Displays current cellular signal strength
④	Wireless Internet Signal Strength (if equipped)	Displays current wireless internet signal strength (if equipped)
⑤	Engine Temperature	Displays current engine temperature
⑥	Fuel Level	Displays current fuel capacity percentage
⑦	Vehicle Direction	Displays vehicle direction
⑧	Clock	Displays current time

BADGE PANEL

The Badge Panel provides easy access to frequently used features, basic display and vehicle controls, and a list of recent notifications.

ACCESSING THE BADGE PANEL

There are two ways to open the Badge Panel, press the **Badge Panel** button (Polaris Logo) ① at the top of the touchscreen or the **Polaris Menu** hard button ② on the right of the display.

FEATURES

NOTICE
PRESS and HOLD the **Polaris Menu** hard button for 2 seconds to disable the touchscreen.

① Controls Tab

② App Tray

③ Display Mode

④ Display Brightness

⑤ Badge Panel Button

⑥ Notifications Tab

⑦ Heated Grips (if equipped)

⑧ Fuel Type

⑨ Lock Vehicle Button (activated by dealer)

⑩ All Settings Button

APP TRAY

The App Tray provides easy access to key features on the display screen. Tap on any of the listed icons to navigate to that display screen. For example, tap the **Maps** button to navigate to the Map Screen, or press the **Music** button to navigate to the Audio Screen.

CONTROLS TAB

Press the **Controls** tab to change display mode, display brightness, activate heated grips, and change fuel type.

DISPLAY MODE

From the Controls tab, select the **Display Mode** from the available options. The display mode can be set to Day, Night, or AUTO mode.

Day Mode

Night Mode

DISPLAY BRIGHTNESS

From the Controls tab, select **Display Brightness** by moving the touchscreen slider to the left or right. Press the AUTO check box to allow the screen to adjust automatically based on ambient light conditions.

SMARTWARMER HEATED GRIPS (IF EQUIPPED)

The Smartwarmer heated grips automatically adjust in response to ambient temperature and wind chill to always keep the temperature of the grips at the desired temperature. Three individually controlled heated grips comprise the Smartwarmer heated grips. The heated grip surfaces are: the left handgrip, right handgrip, and right thumb throttle lever.

There are four heat level settings:

- Low
- Medium
- High
- Off
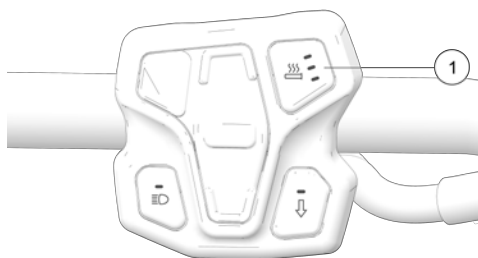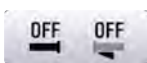
Change the heat level by pressing the **Heated Grip** button ① on the left hand controls or by opening the Badge Panel.

The heat levels of the grips are customizable by temperature. To change the temperature settings of your hand grips heat levels, press the **Badge Panel** button on the display and then the **Controls** tab.

In the Heated Grips section of the Badge Panel, press the **Heated Grip Settings** button on the touchscreen. To customize the temperature of your hand grips and thumb lever, use the **Plus** and **Minus** buttons beside each heat level to choose your preferred setting. Click the **X** in the top left of the screen, or the **Back** button, to close the menu.

BUTTON	BUTTON NAME	FUNCTION
	Heated Grips Button	Changes the level of hand grip warmth to low, medium, high, or off.
	Heated Grips Settings	Opens the Smartwarmer settings to customize the temperature of each heat level.
	Plus Button	Increases the grip warmth by one degree.
	Minus Button	Decreases the grip warmth by one degree.
Reset to factory default	**Reset to factory default text**	Sets the temperatures back to the factory default settings.

FEATURES AND CONTROLS

NOTICE
To change the temperature units from Fahrenheit or Celsius, open the All Settings menu from the Badge Panel and navigate to the General tab.

FUEL SETTING

Change the fuel type in the Badge Panel by opening the Controls tab and pressing the **Fuel Type** button.

You can also navigate to the fuel type selection from the Vehicle Info category by pressing the **All Settings** button. See page   for more information.

There are two fuel options available. Choose the fuel description that best fits the fuel type in your vehicle's tank.

• *91+ E0 Fuel* = 91 PREMIUM MODE
• *ANY E10 OR UNSURE Fuel* = 87 ETHANOL MODE

NOTICE
Poor fuel quality or a low fuel level may cause engine detonation. When engine detonation is detected, the fuel type may automatically switch to ethanol mode to protect the engine. When this occurs, fuel type selection cannot be switched back to premium. Please shutdown the snowmobile, verify that the vehicle has plenty of fuel, and restart the engine to allow fuel type selection option to resume."

For specific fuel recommendations for your vehicle, reference your Owner's Manual.

LOCK VEHICLE BUTTON

If your vehicle is equipped with a pin activated security system (P.A.S.S.), the **Lock Vehicle** button will appear on the Badge Panel. Press this button to lock the vehicle before powering off the engine. To unlock your vehicle, you will be prompted to enter a preset passcode. To set up P.A.S.S., see page 27.

NOTICE
The P.A.S.S. feature must be activated by your dealer using Polaris Digital Wrench. See dealer for setup and activation.

NOTIFICATIONS TAB

Press the **Notifications** tab to view DTC codes, installed software, and vehicle warnings.

ENGINE OVERHEAT INDICATOR

If the engine goes over temperature, a red banner will appear at the top of your display stating: ENGINE OVERHEATING – STOP IMMEDIATELY.

The appearance of this banner indicates continued operation of your snowmobile could result in serious engine damage. The engine management system will automatically reduce engine power and set a fault. Stop the engine immediately. Allow the engine to cool down.
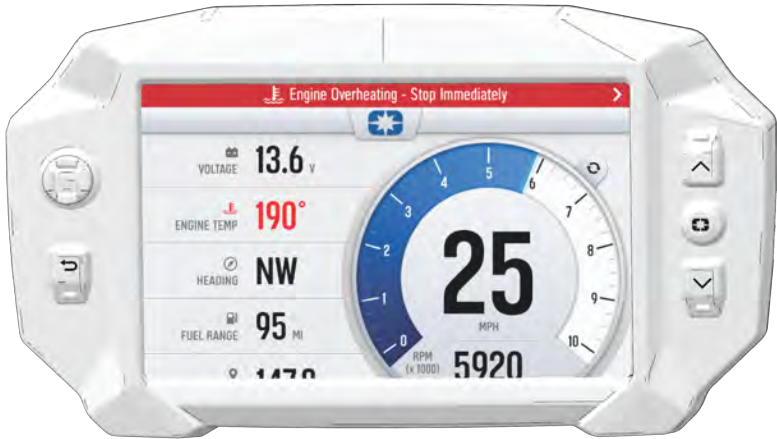
NOTICE
If engine overheating seems to be caused by something other than poor cooling conditions, see your dealer or other qualified technician for service.

WARNING FEATURES

Safety and proper vehicle usage are key to having your snowmobiles run for many years to come. The following safety and ownership tools have been added through the 7S display.

ENGINE BREAK-IN PERIOD

The display provides a status of how far along you are in your engine break-in process. Park Brake Warning – The display provides a warning if you accelerate for a period of time with the parking brake set on the vehicle

TIP-OVER WARNING

The display provides a warning when a vehicle tip-over event is detected and provides an alert indicating a delayed vehicle start.

OPERATION
ALL SETTINGS

From All Settings, you can view important details about your vehicle and personalize your touchscreen display. The settings menu is comprised of four categories: Vehicle Info, General, Time, and Vehicle Settings.

To open Settings, press the **Badge Panel** button on the display and then the **All Settings** button ① from the touchscreen.

INFORMATION

From the Info tab you can view the following:

- Vehicle Identification Number (VIN)
- Model Number
- Installed Software Version
- Mileage
- Total Engine Hours
- Next Service Interval

GENERAL

From the General tab you can do the following:

- Connect to Ride Command account
- Manage wireless internet connections (if equipped)
- Manage Bluetooth® devices
- Change the display language
- Set the speed units of measure (mph or km/h)
- Set the temperature units (F or C)
- System information
- Update software
- Update maps and trails

TIME

From the Time tab you can do the following:

- Set time from internal GPS location
- Set time zone
- Set time (if GPS time is not enabled)
- Set date
- Enable GPS Time (automatically sets the time to the time zone you are currently in)
- Set the time format (12-hour or 24-hour)

VEHICLE

From the Vehicle tab you can do the following:

- Access vehicle diagnostics
- GPS Status
- Set fuel type
- Customize heated grip temperatures

PIN ACTIVATED SECURITY SYSTEM (P.A.S.S.) (IF EQUIPPED)

NOTICE
The P.A.S.S. feature must be activated by your dealer using Polaris Digital Wrench. See your dealer for setup and activation.

Snowmobiles equipped with a 7S display have the ability to lock the snowmobile into a low power mode until a security passcode is entered. Locking the snowmobile using the Lock Vehicle button will limit the vehicle's RPM so the vehicle will remain motionless.

NOTICE
The vehicle can be locked only when the engine is running and the vehicle is not in motion. If the engine is OFF, the Lock Vehicle button will be disabled.

CHANGING YOUR PASSCODE

The default passcode is available at the time of vehicle purchase. Changing the passcode will always require the old passcode. To change the security passcode, do the following:

1. Go the Settings menu by pressing the **Badge Panel** button followed by the **All Settings** button.

2. Select **Vehicle Settings** from the left toolbar.

3. Select **Change Passcode**.

4. Enter the existing/old passcode.

5. Enter the new passcode.

6. Enter the new passcode again.

7. A popup box should appear confirming your passcode has changed.

ENABLE P.A.S.S.

NOTICE
After activating P.A.S.S. for the first time you must power down the vehicle and allow the electronic control module (ECM) to fully shutdown before restarting. This may take up to three minutes.

1. Go the Settings menu by pressing the **Badge Panel** button followed by the **All Settings** button.

2. Select **Vehicle Settings** from the left toolbar.

3. Select **Passcode Unlock**.

4. Turn off the vehicle using the key ignition switch.

DISABLE P.A.S.S.

1. Go the Settings menu by pressing the **Badge Panel** button followed by the **All Settings** button.

2. Select **Vehicle Settings** from the left toolbar.

3. Select **Passcode Unlock**.

4. Enter passcode code to disable P.A.S.S.

LOCKING YOUR SNOWMOBILE

To lock your vehicle, do the following:

1. Stop vehicle completely. Keep the engine running.

2. Press the **Badge Panel** button to open the Badge Panel.

3. Press the Lock Vehicle button.

4. Enter your 4-digit passcode.

UNLOCKING YOUR SNOWMOBILE

To unlock your vehicle, do the following:

1. Start the engine.

2. A banner will appear that top of the display screen prompting you to enter your passcode. Click on the ribbon or the **Unlock Vehicle** button from the Badge Panel.

3. Enter your 4-digit passcode.

CONNECTING DEVICES USING BLUETOOTH®
IPHONE® PAIRING

To connect your iPhone® to the display, do the following:

ON YOUR IPHONE®

- In your iPhone® settings turn on Bluetooth®.
- If available, make your phone discoverable to other devices in your phone's Bluetooth® settings.

ON THE RIDE COMMAND DISPLAY

- Go the Settings menu by pressing the **Badge Panel** button followed by the **All Settings** button.
- Select **General** from the left toolbar and click on **Bluetooth Devices**.

ON YOUR IPHONE®

- A prompt will appear on your iPhone® requesting permission to pair with your phone.
- Ensure the confirmation code on the screen and your phone are the same then press **Pair** on your phone.
- For optimal experience, enable notifications and sync contacts from your phone's Bluetooth® settings.

ANDROID® PAIRING

To connect your smartphone to the display, do the following:

ON YOUR SMARTPHONE

• In your smartphone settings, turn on Bluetooth®.

NOTICE
On some phones you have to make the phone visible to other devices. If your phone has this feature, it should show up on the Bluetooth® connection screen of your phone. If no option exists to make your phone visible to the display, it is already visible to the display.

• If available, make your phone discoverable to other devices in your Bluetooth® settings.

ON THE RIDE COMMAND DISPLAY

• Go the Settings menu by pressing the **Badge Panel** button followed by the **All Settings** button.
• Select **General** from the left toolbar and click on **Bluetooth Devices**.
• Press the **Add Device** button.
• When your phone appears on the display, press the **+** button next to it to pair with your phone.
• Ensure the confirmation code on the screen and your phone are the same then press **Pair** on your phone.

ON YOUR SMARTPHONE

• A request will appear to pair with the display. Ensure the confirmation code matches between the Ride Command display and your phone.
• Press **OK**.
• For an optimal experience enable notifications and sync contacts from your smartphone's Bluetooth® settings.

ON THE RIDE COMMAND DISPLAY

• The display will now show a list of previously connected phones on the display. If it is unpaired, click on your phone from the list.
• Once the display says connected/paired, your phone is now connected to the display via Bluetooth®. After a phone is connected, the Device Manager Screen will appear.

HEADSET PAIRING

The Ride Command touchscreen display can be connected to a smartphone and headset simultaneously. The display can connect with Polaris-approved Bluetooth® headsets to listen to music, take phone calls, and talk with other riders.

To connect your Bluetooth® headset to your display, do the following:

ON YOUR HEADSET

• Put your device into pairing mode.

ON THE RIDE COMMAND DISPLAY

• Go the Settings menu by pressing the **Badge Panel** button followed by the **All Settings** button.
• Select **General** from the left toolbar and click on **Bluetooth Devices**.
• Press the **Add Device** button.
• When your device appears on the display press the **+** button next to it to pair with your device.

NOTICE
For a better riding experience, connect your headset directly to the display, not your mobile device.

CONNECTING DEVICES USING WI-FI (IF EQUIPPED)

NOTICE
You may connect to a home network or a mobile hotspot for connectivity.

To connect using wi-fi, do the following:

1. Go the Settings menu by pressing the **Badge Panel** button followed by the **All Settings** button.

2. Select **General** from the left toolbar and click on **Wi-Fi**.

3. Slide the button to ON.

4. A list of networks within range are shown.

5. Select the network that you wish to connect to.

6. If required, enter the network password.

PHONE SCREEN

Connect a smart phone and headset to listen to audio, make and receive calls and text messages, access a phone's contact list, and call history.

When a smartphone is connected to the display, users are able to make phone calls from the display through the keypad, recent calls, or their contacts by pressing the phone icon in the device manager screen or through the pull down menu.

The Ride Command display is compatible with Android® and iOS®. Go to *https://ridecommand.polaris.com/en-us/supported-devices* for latest operating system compatibility.

NOTICE
There is no built-in microphone in the display. Phone call audio will play through the phone speakers or a Polaris approved headset if connected. Some dial options may be unavailable at speeds greater than 3 mph (5 km/h).

AUDIO SCREEN

NOTICE
Your snowmobile is not equipped with a speaker system. Audio can only be transmitted through a Bluetooth® media device or headset. Only one device and one headset can be connected at a time.

Audio playback through USB or Bluetooth® devices are compatible with your Ride Command display. The Music Screen allows you to access music stored on your smartphone or other music device. You can pair your device using Bluetooth®, or by connecting it to the display's USB port.

DEVICE REQUIREMENTS

Audio playback is only available on USB flash drives formatted to ex-FAT or FAT32 and operating systems iOS® 10 and Android® 5.0 or newer.

MAP SCREEN

Press the **Map** button from the App Tray in the Badge Panel or press the **Back** button to cycle to the map screen. The map will center you based on the location of the in-vehicle GPS.

NOTICE
Controls on the map surface disappear after 10 seconds of inactivity, return with a tap anywhere on the map.

ZOOM

Use the **Plus** and **Minus** buttons ① on the left side of the screen, the 5–way user interface (UI) control, or pinch the screen with your fingers to zoom in and out on the map.

The waypoint icon appears when navigation is in use and the GPS is routed to a specific waypoint. Press the **Waypoint** icon ② to focus on the destination point. To set the focus back to your location, press the **Target** icon in the bottom right corner of the screen.

• Pinch zoom
• Plus / Minus button
• Auto-zoom to way-point while navigating
• Current zoom level relative to maximum and minimum zoom

MAP ORIENTATION

The compass icon on the right side of the screen toggles how the map orients itself during navigation. There are two orientation options: North Up and Course Up. Pressing the **Compass** icon will also re-center your vehicle if not already centered.

MAP ORIENTATION	MAP ICON
North Up view locks the maps orientation so that North is always at the top of the screen, regardless of your vehicle's position or direction.	
Course Up view rotates the map to match the direction of your vehicle.	

POINTS OF INTEREST (POI)

Points of interest (POI), such as restaurants, gas stations, hotels, dealers, and more, are available from the map screen. POI will display on the Map Screen as you zoom in and out of the map. Tap on the **POI** icon to view more information about the location.

GO TO NAV

Go to Nav is available from the Map Screen when viewing a waypoint or point of interest (POI). Pressing **Go to Nav** will display the distance and directional bearing of the POI.

NOTICE
Go to Nav does not provide turn-by-turn directions to a POI.

SNAP TO TRAIL

Easily plan rides on your Ride Command mobile app (iOS/Android) and on the Ride Command website. Select your start point, end point, and any stops in between and the tool will automatically snap your route to the optimal route on trails or your previously tracked or planned rides. The tool also allows you to easily adjust and reorder stops.

MAP MENU

Pressing the **Map Menu** button ① at the bottom of the map screen will open the map menu screen.

WAYPOINTS

Waypoints are user-defined locations on the map. Waypoints can be saved and shared with friends.

ADD A WAYPOINT

To add a waypoint, do the following:

1. From the Map Menu, tap the **Add Waypoint** ② from available options.

2. A menu for the waypoint will pop-up.

3. From the pop-up menu you can see the distance to the waypoint and edit the details of this waypoint.

NAVIGATING TO A WAYPOINT

To view a saved waypoint, do the following:

1. From the Map Menu, tap the **Rides & Waypoints** ③ from available options.

2. A list of saved waypoints will pop-up.

3. From the list you can see the distance to waypoints and directional bearing.

GROUP RIDE

Invite your friends to a group to see their live location on the map of your smartphone, tablet, or in-vehicle Ride Command display.

For information on how Group Ride works and for instructions on how to set up Group Ride using your smartphone, or with a vehicle-to-vehicle (V2V) antenna, tap the *i* icon ① beside the title from the Group Ride Panel.

For a video on setting up a Group Ride, please visit: *https://youtu. be/ZCWIOXLGYUY.*

GROUP RIDE SETUP

There are two ways to set up a group ride.

• Cellular-Based (Cell-Based)
• Vehicle-to-Vehicle Antenna

NOTICE
In order for vehicles with a V2V antenna and vehicles using cell-based group ride to join the same group, at least one member of the group must be connected to both the V2V antenna and the cell-based group ride.

CELLULAR-BASED GROUP RIDE

Features of using your mobile phone for group riding:

• Works within cellular range
• Requires a tethered mobile phone
• Infinite range between vehicles
• Works with friends using the mobile app

Use the following procedure to set up a cell-based Group Ride:

NOTICE
The display requires a GPS lock, indicated by a blue navigation arrow marker, before you are able to setup or join a group ride.

To set up a group ride using a mobile phone, do the following:

1. From the Map Menu, tap the **Map Menu** icon at the bottom of the screen and select the **Group Ride** button.

2. Tap the *i* icon beside the Group Ride title.

3. Select **Setup Mobile Phone Group Ride** button on the display screen.

• Enable your Bluetooth® tethering or personal hotspot in your phone's settings.

OPERATION

4. Tap **Instructions** on the display for more information of how to enable tethering on an iPhone® or Android® phone.

5. If not previously paired to the display, connect your phone to the Ride Command display by pressing the **Bluetooth® Settings** button.

6. In the Bluetooth® device menu, press the **Add Device** button to bring up the pairing prompt.

• Open your phone's Bluetooth® settings and ensure the device is in pairing mode.

7. Select the device you wish to pair on the display screen.

• Verify that the numbers that appear on your phone match the numbers that appear on the display screen and accept the prompt to pair on your phone.If your mobile phone and the display fail to pair, cycle the ignition switch and repeat this process.

• Verify that your Bluetooth® tethering is active before proceeding.

8. Press the **Log In** button to login to your Ride Command account. If you do not have a Ride Command account, sign up at *ridecommand.polaris.com*.

• Once you've logged in, if you wish, you can choose to upload vehicle rides and waypoints to your Ride Command account.

NOTICE
After successfully logging in the first time the display will store your Ride Command information unless manually cleared, and you will not have to log in again for future Group Rides.

9. Press the **X** in the upper left-hand corner to close the menu.

10. See page   to join a ride group or see page   to create a new group ride.

VEHICLE TO VEHICLE (V2V) ANTENNA

Features of using the Vehicle-to-Vehicle antenna for group riding:

- Works anywhere, no phone required
- 1+ miles range between vehicles
- Messaging to other vehicles utilizing V2V communications

Use the following procedure to set up a V2V Group Ride:

NOTICE
The display requires a GPS lock, indicated by a blue navigation arrow marker, before you are able to setup or join a group ride.

1. From the Map Menu, tap the **Map Menu** icon at the bottom of the screen and select the **Group Ride** button.
2. See page _____ to join a ride group or see page _____ to create a new group ride.

CREATING A RIDE GROUP
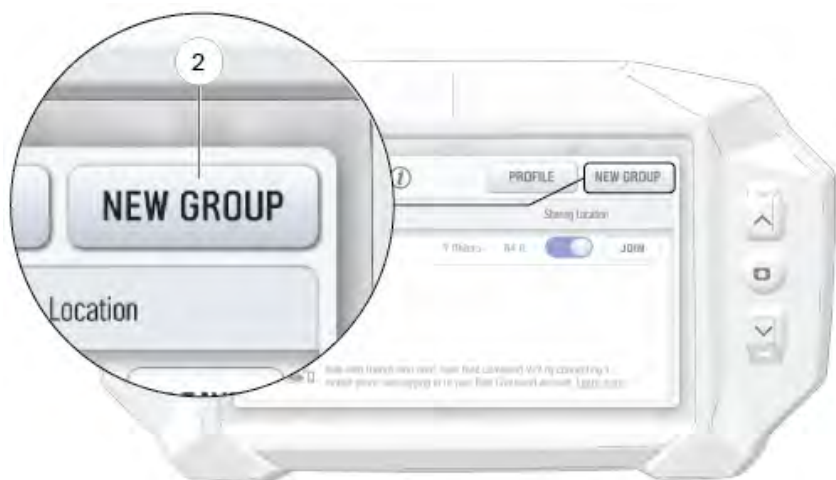
To create a Ride Group, do the following:

1. From the Map Menu, tap the **Map Menu** icon at the bottom of the screen and select the **Group Ride** button.

2. On the Group Ride Panel, tap the **New Group** button ② to create a group for others to join.

3. Enter a name in the **Group Name** field.

4. Select whether to enable a passcode. When enabled, you will be prompted to enter a 4–digit passcode.

NOTICE
If **Passcode Required** is left unselected, any rider can freely join your Ride Group.

5. Select the **Create Group** button.

Your newly created group is now shown. If your ride group has the passcode enabled, other riders must enter your chosen passcode to join the group. .

NOTICE
After a second rider joins, the map will switch to zoom-to-group and as you ride it will automatically zoom to keep all riders in view. Tap the zoom control to return to manual zoom mode.

JOINING A RIDE GROUP

NOTICE
The display requires a GPS lock, indicated by a blue a navigation arrow marker, before you are able to setup or join a group ride.

To join a group, do the following:

1. From the Map Menu, tap the **Map Menu** icon at the bottom of the screen and select the **Group Ride** button.

2. Nearby ride groups will display in order of distance.

3. Tap the **Join** button ③ to join a group.

NOTICE
You can only be active in one ride group at a time.

Close the pop-up to show the map view of your chosen ride group. Other riders appear as dots on the map. If a rider is moving, the dot includes a heading arrow pointing in the direction they are riding. The Ride Group Panel on the side of the screen shows the name of the group and lists all group members with their name, icon color, distance and bearing from you to that rider.

NOTICE
The map is set to zoom-to-group and as you ride it will automatically zoom to keep all riders in view. Tap the zoom control to return to manual zoom mode.

RIDING WITH A GROUP

1. Tap the **Handle** ④ by the group name to minimize the panel and show more map.

2. After 10 seconds of not interacting with the screen, the map controls will disappear. Tap the screen to make them visible again.

3. Tap on a **Rider** icon in the Ride Group Panel to show that rider relative to your location. If center-on-me is enabled, the display reverts to the centered state after 10 seconds.

GROUP RIDE MESSAGING

Easily send text messages to other members of your group over V2V (Vehicle to Vehicle) communication. Includes quick messages/replies as well as the ability to send custom messages. The message sends to all members of the group, and the 7s has a message history on the screen for reference.

MAP LAYERS

The map layers button allows you to turn on and off map items like: hill shading, topography, and satellite view (available with internet connection on models equipped with wireless internet functionality).

To adjust the map layers visible, do the following:

1. From the Map Menu, tap the **Map Layers**① from available options.

2. A menu of map layer options will pop-up.

3. From the pop-up menu you can select what layers you wish to have on or off.

Satellite Layer Shown (available with an internet connection)

MAP LAYERS TOGGLE WITH SATELLITE MAP

Use your phone's Bluetooth or Wi-Fi hotspot to connect your 7s and toggle on Satellite maps as a new map layer. You can also toggle on and off layers for:

- Topographical lines
- Hill shading
- Trails
- Current ride track

MAINTENANCE
CARE AND MAINTENANCE

To clean the display shell, use a soft cloth with mild soap and water. Do not use harsh or abrasive cleaners. For best results, use a micro-fiber towel to clean the screen.

NOTICE
Certain products will damage the screen and other plastic surfaces. Do not use alcohol to clean the display. Immediately clean off any gasoline that splashes on the display.

VEHICLE STORAGE

When preparing the vehicle for storage make sure the ignition switch is in the OFF position to prevent battery drain and diminished battery life.

SPEED LIMITATION

Various aspects of the display such as the front and rear cameras, phone contacts, and call logs may be unavailable while driving at high speeds.

CREATE ACCOUNT

You can create a personalized Ride Command account either by computer at *https://ridecommand.polaris.com* or in the Polaris Ride Command app, which can be downloaded to your personal device through your phone's application store.

ON YOUR COMPUTER
Create Account

1. Open your preferred internet browser and navigate to *https://ridecommand. polaris.com*.

2. From the top menu bar, click **Create Account**.

3. In the pop-up, type your email address and password.

4. Accept the Terms of Service agreement.

5. You should receive a confirmation email from Polaris within 24 hours of creation.

Add Your Vehicle

6. After signing into your Ride Command account, click on **Garage** from the top menu bar.

7. Press the **+** button to add vehicle.

8. Type in your vehicle's VIN number.

9. Add a vehicle nickname, such as "My Snowmobile".

10. Press the **Add My Vehicle** button.

ON YOUR DEVICE
Create Account

1. Download and install the Polaris Ride Command app from your phone's application store.

2. You may receive a prompt that "Ride Command" wants to access to location information. Click **Continue**.

3. Tap the menu button and select **Log In or Sign Up** from the dropdown menu.

4. Select the **Sign Up** tab.

5. Type your email address and password.

6. Accept the Terms of Service agreement.

7. You should receive a confirmation email from Polaris within 24 hours of creation.

Add Your Vehicle

8. Press the **More** button on the home screen.

9. Select **Garage** from the options menu.

10. Press the **+** button.

11. Connect your phone to your vehicle via Bluetooth or press the **Enter Your VIN** button.

12. Add a vehicle nickname, such as "My Snowmobile". This is optional.

13. Type in your vehicle's VIN number.

14. Press **Next** from the top ribbon.

SOFTWARE & MAP UPDATES
OVER-THE-AIR (IF EQUIPPED)

Displays equipped with Wi-Fi connectivity will check for updates automatically once the display is successfully connected to a network. When a software update is available, a notification will be shown on the display. The notification will prompt you to download and install the update.

USB DRIVE

NOTICE
Before updating the display, always export your existing rides and waypoints to a secondary USB drive to avoid losing them. Do not save them to the same USB used for installing the software update. You must use an empty USB drive for all software and map updates.

To update the display software, complete the following steps:

ON YOUR PERSONAL COMPUTER

NOTICE
For optimal download speed and connection stability, it is recommended to have a wired internet connection to your personal computer while downloading updates to your USB flash drive.

1. Go to *ridecommand.polaris.com*.

2. Log in to your account, or create a new account.

3. Click **Garage** on the menu bar and select **Map & Software Updates** from the menu.

4. From the list of displays, click **7" Snow (7S)** from the list.

5. Follow the on-screen direction on how to download the latest software or map to a USB flash drive (8+ GB).

ON YOUR SNOWMOBILE

NOTICE
The USB port is located in the storage compartment behind the display.

1. Plug the USB drive into your vehicle's USB port and turn on the display.

2. On the Ride Command display, press the **Badge Panel** button at the top of the screen, followed by **All Settings**.

3. Select **General** from the tabs on the left, and scroll down to **Update Software** or **Update Maps / Trails**.

4. Select the file you wish to load (the latest will be automatically displayed next to the newest version detected on the USB drive for software updates).

5. The display will reboot and install the software or map updates.

6. After your display has restarted and you've determined the update to be successful, power down your vehicle before disconnecting your USB flash drive from the vehicle.

ERROR MESSAGES

If an error occurs while updating your software or map, perform one or all of the following measures to resolve the issue:

1. Ensure you are using a Tier 1 USB flash drive. For more information on USB requirements, see page 50.

2. Remove and reconnect the USB flash drive securely.

3. Ensure display files are not inside a folder on the flash drive.

4. Only Polaris display files should be on the flash drive while performing updates. Remove other files, if necessary.

5. Format the USB drive on your personal computer using FAT32 or exFAT formatting systems.

6. Try a different USB flash drive.

USB HARDWARE

SOFTWARE UPDATES

For software update, POLARIS recommends using a SanDisk®, Kinston®, or similar USB flash drive with a minimum of 4GB in available memory, formatted using the FAT32 or exFAT file systems. For best results remove all files from the flash drive before starting the update process.

MAP UPDATES

For Map updates, a 32GB USB drive is required (USB 3.0 drive is highly recommended) USB drive must be formatted to exFAT before copying the map file onto it.

TRAIL UPDATES

For Trail updates, a 4GB drive formatted to FAT32 can be used.

FREQUENTLY ASKED QUESTIONS

1. **How do I know whether my software is up-to-date?**

   From the Badge Panel menu, select **All Settings**. Navigate to the **General Settings** tab. Press **Update Software**.

2. **How do I update my display software?**
   • If your software is out-of-date, log in to your Ride Command account at *ridecommand.polaris.com* to download the latest software data. For detailed instructions for updating display software, see page 49.
   • If your display is Wi-Fi capable your software will automatically update once the display is successfully connected to a network and logged into your Ride Command account. See page   .

3. **Why can't my display acquire a satellite signal?**

   The GPS may take several minutes to lock on signal if the vehicle has been sitting cold. Let the system warm up for a few moments before troubleshooting.

   If less than 4 satellites are appearing on the GPS satellite screen, drive the vehicle to an area free of overhead obstructions.

4. **My phone is Bluetooth®-enabled. How do I connect it to my Ride Command display?**

   Depending on the brand or model of phone, there are varying processes to connect to Bluetooth® on the display. See page 29 for detailed instruction on pairing your mobile device. For specific Bluetooth® functionality related to your smartphone, refer to your device's user manual.

5. **How do I adjust the screen brightness on my display?**

   Tap the **Badge Panel** icon at the top of the display screen. Adjust the slider to the desired brightness.

6. **How do I set the clock?**

   There are several options for managing time on your Ride Command display. Press the **Time** tab of the Settings menu to get started.

   Option 1: Set the time zone (GMT offset) and daylight savings mode to your region. correct for your location. GPS automatically sets the clock when there is a locked GPS signal.

   Option 2: Tap the **Badge Panel** icon at the top of the display screen. Press the **All Settings** button then select **Time** from the menu on the left toolbar.

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