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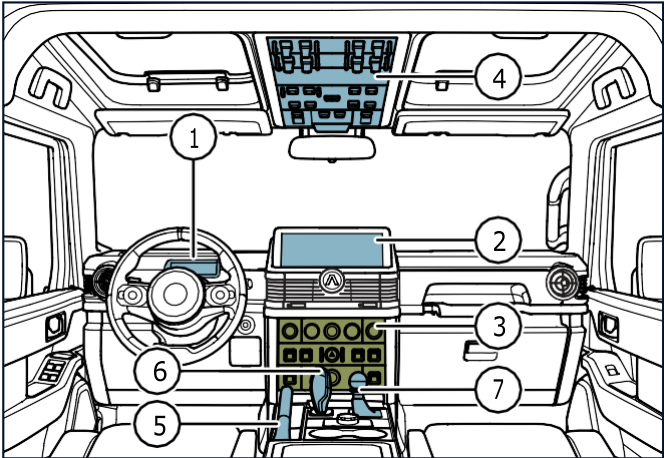
INTRODUCTION

This section gives you an overview of the Grenadier, its keys, its interior controls and its exterior.

The interior of your Grenadier has a familiar layout in some respects but perhaps not in others. The screen immediately behind the steering wheel is a Tell-tale Cluster where warning and status lights illuminate. The Center Display and Touchscreen in the center of the dash is where vehicle speed, fuel levels and the like are displayed. The Center Control Panel, just below the center air vents, has climate and other controls. There is also an Overhead Control Panel on the underside of the roof, above and between the two front seats.

Be sure to read this manual and be fully familiar with the layout and controls before driving. The driver must not be searching for controls

or signals while driving. That could lead to a loss of control, an accident, and to serious injury and death.



(1) Telltale Cluster	(3) Center Control Panel	(6) Gear Shift
(2) Center Display and Touchscreen	(4) Overhead Control Panel	(7) Transfer Case Shift
	(5) Parking Brake	(8) Center Console

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KEYS

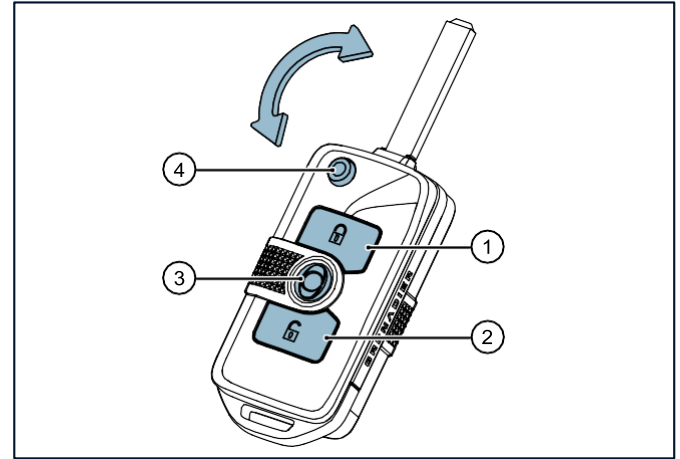
Introduction

Your key has a retractable blade for starting the engine and manually locking/unlocking the doors. It also has an electronic remote control for unlocking, locking, and alarms.

The key's remote control might not work if:

- > The key is too far from your Grenadier.
- > Either your Grenadier or key battery is dead.
- > Nearby devices interfere with its function.

The key's range varies with environmental factors. Other devices, including mobile phones and medical equipment, might use the same radio frequencies as the key, potentially affecting its operation.



1. Lock Button
2. Unlock Button
3. Panic Button
4. Key Blade Release

OVERVIEW

Using your key

To unlock doors:

- > Press and release the Lock Button once to unlock only the driver's door. The headlights will turn on for a short period of time to illuminate the space ahead. Exterior lights will flash briefly to confirm your Grenadier's doors have locked.
- > Press the Unlock Button twice to unlock all doors including the rear. The lights will react the same way.
- > Or insert the Key Blade into the driver's lock to unlock all doors.

To lock doors:

- > Press and release Lock button to lock all doors, including the rear, and arm the security system. Exterior lights will flash briefly.
- > Or insert the Key Blade into the driver's lock to lock all doors. Note that the alarm system will not activate unless all doors are locked.

To use the Panic Button:

- > Press the Panic button once to activate. You need not keep it pressed. The horn will sound, and exterior lights will flash for three minutes.
- > Press any button or switch the ignition on to turn the panic alarm off.

To expose the Key Blade, press the Key Blade button on the key housing. The key blade will spring out and lock in the extended position.

To put the Key Blade back into the housing, press and hold the Key Blade button while gently pressing the key blade edge to pivot it back inside.

Anti-theft immobilizer

Your Grenadier has a passive anti-theft immobilizer system and will start only with the special keys provided. Each key contains an electronic chip. The lock works both as a standard lock and a communicator, syncing with the key's electronics. The ignition, fuel, and starter only activate with an "authorized" key.

Replacement keys

You can purchase replacement keys from an INEOS dealer. An INEOS dealer can program replacement keys to work with your Grenadier.

Key battery replacement

Your Grenadier key is battery powered. If you find that its electronic functions are not working or its range is reduced, replace the battery.

Changing the battery won't affect the key's programming. It will continue to work with your Grenadier.

The key requires one coin-type 3-volt lithium battery type CR2032 or equivalent.

OVERVIEW

To replace the battery:

- > Insert a small flat head screwdriver into the slot on the end of the housing opposite the Key Blade and pry the housing apart.
- > Remove the white plastic battery cover.
- > Remove the old battery.
- > Insert a new battery with the positive (+) side up

- > Refit the white plastic battery cover.
- > Secure the two parts of the housing back together.
- > Test to see that the Key's remote controls are working.
- > Properly recycle used batteries. Don't dispose of them in regular trash. Follow environmental guidelines for disposal.

Key-related warnings



WARNING: Never leave children or pets alone in a vehicle or leave children with access to an unlocked vehicle or key. Always remove the key when exiting.



WARNING: Keep batteries away from children. If swallowed, batteries can cause serious injuries within two hours that can lead to serious injury and death. If you suspect that a battery may have been ingested, seek medical attention immediately.



WARNING: If the key's cover isn't secure, stop using it, keep it away from children, and have it repaired or replaced by your INEOS dealer.



WARNING: Avoid exposing the key to extreme heat, dust, humidity, or direct sunlight. Keep it away from liquids.

FCC notice

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.

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

CENTER DISPLAY AND TOUCHSCREEN

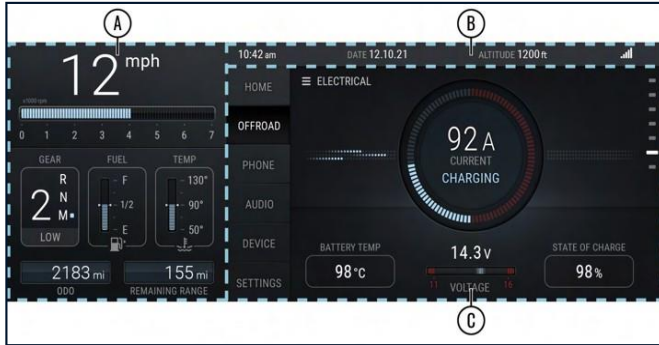
Always prioritize safe driving. Avoid using the Center Display and Touchscreen functions that might distract you while driving. Only adjust settings when your Grenadier is stationary.

Introduction

The Center Display and Touchscreen contains your Grenadier's computerized, electronic controls and many of your Grenadier's

OVERVIEW

displays. It automatically turns on when the ignition switch is turned to Accessory (ACC) or On.



When the transmission is shifted to R (Reverse), an image from the rear backup camera is displayed on the Center Display and Touchscreen.

The Center Display and Touchscreen is broadly divided into three regions.

The Instrument Panel (A): displays the standard information required for operating your Grenadier that would traditionally be shown in a physical gauge cluster, including vehicle speed, engine speed, gearshift position, transfer case range, fuel level, engine coolant temperature, an odometer, and a fuel range estimate.

The Info Bar (B): is at the top of the screen. It displays context-specific information:



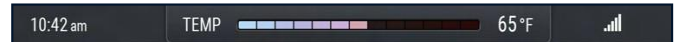
The Info Bar displays the current time, date, altitude, and phone signal strength for a connected phone.



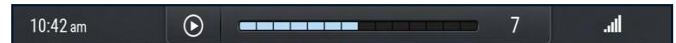
The audio overlay will appear if audio is playing and the AUDIO tab is not selected.



Active phone call overlay will appear while you are on a call and the PHONE tab is not selected.



The temperature overlay will appear as you adjust the climate controls.



OVERVIEW

The volume overlay will appear when you adjust the audio volume.

The Tabs Panel (C): shows the content for the selected tab. There are six tabs to choose from.

Home

The Home tab is divided into two sections:

- > The upper section shows audio information such as the currently playing and upcoming tracks in a playlist, the selected radio station, or SiriusXM content.
- > The lower section shows a list of favorite contacts from a connected phone.

Offroad

The Offroad tab displays a menu of features useful for driving off-road. Selectable displays on this tab include:

- > Attitude: wheel angle, altitude, g-force, pitch, and roll.
- > Temperature: tire pressures and tire, automatic transmission, and transfer case temperatures.
- > Pathfinder mode: this display has navigational sub-displays RECORD PATH and FOLLOW PATH for collecting or following waypoints, and ROADBOOK for tracking distances while navigating with a roadbook.
- > Statistics: shows statistics for the current trip, including current location (latitude/longitude), altitude, travel time and distance, average speed, and average fuel economy.

- > Electrical: shows current charge, battery temperature, voltage, and state of charge.

Phone

The Phone tab displays features of a connected phone. It shows your phone's contact list, allowing you to search by name and make calls. You can also add favorite contacts to your HOME tab for faster access. The tab provides a history of recent calls and offers options for dialing, accepting or rejecting calls, and handling ongoing calls.

Audio

The audio tab lets you select and play audio from different sources, including:

- > Apple CarPlay.
- > Android Auto.
- > Radio.
- SiriusXM.
- > USB connected devices such as phone or storage devices.
- > Bluetooth devices such as a phone tablet.

Device

The Device Tab shows phones that have been connected. The device tab will rename to Apple Carplay or Android Auto if your phone is connected and supports it.

OVERVIEW

Settings

The Settings tab displays settings for various functions, including your Grenadier's Advanced Driver Assistance Systems (ADAS). Those are discussed in the ADAS subsection of the Driving On Road section that follows.

You can connect new phones using the Device tab.

Connecting your phone or tablet



To connect a phone or tablet with Bluetooth:

If no devices are currently connected,


- > Click on the DEVICE tab to go directly to the settings page.
- > Select 'Connect New Phone'.

Otherwise,

- > Select the SETTINGS tab.
- > Select the COMMUNICATION menu.
- > Select DEVICE.
- > Select 'Connect New Phone'.

Bluetooth discovery will start and show a list of available phones nearby. Select your phone and follow the on-screen instructions to finish the setup.

To connect a device with a USB cable:

USB ports are located inside the Center Storage Tray or the Center Storage Box (if equipped), identified by the  symbol on the cap cover. There are two types of USB port, one type A and one type C port. Both USB ports transfer data with the USB 2.0 protocol and data connection to the head unit and provide power according to the USB BC 1.2 charging standard to the connected USB device.

Additional USB ports are located on the rear of the Center Console (the horizontal console between the front seats) for the convenience of second row occupants. These ports are for charging devices like mobile phones and are not connected to the Center Display and Touchscreen.

Connecting Apple CarPlay

After connecting your phone or tablet using Bluetooth, Apple CarPlay will be displayed automatically. If the phone is being connected for the first time, follow the instructions on the Center Display and

OVERVIEW

Touchscreen and/or your Apple CarPlay device screen to finish the setup. Apple CarPlay requires iOS 13 and above. Your CarPlay device must have Hotspot turned on for wireless Apple CarPlay to work.

The DEVICE tab on the Center Display and Touchscreen will change to APPLE CARPLAY, confirming that setup is complete.

Connecting Android Auto

After connecting your phone or tablet using Bluetooth, a message will be displayed on the Center Display and Touchscreen directing you to follow instructions displayed on your Android Auto device's screen.

1. Follow the instructions shown on your Android device.
2. Click the OK button on the Center Display and Touchscreen.

The DEVICE tab on the Center Display and Touchscreen will change to an Android Auto symbol, confirming that setup is complete.

Sirius XM

SiriusXM is front row access to the widest variety of entertainment anywhere. Listen in your car to channels including expertly curated ad-free music, plus premium sports coverage with live play-by-play from every major sport, original talk channels including Howard Stern, exclusive comedy, news covering every angle and more. Experience even more on the SXM App including the best collection of podcasts curated for you, Xtra channels of music to fit any mood or activity, Personalized Pandora stations, SiriusXM video with shows,

interviews and performances including epic Howard Stern studio moments.

Center Display and Touch Screen Notices



NOTE:



The touchscreen might not respond well if used with gloves or if it's wet. Use only your fingers to operate the touchscreen, avoiding sharp objects.



Prolonged use of the Center Display and Touchscreen with the engine off can drain your Grenadier's battery.

Center Display and Touchscreen Warnings



WARNING:



Familiarize yourself with the Center Display and Touchscreen and its functions before driving. Learning to use it while driving is dangerous and could lead to an accident and to serious injury and death.



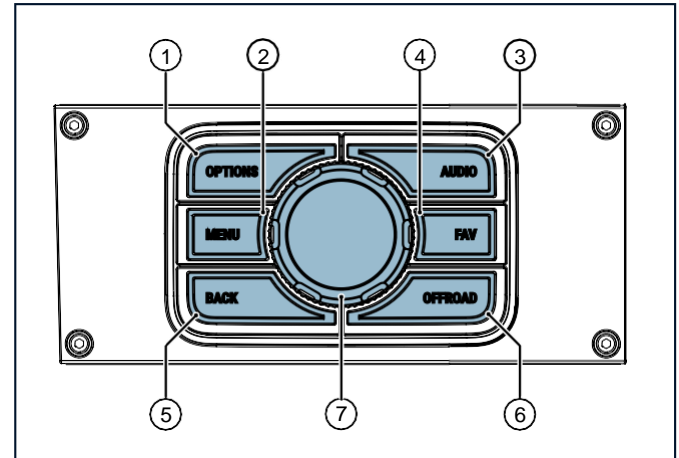
Always prioritize safe driving. Avoid using the Center Display and Touchscreen functions that might distract you while driving. Only adjust settings when your Grenadier is stationary.

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- > Avoid setting the volume of music or calls too high. It's essential to hear outside noises (horns, sirens, etc.) and be aware of your surroundings.
- > While voice commands can reduce distractions, avoid using them in complex traffic situations or when they can divert your attention. Anything that diverts your attention and brain power from driving increases the risk of an accident and of serious injury and death.

CENTRAL CONTROL INTERFACE (CCI)

On the Center Console just rearward of the shift levers is a rotary knob with surrounding buttons. This is another means of controlling the Center Display and Touchscreen.



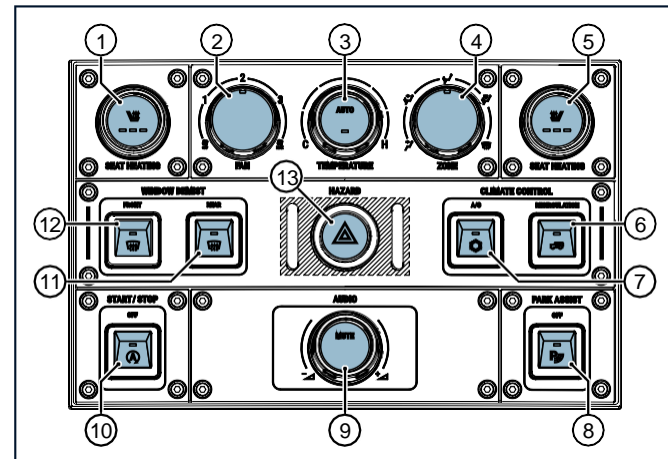
1. **OPTIONS.** Opens/closes the option menu of the active tab.
2. **MENU.** Opens/closes the menu of the active tab.
3. **AUDIO.** Opens the AUDIO tab.
4. **FAVORITE.** Switches to radio by default; can be changed in the SETTINGS tab.

OVERVIEW

5. BACK. Returns to previous option or screen.
6. OFFROAD. Opens the OFFROAD tab.
7. Rotary Controller.
 - > Pushing the knob side-to-side or up-and-down moves an onscreen cursor.
 - > Rotating the knob scrolls through options.
 - > Pressing the rotary knob like a button confirms a selection.

CENTER CONTROL PANEL

This is located on the vertical center panel of the instrument panel.



1. Heated front seat (if equipped), driver.
2. Fan speed.
3. Temperature setting and automatic.
4. Air flow selector.
5. Heated front seat (if equipped), passenger.
6. Air recirculation.

OVERVIEW

7. Air conditioning.
8. Park assist.
9. Volume.
10. ECO Start/Stop.
11. Rear defroster, power heated exterior mirrors (if equipped), and heated windshield washer jets (if equipped).
12. Windshield defrost.
13. Hazard warning lamps.

Fan Speed Settings

Rotate the fan speed knob (2), on the Center Control Panel, clockwise to increase the fan speed and anti-clockwise to decrease the fan speed.

Temperature and auto settings

Rotate the temperature knob (3), on the Center Control Panel, clockwise to increase the temperature and anti-clockwise to decrease the temperature.

Press the auto button once, to switch on the auto setting. The vehicle will maintain the same temperature by automatically increasing and decreasing the temperature of the air coming through the air vents.

Air flow zones

Rotate the air flow zone knob (4), on the Center Control Panel, to select the preferred air vents to distribute air flow into the vehicle.

Recirculation

Press button (6) on the Center Console, to recirculate the air inside the vehicle.

Air Conditioning

Press button (7) on the Center Control Panel, to switch on the air conditioning. This will activate the air conditioning to distribute cold air inside the vehicle.

Window defroster rear

Press button (11) on the Center Control Panel, to switch on the window defrost rear feature. This will defrost the rear window for clear visibility. Press a second time to switch off the window defrost rear.

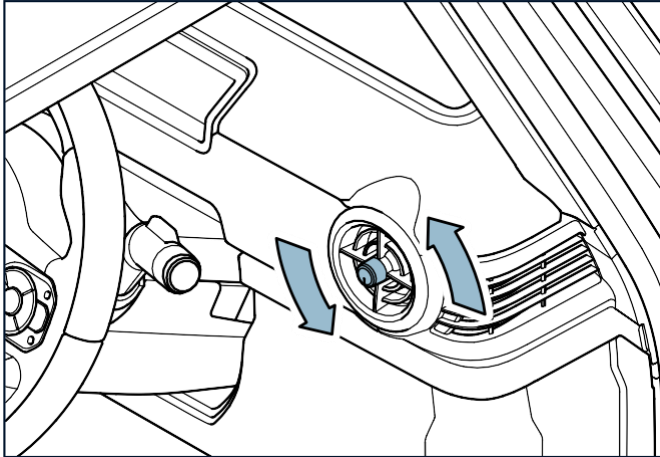
Window defroster front

Press button (12) on the Center Control Panel, to switch on the window defrost front feature. This will defrost the front window for clear visibility. Press a second time to switch off the window defrost front.

OVERVIEW

Vent adjustment

To Adjust the air vents, use the vent knob. Push up or down to adjust the blades inside the vent. Push left or right to adjust the angle of the vent unit. Rotate the knob to open or close the vent.



Heated Front Seats (if equipped)

Independently controlled heated front seats with three temperature settings for both the driver and front passenger.

Press either or both buttons (1) and (5) on the Center Control Panel, to cycle the seat heating level on the front seats. The LEDs show which heating level is set, where the higher the number of LEDs illuminated, the greater the heating level.



WARNING:

- > Be especially cautious when using heated seats with children, the elderly, or individuals with reduced sensitivity to heat. Their skin may be more susceptible to burns and they may have diminished ability to communicate.
- > Do not re-activate the heated seats directly after the auto timer has switched off the heated seats. Re-activating the heated seats repeatedly can cause the seat to become very hot and can cause burn injuries to persons with limited sensitivity to temperature changes.
- > Do not place any heavy items on the seats, pressure on one area of the seat can result in damage to the heating elements. Do not kneel on the seats. Kneeling on the seats may damage the heating elements.

Start/Stop

This is explained in the Driving on Road section.

OVERVIEW

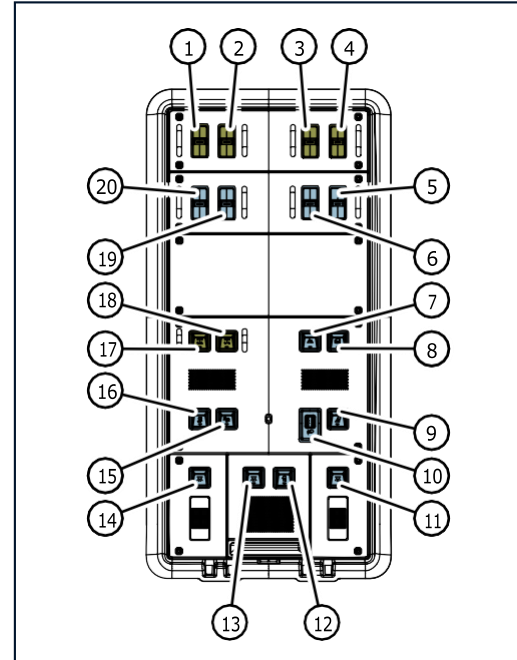
Park Assist

This is explained in the Driving on Road section.

OVERHEAD CONTROL PANEL

The Overhead Control Panel has switches for various electrical and off-road features of your Grenadier. Familiarize yourself with them before you drive your Grenadier. With the exception of an interior

lamp, you will probably never operate any of these switches while in motion on a paved road.



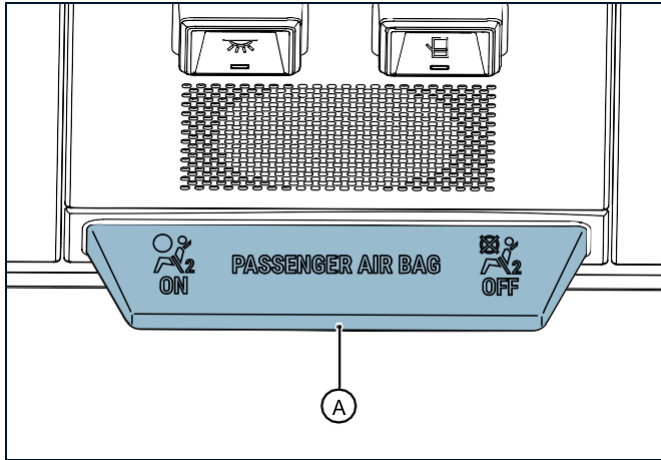
1. EXT 2: If equipped – Switch on or off 25A circuit A (front right roof outlet), of the exterior roof power outlets.
2. EXT 3: If equipped – Switch on or off 25A circuit B (front left,

OVERVIEW

- rear left, and rear right roof outlet), of the exterior roof power outlets.
3. EXT 4: If equipped – Switch on or off, the front winch (If equipped) and rear high amp outlet (NATO outlet).
4. EXT 5: If equipped – Switch on or off the 25A under hood power preparation.
5. INT 2 Switch on or off the 10A right footwell power preparation.
6. INT 1 Switch on or off the 10A left footwell power preparation.
7. Off-Road Mode: Activate or Deactivate Off-Road Mode.
8. Wading Mode: Activate or Deactivate Wading Mode.
9. LED Auxiliary High Beam Lights: Switch on or off to prime the LED Auxiliary High Beam Lights. When the main beam is switched on, then the LED Auxiliary High Beam Lights will activate. Off-Road/Wading Mode must be activated.
10. Exterior Head Lights Level: Adjust the level of the Exterior Head Lights.
11. Reading Lamp: Switch on or off, the Reading lamp.
12. Automatic Interior Lamps: Interior Lamps will illuminate when a door is opened.
13. Interior Lamps: Switch on or off the Interior Lamps.
14. Reading Lamp Switch on or off the Reading Lamp.
15. Downhill Assist Activate or Deactivate the Downhill Assist function.
16. ESC OFF: Switch the Electronic Stability Control function off or back on again.
17. Differential Lock Front (if equipped): Activate or Deactivate the Front Differential Lock.
18. Differential Lock Rear (if equipped): Activate or Deactivate the Rear Differential Lock.
19. EXT 1 Switch on or off the 10A under hood power preparation.
20. PWR Switch on vehicle electrical outputs when the ignition is off.

OVERVIEW

The passenger air bag lamps (A) are located on the forward end of the Overhead Control Panel. (See Seats, Seat Belts, Children in Car Seats and Booster Seats, and Air Bags).



NOTE: If equipped, the Highlight Auxiliary Switch Panel & Electrical Preparation gives another bank of four switches in the Overhead Control Panel and has wiring outlets throughout your Grenadier. The four outlets in the roof rails offer plug-and-play connectivity with additional equipment like the accessory LED light bar. Simply mount the LED light bar run the cable to the outlet and plug in.

TELLTALE CLUSTER

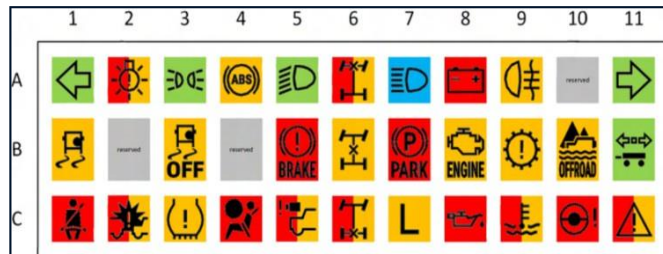
The Telltale Cluster is located on a screen behind the steering wheel. The lamps will illuminate when triggered depending on the feature or function they represent. This shows the appearance of the Telltale Cluster when you turn your Grenadier's ignition on. Familiarize yourself with these signals and their meanings as described in the table below. These are for your information, and you must understand their meaning.

The lamp colors give you information about different conditions after the initial Ignition On check and illumination.

LAMP COLOR	MEANING
Green or Blue	The function is activated.
Yellow	There is a condition of which you should be aware.
Red	There is a condition that requires your immediate attention.

OVERVIEW

The following gives more specific information. You should consult the relevant sections and subsections of this manual for more information.



LOCATION	MEANING
A1	Left turn signal on
A11	Right turn signal on
A2	Exterior bulb failure. If you must drive, be aware of this and drive sparingly and accordingly. Consult an INEOS dealer as soon as you can.
A3	Side lamps on

LOCATION	MEANING
A4	Anti-locking brake fault. If you must drive, be aware that this feature is lacking and drive sparingly and accordingly. Consult an INEOS dealer as soon as you can. Will also illuminate if the rear and/or front differentials are locked.
A5	Low beams on
A7	High beams on
A6	Front differential lock engaged
A8	Electrical charge
A9	Rear fog lights
B3	Electronic stability control (ESC) off
B1	ESC fault. If you must drive, be aware that this feature is lacking and drive sparingly and accordingly, particularly on slick roads. Consult an INEOS dealer as soon as you can. Will also blink when actively supporting driver.
B5	Brake system fault. If this is illuminated, do not drive your Grenadier. Have it towed to an INEOS dealer.

OVERVIEW

LOCATION	MEANING
B7	Parking brake on. Note that this means only that the brake is on enough to trigger the switch. The parking brake lever may not be pulled enough to keep your Grenadier stationary, particularly on slopes and under heavy loads.
B8	Check the engine. If this is illuminated, limit your driving and consult an INEOS dealer as soon as you can. If the lamp is red, stop driving immediately. Park your Grenadier in a safe place and contact an INEOS dealer to have your Grenadier towed there.
B9	Transmission failure - If there is a fault, do not drive your Grenadier and consult with an INEOS dealer.
B11	Trailer turn signal
C1	Seat Belt Warning. Seated front seat passenger and/or driver is unbuckled or rear seat passenger/passengers unbuckled during driving. Please make sure that all passengers are buckled.
C3	Low tire pressure warning. Pull over. Inspect your tires for damage. Adjust your tire pressure to the recommended level.

LOCATION	MEANING
C4	Air bag fault. If you must drive, be aware that this feature is lacking and drive sparingly and accordingly. Consult an INEOS dealer as soon as you can.
B10	Off-road Mode/Wading Mode engaged
B6	Center differential engaged
C6	Rear differential lock engaged
C7	Low gear indication
C8	Engine oil low
C9	Coolant temperature
C10	Steering system failure. If the lamp is illuminated, stop driving immediately. Park your Grenadier in a safe place and contact an INEOS dealer to have your Grenadier towed there.
C11	Overall warning. If the lamp is red, stop driving immediately. Park your Grenadier in a safe place and contact an INEOS dealer to have your Grenadier towed there.

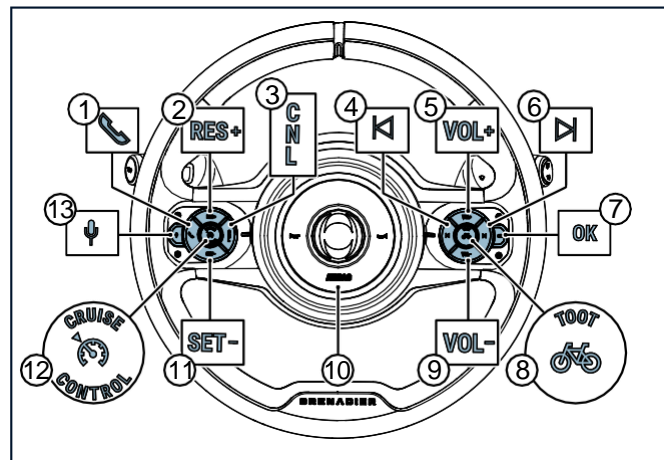
OVERVIEW

LOCATION	MEANING
C2	Forward Collision Warning. If this is illuminated, there is an error in the system or AEB (Automatic Emergency Braking) has been deactivated by the driver. If the lamp is red, the AEB (Automatic Emergency Braking) system detects possible danger.
C5	Front Camera View warning. If this is illuminated, the camera is obstructed and ADAS systems will not be available.

STEERING WHEEL CONTROLS

Your steering wheel has controls that allow you to use common features without taking your hands off the wheel. They are shown below. Most will be familiar because they are found in most modern vehicles. The Toot feature may be unfamiliar. It allows you to briefly

sound a warning, particularly for pedestrians and cyclists, that is less "aggressive" than a horn honk.



1. Answer calls.
2. Resume speed or increase speed, cruise control and downhill assist.
3. Cancel.
4. Previous track or radio station. Long press: track rewind or radio station change.
5. Volume up.

OVERVIEW

6. Next track or radio station. Long press: track fast forward or radio station change.
7. OK/Confirm.
8. Warning tone for cyclists or pedestrians.
9. Volume down.
10. Main horn.
11. Set speed or decrease speed, cruise control and downhill assist.
12. Cruise control standby or deactivate.
13. Voice activation (Apple CarPlay and Android Auto).

Familiarize yourself with these controls before driving. Do not attempt to get acquainted with them while you are underway.

COMPASS WITH ALTIMETER (if equipped)

Your Grenadier may be equipped with a compass and altimeter display on a digital LCD display above the Center Console.

FORWARD AND REAR LAMPS

All external lamps are sealed lamp units with light-emitting diodes (LED) as the light source. The lamp units are not repairable. If a lamp or lamp unit fails, contact your INEOS dealer for a replacement.

Daytime running lamps

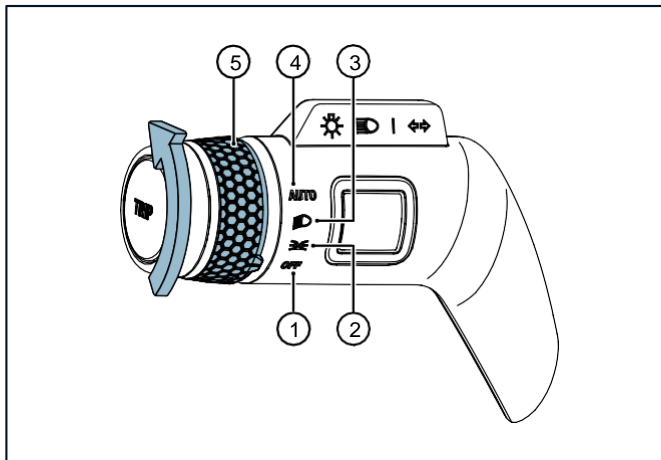
Daytime running lamps increase visibility of your Grenadier during daylight. They are switched on automatically during the daytime when the engine is running. In the United States market, they can be deactivated through the SETTINGS tab.

Headlamp controls

These are on a stalk to the left of the steering column.

OVERVIEW

To switch on the low beam, rotate the end of the left lever stalk to position 3. To switch off the low beam, rotate the end of the lever stalk back to the 'OFF' position; Position 1.



POSITION	STATUS	DESCRIPTION
1	OFF	Low beam lamp functions are switched off.
2	Side Lamps	Side lamps are active.
3	Low Beam	Low beam is activated.

POSITION	STATUS	DESCRIPTION
4	Auto	Switches low beam on automatically when ambient light is low.

Headlamp auto light control

When the automatic light control function is switched on and the engine is running, the system switches between daytime running lamps and low beam headlamps automatically. This depends on the external lighting conditions and the information given by the sensor system.

When entering and leaving a tunnel for example, the low beam headlamps may automatically turn on if there is minimal lighting. They will turn off again when leaving the tunnel and the sensors detect enough daylight. To switch on the automatic light control function, rotate the end of the left lever stalk to position 4.

The auto light control function turns on front low beams and rear lights, the front and rear side marker lights, and the license plate lamp.

Headlamp low beams

Low beams are for use at night in areas illuminated by streetlamps, such as towns and cities and low visibility weather conditions, such as in fog, misty, or snowy conditions. Low beams are also required when other vehicles are driving in front of you. The low beams use an asymmetrical beam to illuminate a shorter distance of the road

OVERVIEW

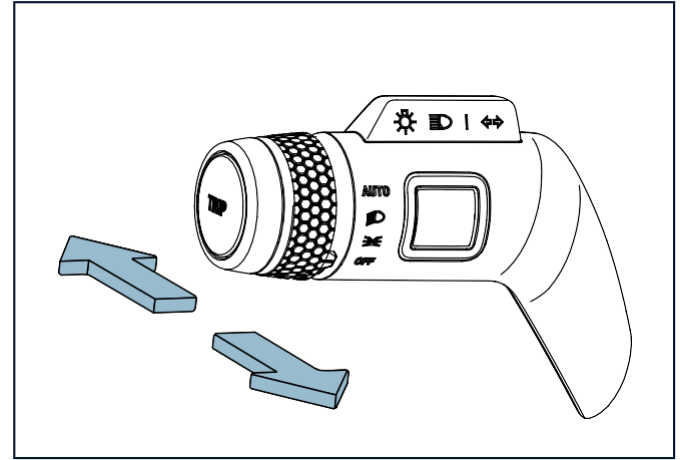
ahead compared to high beam to avoid the blinding of oncoming vehicles.

Headlamp high beams

High beams are used to illuminate the way ahead at night when there are no oncoming road users. To switch on the high beams, push the left lever stalk away from the driver, toward the front of your Grenadier. To switch off the high beam pull the lever stalk toward the driver back into the starting position.



WARNING: Do not use high beams when oncoming traffic is approaching or when following another vehicle. The light may interfere with the other driver's vision. There is a risk of an accident if the oncoming drivers are temporarily blinded.



Headlamp high beam flash

To flash the high beams, pull the left lever stalk toward the driver to activate the headlight and then release back to the starting position to deactivate the headlight. This will result in the headlight flashing on and off once. Repeat for consecutive flashes.

Headlamp range adjustment

You can adjust the range of your headlamps to account for weight distribution that may cause the front of your Grenadier to pitch higher or lower than normal. Always adjust the headlamps to

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maintain adequate illumination of the road and space in front of your Grenadier, without blinding or annoying other drivers and road

users. Turn the thumb wheel  located in the Overhead Control Panel, to the required switch position.

To adjust the headlamps:

1. Park your Grenadier on level ground.
2. Adjust the vertical field of the headlamps according to the load using the thumb wheel.

POSITION	LOAD CONDITION
0	Driver only, or driver and front passenger seats occupied; cargo area empty
1	All seats occupied; cargo area empty
2	All seats occupied by adults; cargo area at maximum
3	Driver only; cargo area at maximum



WARNING: It is important to adjust the headlamp range if a heavy load has lowered the back of your Grenadier and thereby raised the head lamp angle. Failure to adjust the headlamp range may temporarily blind other road users resulting in an accident and in serious injury and death. Always restore their position to 0 once your Grenadier is level again.

Side Marker lamps

Side marker lamps are amber lights on the front corners and red lights on the rear corners of your Grenadier. These can be used when weather (fog, mist, rain, snow) affects visibility. To switch on the side marker lamps, rotate the end of the left lever stalk to position 2. Leaving the side marker lamps on while the engine is switched off will drain the battery.



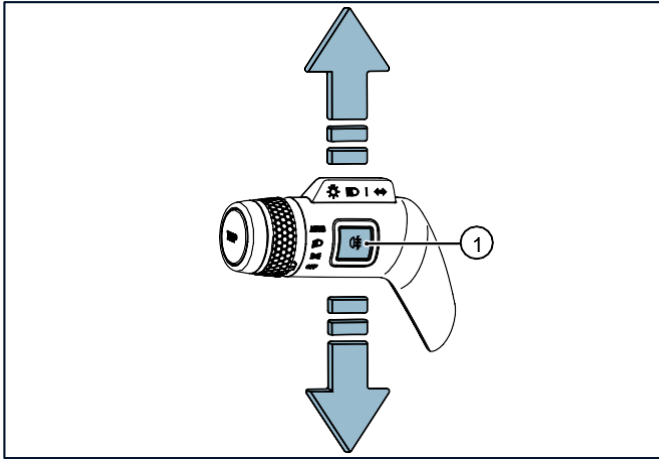
WARNING:

- > When the 30/70 rear doors (if equipped) are open, they block a direct view of all rear lights.
- > Never drive with the 30/70 rear doors (if equipped) or either open so far as to cover a tail light.
- > Never open the 30/70 rear doors (if equipped) at night while stopped on a road or trail, even in an emergency.
- > If you must open the 30/70 rear doors (if equipped) when you are near a road or trail, get well off the travel lanes and put out reflective markers or flares before opening either door.
- > Failure to heed these warnings could lead to someone hitting your Grenadier or people behind it, resulting in an accident, leg amputation(s), other serious injuries and death.

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Turn signals

To briefly signal, push the left lever stalk upward or downward and release. To indicate continuously push the left lever stalk upward or downward, until the left lever stalk latches into position, giving a turn signal. To cancel, move the lever stalk back to the starting position.



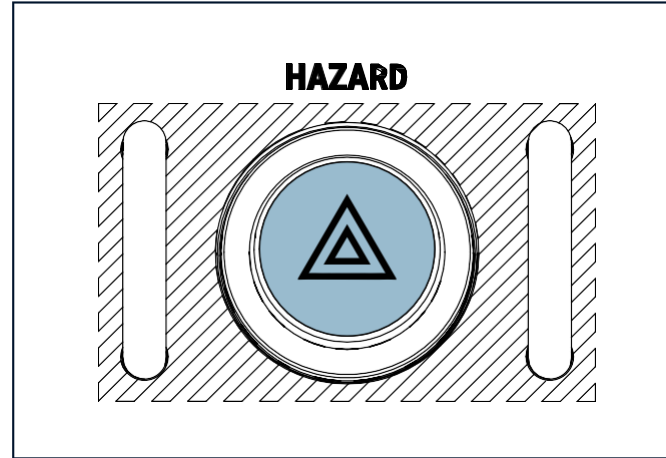
Hazard signal

Press the hazard warning lamp button, located on the Center Control panel, to activate the hazard warning lamps. When the hazard

warning lamps are switched on, all direction indicator signals will flash. Press the button again, to switch the hazard warning lamps off.



NOTE: When the ignition is switched off, the hazard warning lamps will continue to operate.



OVERVIEW

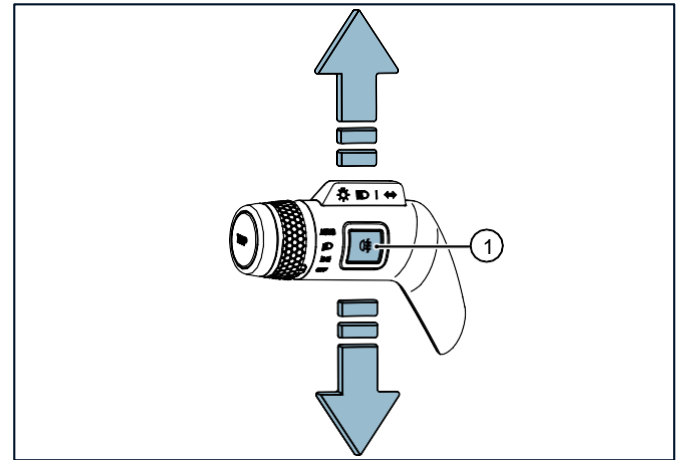


WARNING:

- > *When the 30/70 rear doors (if equipped) are open, they block a direct view of all rear lights, including the hazard lights.*
- > *Never open the 30/70 rear doors (if equipped) at night while stopped on a road or trail, even in an emergency.*
- > *If you must open the 30/70 rear doors (if equipped) when you are near a road or trail, get well off the travel lanes and put out reflective markers or flares before opening either door.*
- > *Failure to heed these warnings could lead to someone hitting your Grenadier or people behind it, resulting in an accident, leg amputation(s), other serious injuries and death.*

Rear fog lights

The rear fog lights  are operated by pressing button (1) on the stalk.



The rear fog light is for use in Reverse while in fog or other adverse weather conditions with low visibility.



WARNING: Remember to switch off the rear fog light when it not needed. It can blind or distract other drivers.

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Reverse lights

When the ignition is set to ON and the Reverse gear is selected, the reverse lights will illuminate.

LED auxiliary lights


The Grenadier as standard is fitted with LED Auxiliary Lights. These LED auxiliary high beam lights are in the front grill and are designed for off-road use only.

The LED Auxiliary Lights can only be activated with the high beam switched on and Off-Road or Wading mode is active.




WARNING: The LED Auxiliary Lights are for use only off road when local laws and regulations permit. They are strictly for off-road purposes and could temporarily blind drivers in oncoming traffic.

To Activate LED Auxiliary Lights:

1. Switch on the ignition and press the auxiliary light button  in the Overhead Control Panel.
2. The LED in the button will be illuminated to show the system is active.
3. When the headlights are turned on, the auxiliary lights will now also be illuminated.

To Deactivate LED Auxiliary Lights:


1. Press the auxiliary light button  in the Overhead Control Panel.
2. The LED in the button will be switch off.

Puddle lamps

When a door is opened, the respective puddle lamp will automatically switch on from the underside of the door. If the door is closed, then the door puddle lamp will switch off. Puddle lamps will switch off after ten minutes if a door is left open and the ignition is off.

INTERIOR LAMPS

Interior lamps include first row and second row reading lamps. Pressing the button nearest each reading lamp will toggle that lamp on and off. One may turn on all the lamps at once by pressing the


interior lamp switch  located on the Overhead Control Panel between the front seats. When the interior lamps feature is switched on, a small LED lamp will illuminate on the button.

The first row reading lamps are in the Overhead Control Panel, between the driver and front passenger.

The second-row lamps are in the center of the headliner. Each lamp has a switch with a diamond texture.

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Turn on door ajar lamps by pressing the Automatic Interior Lamps

switch  located on the Overhead Control Panel between the front seats. When the Automatic Interior Lamps feature is switched on, a small LED lamp will illuminate on the button. If the Automatic Interior Lamps switch is active, the first row and second row reading lamps switch on if a door is opened, even though the reading lamp or interior lamp switches are off. All lights are turned on/off simultaneously.



WARNING: Interior lamp light can interfere with a driver's ability to see outside at night. Use these only when absolutely necessary while your Grenadier is being driven. Failure to heed this warning could lead to an accident and to serious injury and death.

Cargo Lamp (if equipped)

The cargo lamp is in the headliner at the rear of your Grenadier. It will illuminate when the Rear 30/70 Doors are opened. The cargo lamp will extinguish when the Rear 30/70 Doors are closed.

Quartermaster Loadbay Lamp and 12v Power Outlet (if equipped)



WARNING: It may not be legal to drive the vehicle with the Loadbay Lamp illuminated. The Loadbay Lamp should be switched off before driving the vehicle on public roads. Check local laws and regulations.



WARNING: When washing the Loadbay do not spray or expose the Loadbay Lamp to any cleaning solutions or chemicals. Failure to do so may result in damage to the Loadbay Lamp and/or the touch lens.

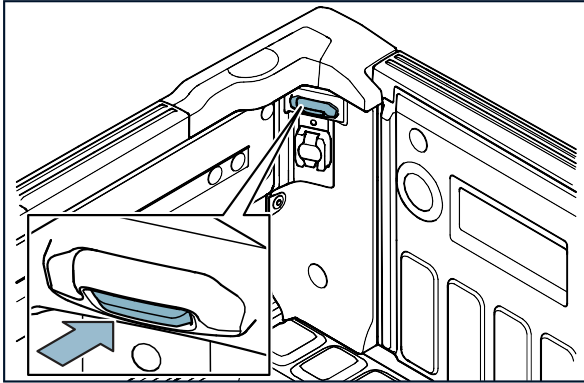


WARNING: Avoid hosing down or washing the Loadbay Lamp. Using a hose or pressure washer on the Loadbay Lamp can cause damage to the Lamp, Lamp lens and/or vehicle components.

To activate the Quartermaster Loadbay Lamp, follow this procedure:

1. Switch the vehicle ignition ON
2. Switch the PWR button located in the Overhead Console to ON
3. Touch the white lens area of the Loadbay Lamp with your hand for 2 seconds.

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To deactivate the Quartermaster Loadbay Lamp, follow this procedure:

1. Touch the illuminated lens of the Loadbay Lamp with your hand for more than 1 second.
2. Switch OFF the PWR button located in the Overhead Console.

i *NOTE: If the Loadbay Lamp is not switched off manually, it may automatically switch OFF after 60 minutes.*

i *NOTE: The Loadbay Lamp's capacitive sensor, is designed to minimize the risk of the lamp turning ON from self capacitance during rain and water wash, although, it's not guaranteed to work in all user cases.*

i *NOTE: Wipe any excess water from the white lens surface and ensure hands are dry when switching ON or OFF the Loadbay Lamp.*

i *NOTE: If the supply battery voltage drops below 10v, elevates above 16v or the engine is cranked, then the Loadbay Lamp may switch OFF automatically.*

i *NOTE: Clear the Loadbay Lamp of dirt, debris and/or ice, before touching to switch ON or OFF the Loadbay Lamp.*

i *NOTE: Gloves must be removed before switching ON or OFF the Loadbay Lamp.*

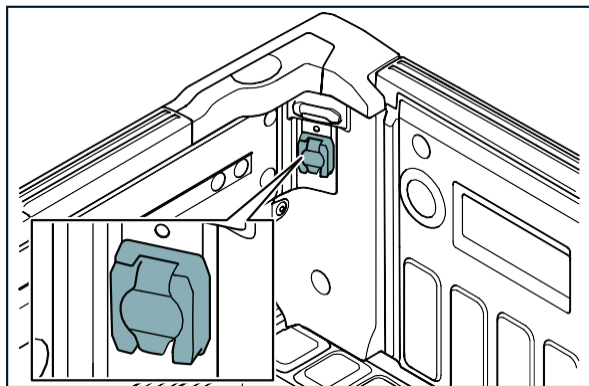
! **WARNING:** Avoid hosing down or washing the Loadbay 12v Power Outlet. Using a hose or pressure washer on the Loadbay 12v Power Outlet can cause damage to the outlet and/or vehicle components.

! **WARNING:** Ensure the Loadbay Power Outlet is free of dirt, debris, or ice before connecting any electrical devices. Failing to do so could damage the Loadbay Power Outlet or cause injury, potentially leading to serious harm or even death.

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To activate the Quartermaster Loadbay 12v Power Outlet, follow this procedure:

1. Switch the vehicle ignition ON
2. Switch the PWR button located in the Overhead Console to ON
3. Plug in the electrical device.



To deactivate the Quartermaster Loadbay 12v Power Outlet, follow this procedure:

1. Switch the PWR button located in the Overhead Console to OFF
2. Unplug the electrical device.



NOTE: Wipe any excess water from the Loadbay 12v Power Outlet area and ensure hands are dry when switching plugging in any electrical device to the Loadbay 12v Power Outlet.



NOTE: Loadbay 12v Power Outlet rating: 120W / 12v.



NOTE: The Loadbay 12V Power Outlet fuse is a 15A mini fuse, located in the Cockpit Electrical Centre Fuse Box as fuse FC23.

OTHER CONTROLS

Windshield Wipers

The right stalk controls your Grenadier wipers, wash, and wipe function. The front wipers are controlled by pushing the stalk up or

