

BRP 715004445

BRP Can-Am Defender HD8 HD10 3-Mode Switch (Part No. 715004445) User Manual

Model: 715004445

1. INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of your BRP Can-Am Defender 3-Mode Switch. This switch allows you to select between Work, Normal, and Eco modes, optimizing your vehicle's performance for various conditions. Please read this manual thoroughly before installation and use to ensure proper function and safety.

2. SAFETY INFORMATION

Always ensure the vehicle's ignition is off and the battery is disconnected before performing any installation or maintenance. Improper installation can lead to electrical damage or vehicle malfunction. If you are unsure about any step, consult a qualified technician.

3. PRODUCT OVERVIEW

The BRP Can-Am Defender 3-Mode Switch (Part No. 715004445) is designed for seamless integration into compatible Can-Am Defender and Defender MAX models. It provides quick and convenient selection between three distinct operational modes:

- **Work Mode:** Reduces throttle sensitivity for smoother acceleration and minimizes load impact, ideal for precision tasks or heavy hauling.
- **Eco Mode:** Optimizes engine parameters for increased fuel economy, suitable for extended rides or when conserving fuel is a priority.
- **Normal Mode:** Provides standard vehicle performance for general driving conditions.

This switch features an in-dash plug-and-play mount for straightforward installation.



Figure 1: Front view of the BRP Can-Am 3-Mode Switch. The switch face clearly displays the 'WORK MODE', 'NORMAL', and 'ECO' selections.

4. SETUP AND INSTALLATION

1. **Vehicle Preparation:** Ensure your Can-Am Defender or Defender MAX vehicle is turned off and the ignition key is removed. Disconnect the negative terminal of the vehicle's battery to prevent accidental electrical shorts.
2. **Locate Installation Slot:** Identify an available in-dash switch slot in your vehicle. This switch is designed for a standard in-dash mount.
3. **Identify Connector:** Locate the correct wiring harness connector under the dashboard. The switch is plug-and-play, meaning it will connect directly to a dedicated harness. When connected correctly, the switch may illuminate.
4. **Connect Switch:** Carefully align the pins on the back of the 3-mode switch with the corresponding slots in the vehicle's wiring harness connector. Push firmly until the connection is secure.
5. **Mount Switch:** Insert the switch into the chosen in-dash slot. Ensure it clicks into place securely.
6. **Reconnect Battery:** Reconnect the negative terminal of the vehicle's battery.
7. **Test Functionality:** Turn on the vehicle's ignition and test the switch by cycling through the Work, Normal, and Eco modes. Observe if the vehicle's behavior changes as expected for each mode.

Compatibility: This switch is compatible with Can-Am Defender and Defender MAX models. It is standard on 2020 models and can be an upgrade for earlier compatible models.



Figure 2: Rear view of the BRP Can-Am 3-Mode Switch, illustrating the electrical connectors for plug-and-play installation.



Figure 3: The BRP Can-Am 3-Mode Switch shown installed in a vehicle's dashboard, demonstrating its integrated appearance.

5. OPERATING INSTRUCTIONS

To operate the 3-Mode Switch, simply press the desired mode button on the switch face. The selected mode will typically be indicated by illumination or a clear label on the switch.

- **Work Mode:** Select this mode for tasks requiring precise throttle control, such as towing, plowing, or navigating challenging terrain at low speeds. The reduced throttle sensitivity helps prevent sudden movements.
- **Normal Mode:** This is the default mode for everyday driving and general use. It provides a balanced performance suitable for most situations.
- **Eco Mode:** Choose Eco Mode when fuel efficiency is a priority. This mode adjusts engine mapping to reduce fuel consumption, ideal for long-distance travel or light-duty operations.

You can switch between modes while the vehicle is running. Observe your vehicle's response to confirm the mode change.

6. MAINTENANCE

The BRP Can-Am 3-Mode Switch is designed for durability and requires minimal maintenance. To ensure optimal performance and longevity:

- **Cleaning:** Keep the switch face and surrounding dashboard area clean. Use a soft, damp cloth to wipe away dust and debris. Avoid harsh chemicals or abrasive cleaners.
- **Connection Check:** Periodically inspect the electrical connections behind the dash to ensure they remain secure and free from corrosion.
- **Environmental Protection:** While the switch has an IP65 rating for protection against dust and low-pressure water jets, avoid prolonged exposure to extreme moisture or direct high-pressure washing.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Switch does not function / No mode change	Loose or incorrect electrical connection. Blown fuse in the vehicle's electrical system. Incompatible vehicle model. Defective switch.	Verify the switch is securely plugged into the correct harness connector. Check the vehicle's fuse box for any blown fuses related to accessories or engine control. Confirm your vehicle model (Defender, Defender MAX) is listed as compatible. If all connections are secure and fuses are good, the switch may be faulty and require replacement.
Switch illuminates but modes do not change	Internal switch malfunction. Vehicle's ECU not receiving signal.	Ensure the vehicle is running when attempting to change modes. Consult a BRP service center for diagnosis of the vehicle's electrical system or ECU.
Received incorrect part	Packaging error from supplier.	Verify the part number (715004445) on the packaging and the switch itself matches your order. Contact your retailer for a replacement if incorrect.

8. SPECIFICATIONS

Feature	Detail
Brand	BRP
Model Number	715004445
Operation Modes	Work, Normal, Eco
Current Rating	20 Amps
Operating Voltage	12 Volts
Contact Type	Normally Open
Connector Type	Plug In
Circuit Type	3-way

Feature	Detail
Actuator Type	Push Button
Contact Material	Metal
International Protection Rating	IP65
Number of Positions	3
Product Dimensions (L x W x H)	9 x 6 x 4 inches
Item Weight	0.01 ounces
UPC	787421017397

9. WARRANTY INFORMATION

Specific warranty details for this BRP product are not provided in the available information. Please refer to the official BRP website or contact your authorized BRP dealer for comprehensive warranty terms and conditions.



10. CUSTOMER SUPPORT

For further assistance, technical support, or inquiries regarding your BRP Can-Am Defender 3-Mode Switch, please contact your authorized BRP dealer or visit the official BRP customer support channels. Ensure you have your product model number (715004445) and vehicle information ready when seeking support.



Figure 4: Official Can-Am and BRP logos.

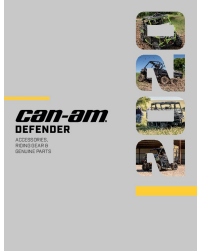
Related Documents - 715004445

	<p>BRP VIBE Communication System User Guide</p> <p>Explore the BRP VIBE Communication System with this comprehensive user guide. Learn about installation, features, basic functions, troubleshooting, and warranty information for your helmet communication device.</p>
	<p>BRP Spyder 2025 3-Wheel Vehicle Specifications</p> <p>Detailed specifications and features for the 2025 BRP Spyder line of 3-wheel vehicles, highlighting the BRP Connect infotainment system and Apple CarPlay compatibility.</p>



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[Can-Am Defender MAX Rear Door Kit Installation Manual](#)

Comprehensive installation guide for the RIVAL Rear Door Kit designed for BRP Can-Am Defender MAX (2016-) vehicles. Provides detailed steps, parts lists, and hardware information for a successful assembly.