

# Installation Instructions



## Bendix® Intellipark® Dash Electronic Control Unit (DECU) Switch Cap Replacement Kit

### GENERAL

This document provides replacement instructions for a Bendix® Intellipark® Dash Electronic Control Unit (DECU) switch cap. The aftermarket service kit, Bendix Part Number K311999, includes one (1) DECU switch cap and two (2) switch labels. See *Figure 1*.



Figure 1 – DECU Switch Cap Kit Contents

### DECU SWITCH CAP REPLACEMENT



#### WARNING

Prior to performing this procedure, follow all general safety guidelines in this document and in *SD-03-1189, Bendix® Intellipark® Electronic Park Brake (EPB) System Service Data Sheet*, on B2Bendix.com.

**NOTE:** There are four (4) different configurations of the Intellipark DECU:

- Towing Vehicles: Two-switch horizontal configuration
- Towing Vehicles: Two-switch vertical configuration
- Non-towing Vehicles: One-switch horizontal configuration
- Non-towing Vehicles: One-switch vertical orientation

See *Figure 2* for the horizontal towing configuration. The replacement instructions are the same for any switch cap.



Figure 2 – Horizontal Towing DECU

**NOTE:** Although the figures depict the DECU removed from the vehicle, removal of the DECU is not required to replace the switch cap.



#### IMPORTANT

Prior to removal, note the orientation of the switch cap and label. The replacement switch cap and label must be installed in the same orientation as the removed switch cap and label.

1. See *Figure 3*. Taking care not to damage the switch housing, use a plastic trim removal tool to dislodge the tabs of the switch cap from the shaft. Remove and discard the switch cap.
2. Install the new switch cap by pushing the tabs of the cap over the ends of the shaft. Ensure the new switch cap is installed in the same orientation as the removed switch cap.
3. Apply the correct replacement label to the switch cap, matching the orientation of the original.



#### WARNING

Failure to properly orient the switch cap may cause the switch to operate opposite of its intended function. As a result, the applied label may not accurately represent switch operation.

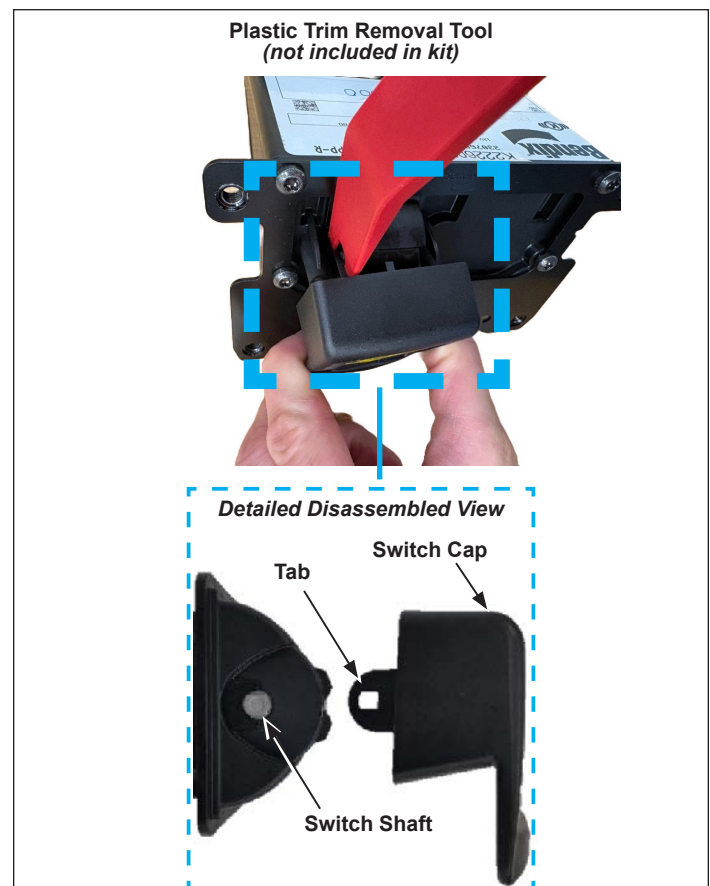


Figure 3 – Removing the Switch Cap



## GENERAL SAFETY GUIDELINES



**! WARNING! PLEASE READ AND FOLLOW THESE INSTRUCTIONS !**

**TO AVOID PERSONAL INJURY OR DEATH:**

When working on or around a vehicle, the following guidelines should be observed **AT ALL TIMES**:

- ▲ Park the vehicle on a level surface, apply the parking brakes, and always block the wheels. Always wear personal protection equipment.
- ▲ Stop the engine and remove the ignition key when working under or around the vehicle. When working in the engine compartment, the engine should be shut off and the ignition key should be removed. Where circumstances require that the engine be in operation, **EXTREME CAUTION** should be used to prevent personal injury resulting from contact with moving, rotating, leaking, heated, or electrically charged components.
- ▲ Do not attempt to install, remove, disassemble, or assemble a component until you have read, and thoroughly understand, the recommended procedures. Use only the proper tools and observe all precautions pertaining to use of those tools.
- ▲ If the work is being performed on the vehicle's air brake system, or any auxiliary pressurized air systems, make certain to drain the air pressure from all reservoirs before beginning ANY work on the vehicle. If the vehicle is equipped with a Bendix® AD-IS® air dryer system, a Bendix® DRM™ dryer reservoir module, a Bendix® AD-9si®, AD-HF®, or AD-HFi® air dryer, be sure to drain the purge reservoir.
- ▲ Following the vehicle manufacturer's recommended procedures, deactivate the electrical system in a manner that safely removes all electrical power from the vehicle.
- ▲ Never exceed manufacturer's recommended pressures.
- ▲ You should consult the vehicle manufacturer's operating and service manuals, and any related literature, in conjunction with the Guidelines above.
- ▲ Never connect or disconnect a hose or line containing pressure; it may whip and/or cause hazardous airborne dust and dirt particles. Wear eye protection. Slowly open connections with care, and verify that no pressure is present. Never remove a component or plug unless you are certain all system pressure has been depleted.
- ▲ Use only genuine Bendix® brand replacement parts, components, and kits. Replacement hardware, tubing, hose, fittings, wiring, etc. must be of equivalent size, type, and strength as original equipment and be designed specifically for such applications and systems.
- ▲ Components with stripped threads or damaged parts should be replaced rather than repaired. Do not attempt repairs requiring machining or welding unless specifically stated and approved by the vehicle and component manufacturer.
- ▲ Prior to returning the vehicle to service, make certain all components and systems are restored to their proper operating condition.
- ▲ For vehicles with Automatic Traction Control (ATC), the ATC function must be disabled (ATC indicator lamp should be ON) prior to performing any vehicle maintenance where one or more wheels on a drive axle are lifted off the ground and moving.
- ▲ The power **MUST** be temporarily disconnected from the radar sensor whenever any tests **USING A DYNAMOMETER** are conducted on a vehicle equipped with a Bendix® Wingman® system.

For technical support, contact the Bendix Tech Team by email at [techteam@bendix.com](mailto:techteam@bendix.com) or by phone at 1-800-AIR-BRAKE (1-800-247-2725), Monday through Thursday, 8:00 a.m. to 6:00 p.m., and Friday, 8:00 a.m. to 5:00 p.m. ET.

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