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DNA MOTORING OEM-SW-0028

DNA MOTORING OEM-SW-0028 Combination Switch User Manual

Brand: DNA MOTORING | Model: OEM-SW-0028

INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of your DNA MOTORING OEM-SW-0028 Combination Switch. Please read these instructions carefully before proceeding with installation or use to ensure proper function and safety. This switch is designed as a direct replacement for specific vehicle models, integrating headlight dimming and turn signal functionalities.

PRODUCT OVERVIEW

What's in the Box

- 1 x Combination Switch

Key Features

- Direct replacement for factory unit.
- Identical mounting and connectors to Original Equipment (OE).
- High-quality copper, nickel, or silver-plated electrical terminals for reliable connection.
- Integrates headlight dimming and turn signal functions.



Image 1: Front view of the DNA MOTORING OEM-SW-0028 Combination Switch, showing the control stalk with symbols for headlights, auto mode, and turn signals.

COMPATIBILITY

This combination switch is compatible with the following vehicle models:

- Chevy Malibu: 2004-2011
- Pontiac G6: 2005-2010
- Saturn Aura: 2007-2009

For use with GM Retrofit Switch and Bracket. Please verify your vehicle's make, model, and year to ensure proper fitment.

SPECIFICATIONS

Specification	Value
Model Number	OEM-SW-0028
Reference Part Numbers	CBS1333, 1S10637, SM217E, 15913467
Operation Mode	ON-ON-OFF
Current Rating	50 Amps
Operating Voltage	12 Volts
Contact Type	Normally Closed
Connector Type	Plug In
Material	ABS Plastic, Copper, Metal
Dimensions (L x W x H)	9 x 5 x 4 inches
Item Weight	6 ounces
Color	Black

SETUP AND INSTALLATION

Installation of this combination switch typically involves working with vehicle electrical systems and steering column components. **Professional installation is highly recommended** to ensure correct wiring, proper function, and to avoid damage to the vehicle or the new component.

General Installation Steps (Consult a professional or vehicle-specific service manual for detailed instructions):

1. **Safety First:** Disconnect the vehicle's battery to prevent electrical shorts or accidental airbag deployment.
2. **Access:** Carefully remove the necessary trim panels and covers around the steering column to access the existing combination switch.
3. **Removal:** Disconnect the electrical connectors from the old switch. Unfasten any mounting screws or clips securing the old switch and remove it.
4. **Installation:** Position the new DNA MOTORING OEM-SW-0028 switch into place, ensuring it aligns correctly with the mounting points. Secure it with the original screws or clips.

5. **Connection:** Reconnect all electrical connectors to the new switch. Ensure connections are secure and fully seated.
6. **Reassembly:** Reinstall all trim panels and covers removed earlier.
7. **Testing:** Reconnect the vehicle's battery. Test all functions of the new combination switch (headlights, high beams, turn signals, wipers if applicable) before driving.



Image 2: Rear view of the combination switch, highlighting the multiple electrical connectors for vehicle integration.



Image 3: Detailed view of the electrical connector ports on the combination switch, showing pin configurations.

OPERATING INSTRUCTIONS

The DNA MOTORING OEM-SW-0028 Combination Switch integrates several vehicle control functions into a single stalk, typically located on the left side of the steering column.

Turn Signal Operation

- **Left Turn:** Push the stalk **downward** until it clicks into place. The left turn signal will flash.
- **Right Turn:** Push the stalk **upward** until it clicks into place. The right turn signal will flash.
- **Lane Change (Momentary):** Lightly push the stalk up or down without clicking it into place. The turn signal will flash a few times and then automatically cancel.
- **Cancel:** The turn signal will typically cancel automatically after completing a turn. To manually cancel, move the stalk back to the neutral (center) position.

Headlight and Dimming Control

The end of the stalk features a rotating collar or button for headlight control, and the stalk itself controls high beams.

- **Headlight ON/OFF:** Rotate the collar on the end of the stalk to select desired headlight mode (e.g., OFF, Parking Lights, Headlights ON, AUTO). Refer to the symbols on the switch for specific positions.
- **AUTO Mode:** If equipped, selecting 'AUTO' allows the vehicle's sensors to automatically turn headlights on or off based on ambient light conditions.
- **High Beams:** Push the stalk **forward** (away from you) to activate high beams. Pull the stalk **backward** (towards you) to deactivate high beams or to flash the high beams momentarily.



Image 4: Close-up view of the control stalk, showing the symbols for headlight settings (OFF, Parking, ON, AUTO) and turn signal arrows.

MAINTENANCE

The DNA MOTORING OEM-SW-0028 Combination Switch is designed for durability and requires minimal maintenance. Regular inspection and proper care can extend its lifespan.

- **Cleaning:** Use a soft, dry cloth to wipe the surface of the switch. Avoid using harsh chemicals or abrasive cleaners, as these can damage the plastic and printed symbols.
- **Inspection:** Periodically check the switch for any signs of physical damage, loose connections, or unusual operation (e.g., sticking, excessive play).

- **Professional Check:** If you notice any persistent issues with the switch's functionality, consult a qualified automotive technician for diagnosis and repair.

TROUBLESHOOTING

If you experience issues with your combination switch, consider the following common troubleshooting steps:

- **Turn Signals Not Working:**
 - Check vehicle fuses related to turn signals.
 - Verify that the turn signal bulbs are not burnt out.
 - Ensure the switch stalk is fully engaged in the desired position.
- **Headlights Not Functioning Correctly:**
 - Check vehicle fuses for headlights.
 - Inspect headlight bulbs for damage.
 - Confirm the switch is in the correct position (e.g., not in 'OFF' or 'Parking Lights' when expecting full headlights).
- **Intermittent Operation:**
 - This could indicate a loose electrical connection. Re-check the connectors at the back of the switch.
 - Internal wear of the switch may be occurring.

If troubleshooting steps do not resolve the issue, it is recommended to seek assistance from a certified automotive technician.

SAFETY INFORMATION

- Always disconnect the vehicle's battery before performing any electrical work or component replacement to prevent injury or damage.
- Ensure all connections are secure and properly insulated to prevent short circuits.
- This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm (Proposition 65 warning). Wash hands after handling.
- Do not attempt to modify the switch or its wiring, as this may lead to malfunction or safety hazards.

WARRANTY AND SUPPORT

For information regarding product warranty, returns, or technical support, please refer to the documentation provided with your purchase or contact DNA MOTORING customer service directly. Keep your purchase receipt as proof of purchase.

You can visit the [DNA MOTORING Store](#) for additional product information and support resources.