

- Manuals.plus /
- › [Dorman](#) /
 - › Dorman 49300 Turn Signal Canceling Cam Instruction Manual

Dorman 49300

Dorman 49300 Turn Signal Canceling Cam Instruction Manual

Model: 49300

1. PRODUCT OVERVIEW

The Dorman 49300 Turn Signal Canceling Cam is a direct replacement component engineered to restore the proper function of your vehicle's turn signal system. This part is designed to match the fit and function of the original cam on specified vehicles, ensuring reliable performance and a long service life.



Image 1.1: Dorman 49300 Turn Signal Canceling Cam, showing the main component.

Key features include:

- **Direct Replacement:** Matches the fit and function of the original equipment.
- **Restores Functionality:** Addresses issues caused by worn or damaged original components.
- **Durable Construction:** Manufactured from quality materials for extended reliability.
- **Vehicle Specific Fit:** Designed for compatibility with select vehicle models.

2. WHAT'S IN THE BOX

The Dorman 49300 package typically includes the following components:

- Turn Signal Canceling Cam (2 units, as per product title "2 Pack")
- Associated springs (as depicted in product images and customer reviews)

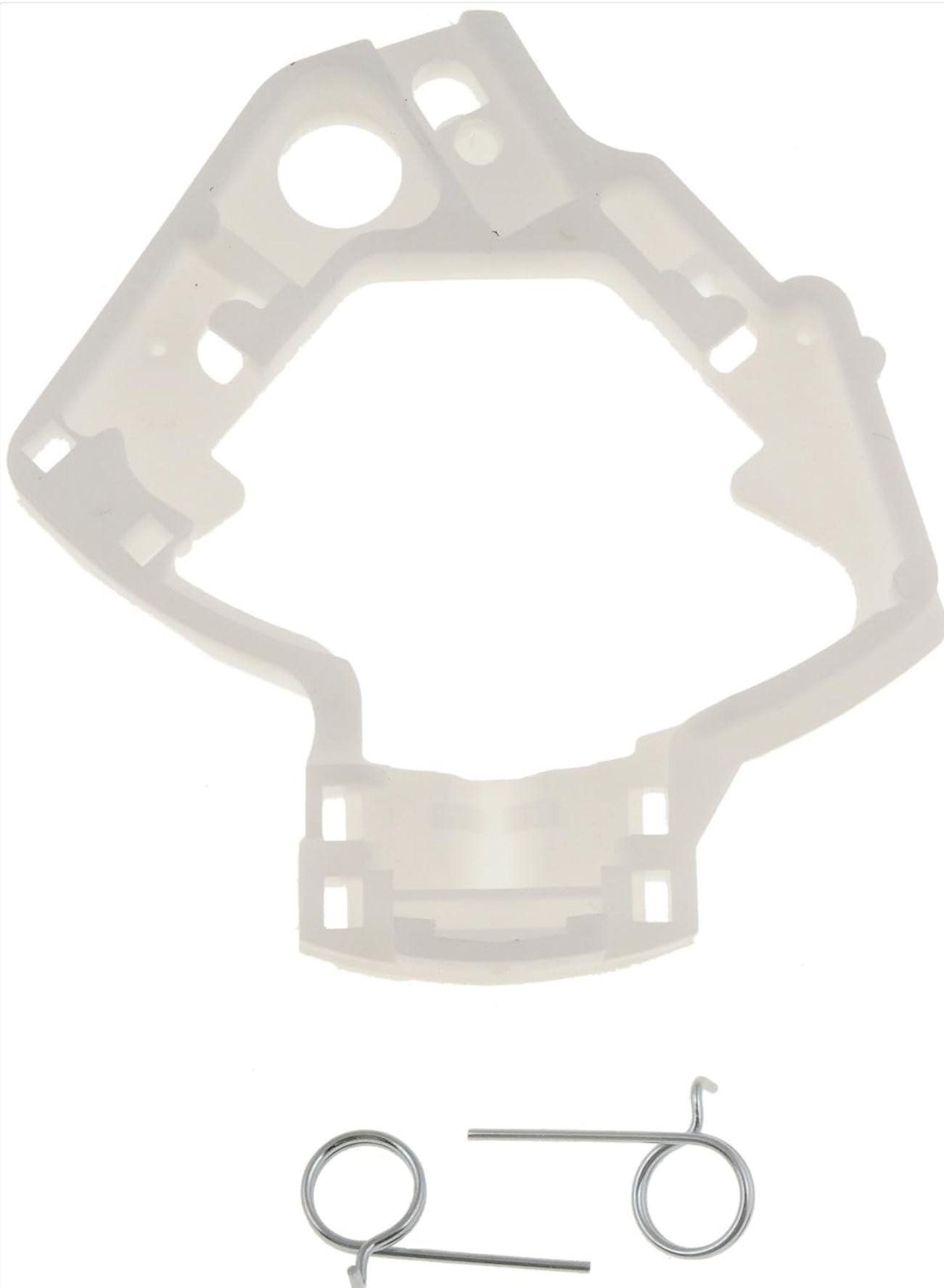


Image 2.1: Components of the Dorman 49300 package, including the canceling cam and springs.

Note: Contents may vary slightly. Please verify all components are present upon opening the package.

3. SPECIFICATIONS

Attribute	Detail
Brand	Dorman
Model Number	49300
Product Type	Turn Signal Canceling Cam
Material	Quality materials (e.g., plastic, metal for springs)
Dimensions (L x W x H)	Approximately 5.5 x 3.6 x 1 inches
Item Weight	Approximately 0.96 ounces
Vehicle Service Type	Car (Vehicle Specific Fit)
UPC	037495493000
OEM Part Number Cross-reference	1964784; 1964785

4. INSTALLATION INSTRUCTIONS

Important Safety Notice: Automotive repairs can be complex and may require specialized tools and knowledge. If you are not confident in your ability to perform this installation safely and correctly, it is recommended to seek assistance from a qualified automotive technician.

This Dorman 49300 Turn Signal Canceling Cam is designed as a direct replacement. The installation process typically involves accessing the steering column to replace the existing cam. Specific steps may vary significantly depending on your vehicle's make, model, and year.

1. **Preparation:**

- Ensure the vehicle is parked on a level surface with the parking brake engaged.
- Disconnect the vehicle's battery to prevent accidental electrical shorts or airbag deployment.
- Gather necessary tools, which may include screwdrivers, socket wrenches, steering wheel puller, and retaining ring pliers.

2. **Access the Steering Column:**

- Carefully remove the steering wheel. This often requires a steering wheel puller.
- Remove any covers or components that obstruct access to the turn signal switch assembly and canceling cam.

3. **Remove the Old Cam:**

- Locate the existing turn signal canceling cam. Observe its orientation and how it interacts with the turn signal lever and steering column.
- Carefully remove the old cam and any associated springs or retaining clips. Note the position of the springs.

4. Install the New Cam:

- Position the new Dorman 49300 Turn Signal Canceling Cam in the same orientation as the original.
- Ensure the springs are correctly seated to allow for proper canceling action.
- Secure the cam and any retaining components.

5. Reassembly and Testing:

- Reinstall all removed covers, the steering wheel, and reconnect the battery.
- Test the turn signals in both directions to ensure they engage and cancel correctly after the steering wheel returns to the center position.
- Verify all other steering column functions are operating as expected.

For detailed, vehicle-specific instructions, consult your vehicle's service manual or a reputable automotive repair guide.

5. OPERATION

The turn signal canceling cam is a critical component within the steering column that ensures your turn signals automatically switch off after completing a turn. When the turn signal lever is activated, the cam engages. As the steering wheel is returned to the straight-ahead position after a turn, a tab on the steering wheel or column contacts the cam, causing it to disengage the turn signal switch, thus canceling the signal.

Proper operation of the Dorman 49300 cam will result in the turn signal lever returning to its neutral position and the turn signal lights deactivating once the steering wheel is straightened.

6. MAINTENANCE

The Dorman 49300 Turn Signal Canceling Cam is designed for long-term, maintenance-free operation. As an internal component of the steering column, it is not subject to regular user maintenance.

- **Inspection:** During any steering column service, visually inspect the cam for signs of wear, cracks, or damage.
- **Cleaning:** Keep the area around the cam free from excessive dirt or debris if the steering column is exposed during other repairs.

If the cam shows signs of wear or damage, replacement is recommended to maintain proper turn signal functionality.

7. TROUBLESHOOTING

If you experience issues with your turn signals after installing or while using the Dorman 49300 Turn Signal Canceling Cam, consider the following troubleshooting steps:

- **Turn Signal Does Not Cancel:**
 - Verify the cam is correctly installed and oriented.
 - Check if the springs are properly seated and providing tension.
 - Inspect for any obstructions preventing the steering wheel tab from contacting the cam.
 - Ensure the turn signal switch itself is not faulty.
- **Intermittent Canceling:**
 - This could indicate minor misalignment or wear on the cam or the steering column components.

- Re-check installation for proper seating of all parts.

- **Difficulty Engaging Turn Signal:**

- While less common for the cam itself, ensure no part of the cam is interfering with the turn signal lever's movement.
- This symptom is more often related to the turn signal switch or lever mechanism.

If troubleshooting does not resolve the issue, professional diagnosis by a qualified technician is recommended.

8. WARRANTY AND SUPPORT

Dorman products are backed by over a century of automotive experience and a commitment to quality. For specific warranty information or technical support regarding your Dorman 49300 Turn Signal Canceling Cam, please refer to the official Dorman website or contact Dorman customer service directly.

Contact Information:

- **Dorman Website:** www.dormanproducts.com
- Refer to the website for the most current contact details and support resources.

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