



Manuals.plus /

- > [Dorman](#) /
- > Dorman 937-654 Front Driver Side Door Lock Actuator Motor Instruction Manual

Dorman 937-654

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Brand: Dorman | Model: 937-654

1. PRODUCT OVERVIEW

The Dorman 937-654 Front Driver Side Door Lock Actuator Motor is a precision-engineered component designed to provide reliable and consistent door locking and unlocking functionality. This actuator has undergone extensive quality and safety testing to ensure dependable performance and is specifically designed as a direct replacement for the stock actuator on compatible Ford and Lincoln vehicles. Its robust construction and adherence to safety standards make it a trustworthy solution for restoring proper door operation.

2. PACKAGE CONTENTS

- 1 x Dorman 937-654 Door Lock Actuator

3. SPECIFICATIONS

Attribute	Value
Brand	Dorman
Model Name	Dorman 937-654: Door Lock Actuator - Integrated With Latch
Item Model Number	937-654
Material	Plastic
Color	Black
Item Dimensions (L x W x H)	7.3 x 3.9 x 5.2 inches
Item Weight	1.39 pounds

Lock Type	Combination Lock
Special Feature	Key Lock
Number of Pieces	1
OEM Part Numbers	DLA1611; DLA1635; DLA888; DLA912; CM5Z54219A65E; CP9Z5421813A; CP9Z54219A65B; EJ7Z5821813A

4. KEY FEATURES & BENEFITS

- **Reliable Replacement:** This door lock actuator has undergone extensive quality and safety performance testing to ensure dependable operation.
- **Perfect Fit:** Engineered to provide the same fit and function as the original actuator on specific vehicle years, makes, and models.
- **Safety Compliant:** The part has undergone simulated crash testing under government guidelines, meeting Federal Motor Vehicle Safety Standards (FMVSS #206) for tensile strength and inertia.
- **Long-Lasting Repair:** Cycle testing in an actual vehicle door verifies effective usage for years, with Dorman actuators tested up to 20,000 cycles.
- **Upgraded Materials:** High-wear components are made from upgraded plastics with improved internal lubrication, and integrated DLAs feature corrosion-resistant electronics and connectors for enhanced durability.

5. SETUP & INSTALLATION

The Dorman 937-654 door lock actuator is designed for direct replacement. While it is engineered for a precise fit, professional installation is highly recommended due to the complexity of vehicle door mechanisms and the critical safety function of this component. Ensure the vehicle's battery is disconnected before beginning any installation work. Refer to your vehicle's specific service manual for detailed removal and installation procedures for the door lock actuator.



A detailed view of the Dorman 937-654 door lock actuator, showcasing its robust design and components.



An overhead perspective of the Dorman 937-654 door lock actuator, highlighting its integrated design.



The underside of the Dorman 937-654 door lock actuator, showing its mounting points and electrical connector.

6. OPERATING INSTRUCTIONS

Once installed, the Dorman 937-654 door lock actuator operates automatically in conjunction with your vehicle's central locking system. It facilitates the locking and unlocking of the front driver side door, either via the vehicle's remote key fob, interior power lock switch, or manual key insertion. Ensure all connections are secure and the door operates smoothly after installation.

7. MAINTENANCE

The Dorman 937-654 door lock actuator is designed for long-term, maintenance-free operation. No regular lubrication or cleaning is required for the internal components. However, it is advisable to periodically check the door's overall operation, including the latching mechanism and the smoothness of the lock/unlock action. If any resistance or unusual noises are observed, it may indicate an issue requiring professional inspection.

8. TROUBLESHOOTING

If you experience issues with your Dorman 937-654 door lock actuator, consider the following:

- **Door Not Locking/Unlocking:** Check the electrical connections to the actuator. Ensure they are clean, secure, and free from corrosion. Verify that the vehicle's fuse for the power door locks is intact.
- **Intermittent Operation:** This could indicate a weak electrical connection or an actuator nearing the end of its service life. Inspect wiring for damage.
- **Unusual Noises:** Grinding or clicking sounds may suggest internal wear or obstruction. Professional inspection is recommended.

For persistent issues, it is recommended to consult a qualified automotive technician.

9. TESTING & QUALITY ASSURANCE

Dorman door lock actuators undergo rigorous testing to ensure superior quality, safety, and reliability. This includes:

- **Bench Testing:** Actuators are tested for up to 20,000 cycles to ensure longevity.
- **Tensile Testing:** Components are subjected to tensile tests to ensure they can withstand collision forces and maintain functionality.
- **Temperature Testing:** Actuators are tested in extreme temperature conditions to verify the durability of internal components.
- **FMVSS #206 Compliance:** Designed and tested to meet Federal Motor Vehicle Safety Standards for tensile strength and inertia.

DOOR LOCK ACTUATORS

**Benchmark
tested up to
20,000 cycles
to help ensure
longevity**

DORMAN®

The Dorman door lock actuator being subjected to rigorous bench testing, simulating up to 20,000 cycles to ensure long-term durability and reliable performance.

DOOR LOCK ACTUATORS

Tensile
tested to
help ensure
safety in
collision

DORMAN

A Dorman door lock actuator undergoing tensile testing to verify its structural integrity and ability to withstand collision forces, ensuring safety compliance.

DOOR LOCK ACTUATORS

Temperature tested
to help ensure internal
components last

DORMAN

A Dorman door lock actuator inside a temperature testing chamber, ensuring its internal components can withstand extreme thermal conditions for extended service life.

An official video from Dorman Products detailing the engineering, testing, and quality assurance processes for their door lock actuators, emphasizing safety and reliability.

10. COMPATIBILITY

This Dorman 937-654 door lock actuator is compatible with the following vehicle models and years:

- **Ford C-Max:** 2013, 2014, 2015, 2016, 2017, 2018
- **Ford Escape:** 2013, 2014, 2015, 2016, 2017, 2018, 2019
- **Ford Focus:** 2014
- **Lincoln MKC:** 2015, 2016

To ensure precise fitment for your vehicle, it is recommended to use the manufacturer's fitment tool or consult a professional.

11. WARRANTY & SUPPORT

Dorman door lock actuators are warranted to be free of defects in material and workmanship under normal use and service. This product is backed by a **Limited Lifetime Warranty**. For warranty claims or technical support, please visit the official Dorman Products website or contact their customer service department. Keep your purchase receipt as proof of purchase.