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› AA Ignition Lock Cylinder with Keys and Passlock Chip Starter User Manual

## AA Ignition 12458191

# Ignition Lock Cylinder with Keys and Passlock Chip Starter User Manual

Model: 12458191  
Brand: AA Ignition

## INTRODUCTION

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This manual provides comprehensive instructions for the installation, operation, and maintenance of your AA Ignition Lock Cylinder with Keys and Passlock Chip Starter. This assembly is crucial for starting your vehicle by igniting compressed gasoline. It is designed as a direct replacement part for various GM vehicles, addressing common issues such as keys not turning, vehicles not starting, or security lights remaining on due to a faulty ignition lock cylinder or passlock system.

## PRODUCT OVERVIEW

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The AA Ignition Lock Cylinder kit includes the complete ignition lock cylinder and two new keys equipped with a passlock chip. This integrated design ensures compatibility and proper function with your vehicle's anti-theft system.



Image: The complete ignition lock cylinder assembly with two new keys.

A male mechanic with short dark hair, wearing a grey t-shirt and blue overalls, is focused on working on the engine of a car. The car's hood is open, and the engine compartment is visible. The background is a bright, slightly blurred garage or workshop setting. Two red banners with white text are overlaid on the top right and bottom left of the image.

**PREVENTION IS  
BETTER THAN CURE**

**OEM FIT, QUALITY, FINISH**

While this is not a genuine OEM part, this ignition lock cylinder is a direct replacement part.

Image: Close-up view of the ignition lock cylinder and keys, highlighting the passlock chip integration.

## COMPATIBILITY

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This ignition lock cylinder is compatible with a range of Chevrolet, Oldsmobile, and Pontiac vehicles. Please verify your vehicle's make, model, and year against the list below to ensure proper fitment.

- **Chevrolet:** 2004-2005 Classic, 2000-2005 Impala, 1997-2003 Malibu, 2000-2005 Monte Carlo
- **Oldsmobile:** 1999-2004 Alero, 1997-1999 Cutlass, 1998-2002 Intrigue
- **Pontiac:** 1999-2005 Grand Am

## FITS THE FOLLOWING VEHICLES

- 2004-2005 Chevrolet Classic®
- 2000-2005 Chevrolet Impala®
- 1997-2003 Chevrolet Malibu®
- 2000-2005 Chevrolet Monte Carlo®
- 1999-2004 Oldsmobile Alero®
- 1997-1999 Oldsmobile Cutlass®
- 1998-2002 Oldsmobile Intrigue®
- 1999-2005 Pontiac Grand Am®

Image: Visual representation of compatible vehicle models and years.

## FEATURES

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- Unlocks ignition and starts the vehicle.
- Comes with an integrated Passlock Chip.
- Direct replacement for the factory part.
- Replaces OEM Part Numbers: D1493F, 12458191, 25832354, 15822350, 924-719, US286I, 924719.
- OEM Fit, Quality, and Finish.

# FEATURES



**UNLOCKS IGNITION & STARTS THE VEHICLE**



**COMES WITH THE PASSLOCK CHIP**



**DIRECT REPLACEMENT FOR FACTORY PART**



**REPLACES FACTORY PART  
#12458191, 25832354**



Image: Diagram illustrating the key features of the product.

# REPLACES PART NUMBERS:

✓ D1493F

✓ 12458191

✓ 25832354

✓ 15822350

✓ 924-719

✓ US286L

✓ 924719



AA Ignition is a registered trademark of GWA Auto Parts Inc.  
Other trademarks are registered trademarks of auto manufactures.

Image: Visual list of common part numbers that this product replaces.

## INSTALLATION

The ignition lock cylinder is located beside the steering wheel. Access typically involves removing the radio panel and a few screws. For detailed installation steps, please refer to the official installation manual and the instructional video provided by the manufacturer.

**Official Installation Manual (PDF):** [Download PDF](#)



Video: An instructional video demonstrating the features and programming process for the ignition lock cylinder. This video is provided by the seller, GWA Auto Parts.



## IGNITION LOCK CYLINDER WITH KEYS & PASSLOCK CHIPS

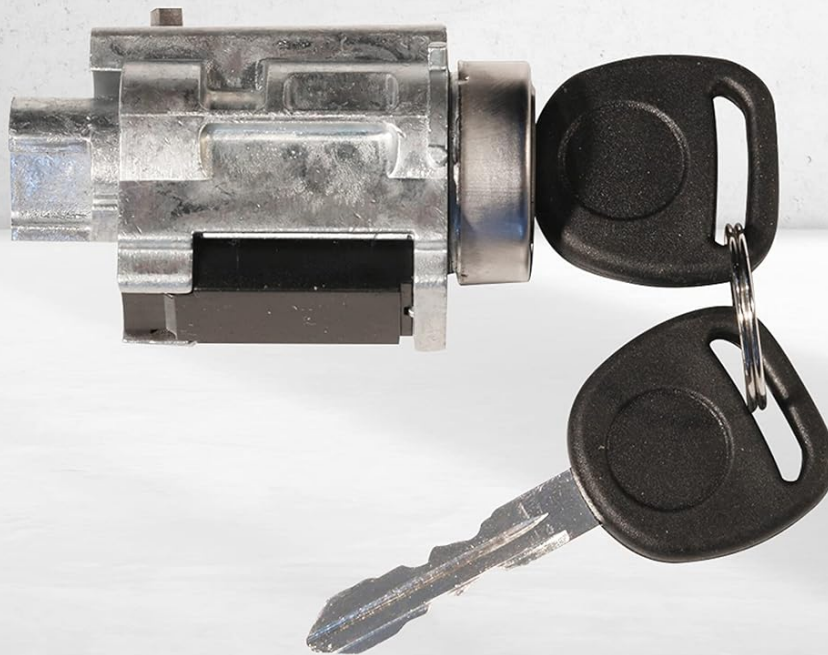


Image: A mechanic working on a vehicle, illustrating the professional installation environment and the product's OEM fit and quality.

### SETUP (PASSLOCK SYSTEM RELEARN)

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After replacing the ignition lock cylinder, your vehicle's anti-theft system (Passlock) will need to relearn the new keys. This is a simple process that typically takes about 30 minutes due to a required wait time.

#### Passlock Relearn Procedure:

1. Install the new ignition lock cylinder.
2. Insert one of the new keys into the ignition.
3. Turn the ignition to the "ON" position (do not start the engine).
4. Leave the ignition in the "ON" position for approximately 10 minutes, or until the security light on your dashboard turns off.
5. Turn the ignition to the "OFF" position and remove the key.
6. Wait for 10-15 seconds.

7. Insert the key and attempt to start the vehicle. The security light should now be off, and the vehicle should start normally.
8. Repeat this process for the second key if desired, though typically only one key needs to be programmed for the system to recognize both.

If the security light remains on or the vehicle does not start after following these steps, refer to the Troubleshooting section.

## OPERATING THE IGNITION LOCK CYLINDER

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Operating the new ignition lock cylinder is identical to your original unit. Insert the key fully into the cylinder and turn it to the desired position (ACC, ON, START, OFF). Ensure the key turns smoothly without excessive force.

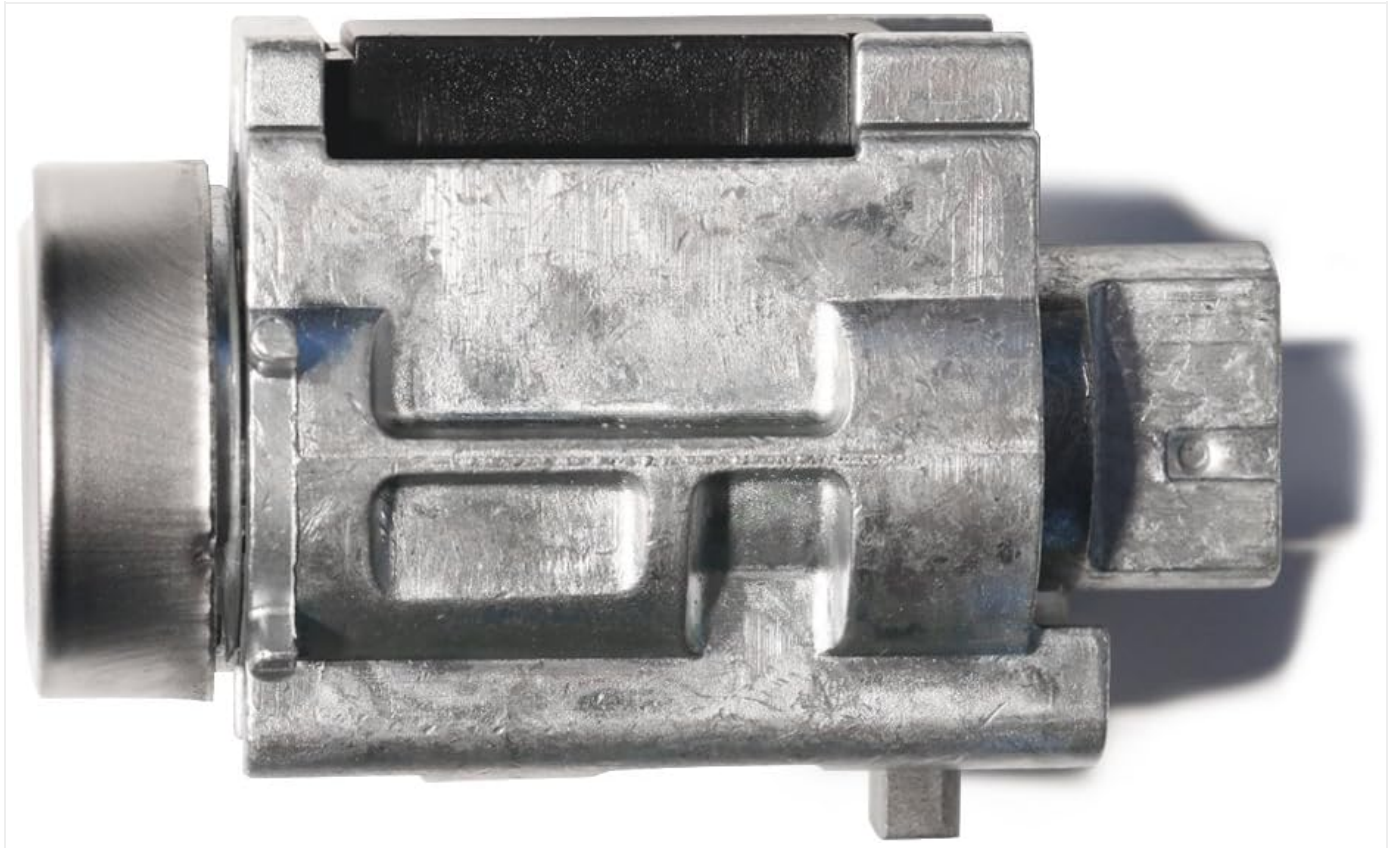


Image: Side profile of the ignition lock cylinder, showing its robust construction.



Image: The two new keys provided with the ignition lock cylinder.

## **MAINTENANCE**

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The AA Ignition Lock Cylinder is designed for long-lasting performance and typically requires minimal maintenance. Keep the key and cylinder free from dirt and debris. Avoid using excessive force when inserting or turning the key, as this can cause premature wear to the internal pins.

## **TROUBLESHOOTING**

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If you encounter issues after installation, consider the following common problems and solutions:

Problem	Possible Cause	Solution
Vehicle does not start / Security light is blinking or on.	Passlock system not relearned.	Perform the Passlock Relearn Procedure as described in the Setup section. Ensure all steps are followed precisely.
Key does not turn in the cylinder.	Incorrect key, debris in cylinder, or steering wheel lock engaged.	Ensure you are using one of the new keys provided. Check for any obstructions in the key slot. Gently wiggle the steering wheel while attempting to turn the key to disengage the steering lock.
Vehicle does not turn off even with key removed.	Faulty ignition lock cylinder (if not replaced) or internal mechanism issue.	This product is designed to resolve this issue. If it persists after replacement, ensure proper installation and contact support.

## SPECIFICATIONS

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- **Brand:** AA Ignition
- **Model Number:** 12458191
- **Special Feature:** Anti-theft (Passlock Chip)
- **Lock Type:** Key Lock
- **Number of Pieces:** 1 (Ignition Lock Cylinder with 2 Keys)
- **Finish Type:** Painted
- **Item Weight:** 8.1 ounces
- **Package Dimensions:** 3.82 x 3.66 x 2.32 inches
- **OEM Part Numbers Replaced:** 12458191, 15822350, 25832354, 924-719, D1493F

## WARRANTY & SUPPORT

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This AA Ignition Lock Cylinder comes complete with a **Lifetime Warranty**. If the Ignition Lock Cylinder ever fails, simply contact the seller for a replacement.

**Visit AA Ignition Store**

