

InnerLok Fitment Guide

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Company: Stealth Creative LLC

Brand: InnerLok

Website: www.innerlok.com

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Business Location: Houston, Texas

This Fitment Guide is provided to help customers determine whether an InnerLok product may be compatible with their hitch, receiver, trailer, coupler, ball mount, or towing setup before purchase and use.

InnerLok products must be selected, installed, and used only according to the specific product instructions, specifications, ratings, and warnings provided with the applicable product.

1. Customer Responsibility

You are responsible for confirming that the InnerLok product you purchase is compatible with your specific towing setup before installation or use.

Fitment may vary depending on vehicle, hitch, receiver, trailer, ball mount, coupler, pin-hole size, clearances, manufacturer design, aftermarket parts, wear, damage, and prior modifications.

If you are unsure whether an InnerLok product fits your setup, contact InnerLok at support@innerlok.com before purchase or use.

2. Information to Check Before Ordering

Before purchasing an InnerLok product, check the following:

Receiver size

Hitch class

Ball mount size

Pin-hole diameter

Pin-hole alignment

Receiver wall thickness

Available clearance around the receiver

Trailer coupler type

Trailer coupler latch style

Tongue weight rating

Gross trailer weight rating

Vehicle towing capacity

Hitch and receiver manufacturer ratings

Whether the product is intended for your specific application

Do not assume fitment based only on trailer type, vehicle model, or hitch appearance.

3. Receiver and Hitch Fitment

For hitch pin replacement products, confirm the receiver and ball mount are compatible with the product's stated specifications.

Common receiver sizes may include:

1.25-inch receiver

2-inch receiver

2.5-inch receiver
3-inch receiver

Only use an InnerLok product with a receiver size, ball mount, and pin-hole configuration that matches the specific product instructions.

The product must pass fully through the aligned receiver and ball mount pin holes and lock securely without forcing, drilling, grinding, or modification.

4. Pin-Hole Size and Alignment

Before use, verify that the receiver and ball mount pin holes are properly aligned and match the required pin diameter for the InnerLok product.

Do not use the product if:

- The pin hole is too small
- The pin hole is enlarged, worn, or damaged
- The pin does not pass through cleanly
- The ball mount does not align correctly
- The lock does not fully engage
- The product must be forced into place
- The product is loose, unstable, or improperly seated

Improper pin-hole fitment may cause unsafe towing conditions, product failure, or damage.

5. Clearance Requirements

Before installation, make sure there is enough clearance around the hitch, receiver, ball mount, bumper, spare tire, trailer tongue, coupler, safety chains, wiring, and locking mechanism.

Check clearance with the trailer straight and during normal turning angles.

Do not use the product if it interferes with:

- Trailer movement
- Coupler operation
- Safety chains
- Trailer wiring
- Brake cables
- Breakaway cable
- Ball mount seating
- Receiver fitment
- Vehicle bumper
- Spare tire
- Tailgate operation
- Locking or unlocking access

6. Coupler and Trailer Fitment

For products intended for trailer couplers or related trailer security applications, confirm compatibility with the specific coupler type and latch design.

Check:

- Coupler size
- Coupler style
- Latch type

- Latch clearance
- Locking hole size
- Tongue shape
- Safety chain location
- Breakaway cable location
- Trailer jack location
- Surrounding obstructions
- Product seating and engagement

Do not use an InnerLok product on a coupler or trailer setup unless it fits fully, seats correctly, and locks as instructed.

7. Rated Limits

InnerLok does not increase the rated capacity of your vehicle, hitch, receiver, ball mount, coupler, trailer, safety chains, braking system, or towing setup.

The lowest-rated component in your towing setup controls the safe operating limit.

You must never exceed:

- Vehicle towing capacity
- Receiver rating
- Hitch rating
- Ball mount rating
- Coupler rating
- Gross trailer weight rating
- Tongue weight rating
- Safety chain rating
- Brake system requirements
- InnerLok product rating, if stated

Using a product beyond rated limits may result in product failure, trailer separation, property damage, injury, or death.

8. Hitch Pin Replacement Products

Certain InnerLok products may be designed to replace a standard hitch pin and remain installed during normal towing when used exactly as instructed.

When used as a hitch pin replacement, the product must:

- Match the required pin diameter
- Pass fully through the receiver and ball mount
- Lock completely
- Remain properly seated
- Be used only with compatible equipment
- Be used only within the stated product limits
- Be inspected before each use

InnerLok hitch pin replacement products do not increase towing capacity or replace the need for properly rated towing equipment.

9. Do Not Modify for Fitment

Do not modify any InnerLok product or towing component to force fitment.

Do not:

Drill
Grind
Cut
Weld
Bend
Hammer into place
File down components
Remove safety features
Alter locking parts
Use spacers or adapters not approved by InnerLok
Use damaged or improvised components

Modifying the product or towing setup may void warranty coverage and create unsafe conditions.

10. Pre-Installation Checklist

Before installing an InnerLok product, confirm:

The product is the correct model for your application
The receiver or coupler size matches the product specifications
The pin diameter matches the required size
All holes align properly
The product slides into place without force
The locking mechanism fully engages
There is no interference with towing components
The product does not contact the bumper, trailer, wiring, chains, or brake cables
All components are undamaged
You have read the instructions

Do not use the product if any checklist item fails.

11. Pre-Towing Checklist

Before towing with an InnerLok product installed, confirm:

The product is fully seated
The locking mechanism is fully engaged
The key or lock system works correctly
The ball mount is properly installed
The trailer is properly coupled
Safety chains are attached correctly
Trailer lights are working
Trailer brakes work where required
Breakaway cable is properly attached
The load is secured and balanced
The trailer and vehicle are within rated limits
No part is loose, damaged, or interfering with movement

If anything appears unsafe, do not tow until corrected.

12. Signs the Product May Not Fit Correctly

Do not use the product if you notice:

Loose fit
Excessive movement
Poor alignment

- Incomplete locking
- Difficulty inserting the pin
- Difficulty removing the product
- Contact with other towing parts
- Bent, cracked, or damaged parts
- Worn or enlarged pin holes
- Mismatch between receiver and ball mount
- Locking mechanism interference
- Product does not sit as shown in instructions

13. Used, Damaged, or Modified Equipment

Fitment may be affected by used, worn, damaged, rusted, aftermarket, modified, or non-standard towing equipment. Before use, inspect the hitch, receiver, ball mount, coupler, trailer, and InnerLok product for damage or abnormal wear. Do not use the product with damaged or questionable equipment.

14. Professional Assistance

If you are unsure about compatibility, installation, rated limits, towing safety, or proper fitment, consult a qualified hitch installer, trailer technician, mechanic, or towing professional before use. Do not guess when fitment or towing safety is uncertain.

15. Fitment Support

For fitment questions, contact InnerLok at:

support@innerlok.com

Include the following when possible:

- Product model
- Photos of your receiver, hitch, coupler, or trailer setup
- Receiver size
- Pin-hole diameter
- Ball mount size
- Trailer type
- Vehicle year, make, and model
- Hitch brand or rating label
- Any fitment issue you are experiencing

Providing photos and measurements can help InnerLok provide better guidance, but final fitment and safe use remain the customer's responsibility.

16. No Fitment Guarantee Without Verification

InnerLok may provide general fitment guidance based on information supplied by the customer, but we cannot guarantee compatibility unless the product specifications, measurements, equipment condition, and installation requirements are confirmed.

Customer-provided measurements, photos, or descriptions may be incomplete or inaccurate.

Final installation, inspection, compatibility, and safe use are the customer's responsibility.

17. Contact Us

For product fitment questions, installation guidance, or support, contact:

Stealth Creative LLC

InnerLok

Houston, Texas

Email: support@innerlok.com

Website: www.innerlok.com

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