



Upgrade · The Home Creator Way

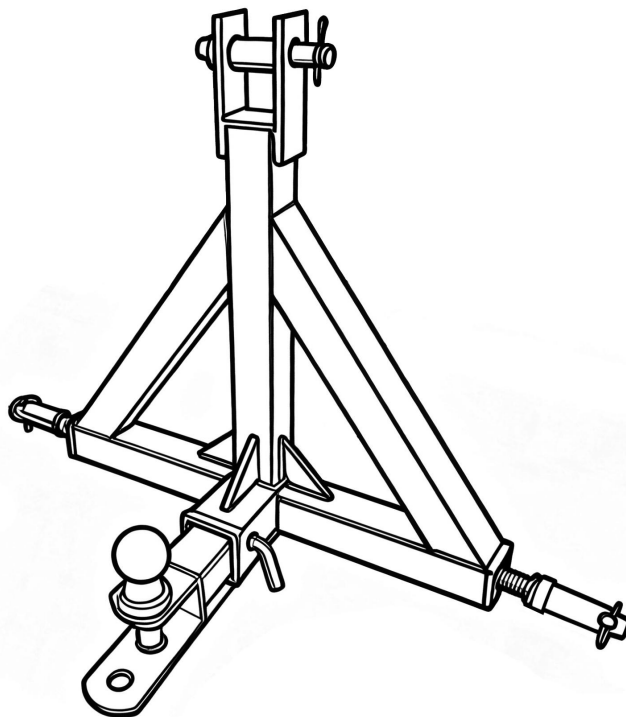
3 POINT HITCH RECEIVER

**MODEL: S-01, S-03, S-04, S-05, S-06, S-07, S-01-B, S-03-A,
S-08, S-08-A, S-09**

VEVOR Support Center

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This is the original instruction, please read all manual instructions carefully before operating. VEVOR reserves a clear interpretation of our user manual. The appearance of the product shall be subject to the product you received. Please forgive us that we won't inform you again if there are any technology or software updates on our product.

MODEL AND PARAMETERS

Model	Material	Color	Accessories
S-01	Q235	Black	Four-way ball hook*1, plain hook*1, toothed hook*2, O-shaped plug*2, reverse spring washer*2,B-type lock*1
S-03	Q235	Black	Bare pin*1, toothed pin*2, O-shaped plug pin*2, reverse spring washer*2,B-type lock*1
S-04	Q235	Black	Four-way ball hook*1, plain hook*1, toothed hook*2, O-shaped plug*2, reverse spring washer*2,B-type lock*1
S-05	Q235	Black	Bare pin*1, toothed pin*2, O-shaped plug pin*2, reverse spring washer*2B-type lock*1
S-06	Q235	Black	Bare pin*1, toothed pin*2, O-shaped plug pin*2, reverse spring washer*2.B-type lock*1
S-07	Q235	Black	Bare pin*1, toothed pin*2, O-shaped plug pin*2, reverse spring washer*2.B-type lock*1

S-01-B	Q235	Orange	Single trailer ball receiver*1, Bare pin*1, Toothed pin*2, L-shaped pin*1, O-shaped sleeve*3, Reverse spring washer*2, O-type lock*2, Type B lock*2
S-03-A	Q235	Orange	Four-way ball support hook*1, Bare pin*1, Toothed pin*2, L-shaped pin*1, O-shaped sleeve*3, Reverse spring washer*2, O-type lock*2, Type B lock*2
S-08	Q235	Black	Bare pin*1, Toothed pin*2, O-shaped sleeve*3, Reverse spring washer*2, O-type lock*2, Type B lock*1
S-08-A	Q235	Orange	Four-way ball support hook*1, Bare pin*1, Toothed pin*2, L-shaped pin*1, O-shaped sleeve*3, Reverse spring washer*2, O-type lock*2, Type B lock*2
S-09	Q235	Black	Bare pin*1, Toothed pin*2, O-shaped sleeve*3, Reverse spring washer*2, O-type lock*2, Type B lock*2, Trailer ball*1, It features an O-shaped handle latch*1

Safety Warning

1. It is strictly prohibited to exceed the rated towing weight of the product or the maximum load capacity of the towing vehicle. Overloading can lead to structural fractures, loss of control and other dangers.
2. Before operation, make sure that all operators are familiar with this manual. Children and non-professionals are prohibited from approaching the operation area.
3. During the installation and connection process, anti-slip gloves, safety glasses and other protective equipment must be worn to avoid mechanical injuries.
4. Before towing operations, during the operation and when changing the trailer, the locking status of all connection points must be comprehensively inspected. Only after confirming that there are no errors can the operation be carried out.
5. After use in salt spray environments (such as coastal areas), on icy and snowy roads or on salt-spread roads, it is necessary to clean and prevent rust in a timely manner to avoid corrosion and failure of components.
6. When problems such as component deformation, severe rusting, or safety pin breakage are found, stop using it immediately and replace the parts. It is strictly prohibited to operate while faulty.
7. The product complies with relevant standards and regulations. Installation of this device must comply with all applicable regulations, and it should only be operated in well-ventilated areas. Please read the user manual before installing and using this equipment.
8. This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
9. Children shall not play with the appliance
10. This appliance shall not be used by children. Keep the appliance and its cord out of reach of children.
11. Please properly keep product. Check whether the product is abnormal before use. If it is abnormal, please stop using it.

12. Please use the product according to the intended use, warn of potential injury from misuse.
13. The product complies with relevant standards and regulations. Installation of this device must comply with all applicable regulations, and it should only be operated in well-ventilated areas. Please read the user manual before installing and using this equipment.
14. Each component is fixed and locked with bolts. The method of fixing stated is not to depend on the use of adhesives since they are not considered to be a reliable fixing means.

Preparations before installation

1. Equipment inspection: Verify the compatibility of the receiver model with the towing vehicle, check that the main frame is undeformed, the coating is undamaged, and that safety pins, bolts and other accessories are complete and free of cracks.
2. Tool preparation: Prepare torque wrenches (3/4-inch sockets), socket wrenches, wire brushes, nylon brushes, penetrating oil, anti-rust agents and other tool consumables.
3. Site requirements: Select a flat and solid ground, clear obstacles in the operation area, and ensure that the towing vehicle is horizontally aligned with the equipment to be connected.

Trailer connection steps

1. Alignment and positioning: Start the towing vehicle, reverse slowly, and align the lower arm connection seat and the top connecting rod interface of the receiver with the corresponding connection points of the trailer respectively, keeping both sides at the same horizontal height.
2. Fix the lower arm: Manually insert the connecting pin of the trailer into the connection seat of the lower arm of the receiver. After ensuring it is fully inserted, insert the safety pin and fasten the spring clamp. The connection points on both sides need to be operated synchronously.
3. Connect the top connecting rod: Adjust the connection mechanism at

the top of the trailer, align it with the interface at the top of the receiver and insert the connecting pin. Lock it with a safety pin to ensure that all three connections are taut and there is no shaking gap.

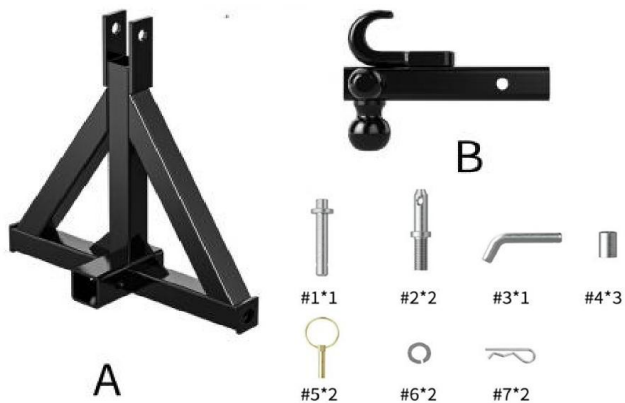
4. Final inspection: Observe each connection point from multiple angles to ensure that the connection pins fully penetrate the connection holes and the safety pins are in place.

5. Start the vehicle and move it slightly forward and backward (not exceeding 0.5 meters), and then check the connection stability again.

6. If brake connection cables and lighting connection cables are equipped, they need to be connected simultaneously and their functions tested.

Product illustration

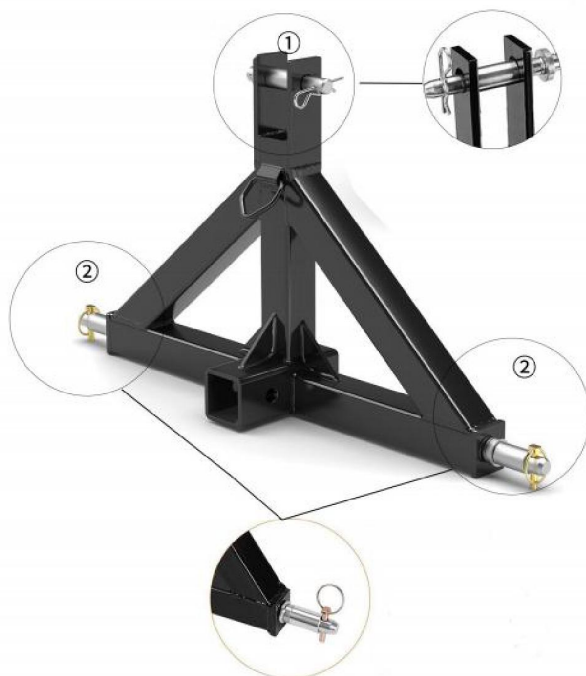
1、S-01



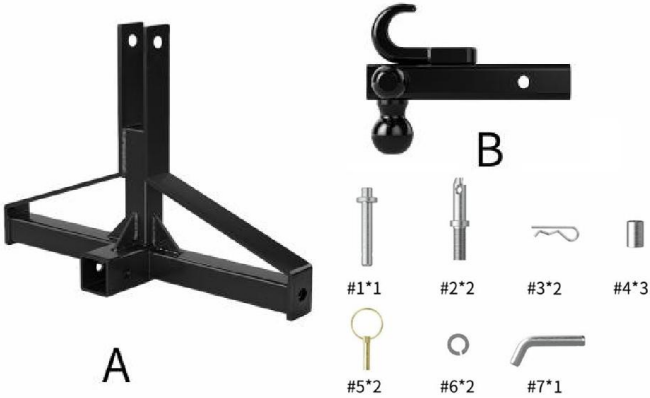
2、S-03



A



3、S-04



- ① #1 #4 #3
- ② #2 #4 #5 #6
- ② #2 #4 #5 #6



4、S-05



A



5、S-06



- ① #1 #4 #3
- ② #2 #4 #5 #6
- ② #2 #4 #5 #6



6、S-07



7、S-01-B



- | | | | | | | |
|---|--|----|--|----|--|----|
| ① | | #1 | | #4 | | #7 |
| ② | | #2 | | #4 | | #5 |
| ② | | #2 | | #4 | | #5 |



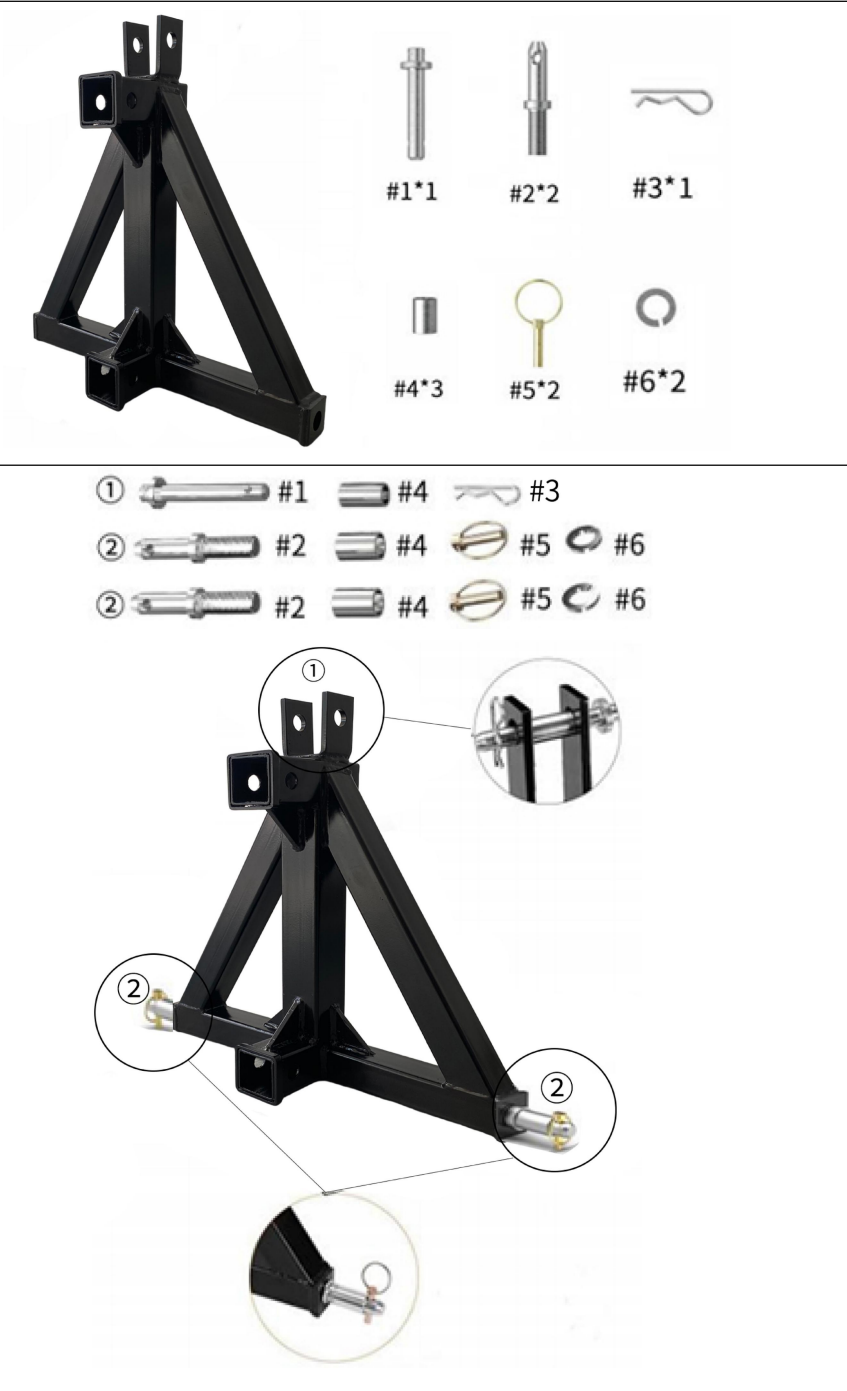
8、S-03-A



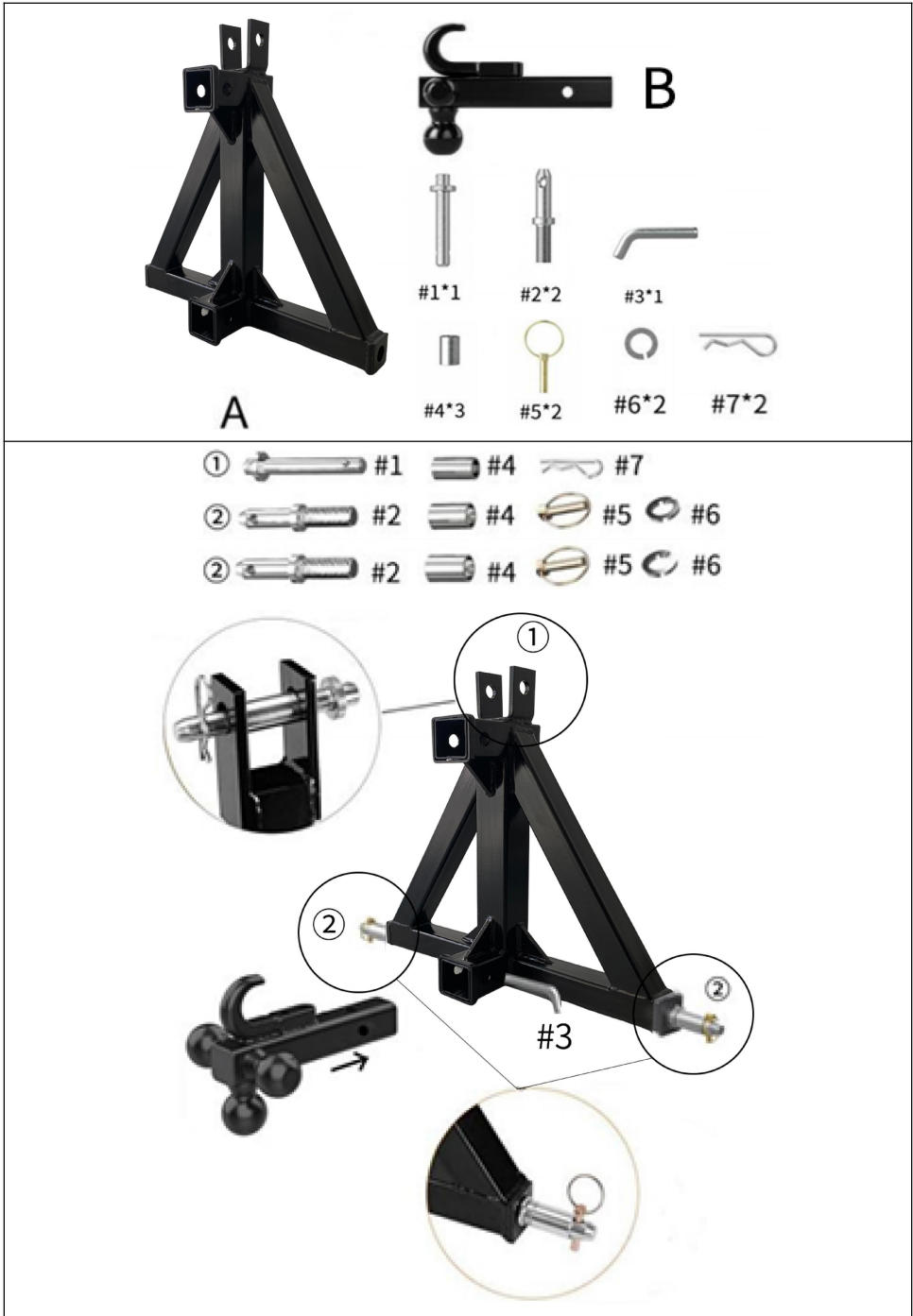
- ① #1 #4 #7
- ② #2 #4 #5 #6
- ② #2 #4 #5 #6



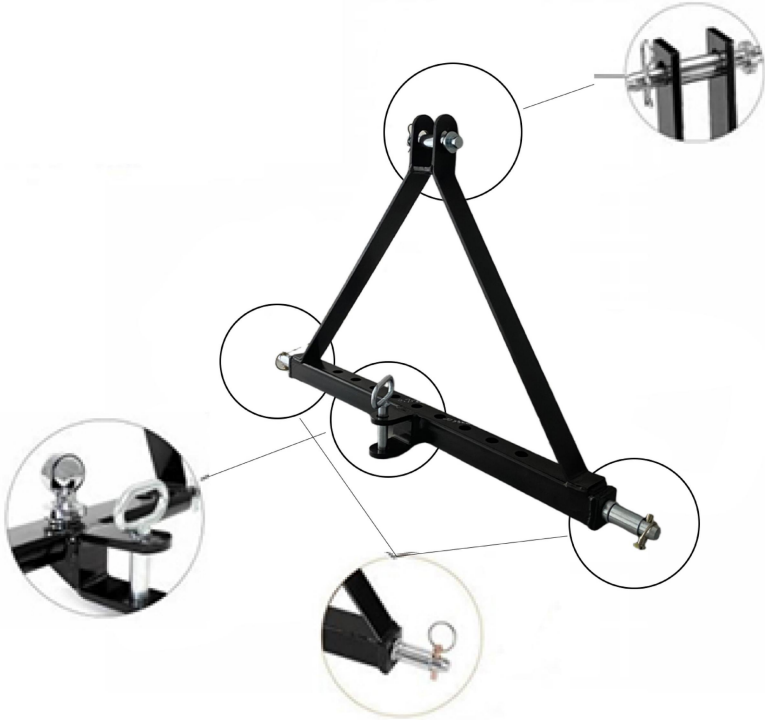
9、S-08



10、S-08-A



11、S-09



Key points of operation in the homework

1. When starting, accelerate slowly to avoid excessive instantaneous traction force causing force impact at the connection points
2. Driving speed: No more than 40km/h when empty and 25km/h when fully loaded. Further deceleration is required when turning or going downhill
3. During the operation, the machine should be stopped every 30 minutes or after passing over a bumpy road to check if all connection points are loose and if the safety pins have fallen off
4. Sudden braking and sharp turns are prohibited to prevent the trailer from generating centrifugal force, which may cause rollover or connection failure.

Trailer disassembly steps

1. Park the vehicle and the trailer on a flat ground, apply the handbrakes of both sides tightly, and wedge the trailer wheels with triangular wooden wedges.
2. First, disconnect the auxiliary connection lines such as the brake and lighting, and then remove the safety pin and connecting pin of the top connecting rod.
3. Remove the safety pins and connecting pins connecting the lower arms on both sides in sequence. During the removal process, someone should assist in supporting the trailer to prevent it from toppling over.
4. Drive the towing vehicle forward slowly, keep a safe distance from the trailer, and secure the trailer before leaving the operation area.

Maintenance and upkeep

Daily maintenance (after each use):

1. Cleaning: Use a high-pressure water gun or clean water to rinse the surface of the receiver to remove dirt, weeds, salt and other contaminants. Clean the connection holes with a nylon brush to prevent the accumulation

of debris.

2. Check: Check if there are any scratches or peeling on the powder coating. Any exposed parts of the metal substrate should be dealt with promptly.
3. Check whether the safety pins and bolts are deformed or worn, and whether the elasticity of the spring clamps is normal.
4. At all connection points of the activity, make sure there is no jamming or abnormal noise. Apply grease if necessary.
5. Rust prevention: After use in salt spray or icy and snowy environments, the residual rust should be removed with a wire brush and anti-rust agent or anti-rust paint should be sprayed.

Regular maintenance (every 3 months or after 50 hours of use):

1. Deep cleaning: Remove the safety pins and connecting bolts, and disassemble and clean each component, with a focus on cleaning the dirt in the threaded holes and connection holes.
2. Component Maintenance:
Severely worn bushings and spring clamps need to be replaced in a timely manner
3. Apply anti-seizing agent to the threaded parts of the bolts and reinstall them according to the standard torque
4. For the damaged areas of the powder coating, sand them with sandpaper and then apply enamel or polyurethane spray paint of the matching color for repair
5. Functional testing: Simulate the entire process of connecting the trailer to check the flexibility of each mechanism and the reliability of locking.

Long-term storage (not in use for more than one month):

Remove the receiver from the vehicle, thoroughly clean it and complete the anti-rust treatment. Then store it in a dry and well-ventilated indoor environment, avoiding direct sunlight and moisture erosion. Before storage, a special dust-proof plug can be inserted into the connection hole to prevent foreign objects from entering.

Fault handling

Fault phenomenon	Possible reasons	Solution
Loose connection points or abnormal noises	Insufficient bolt torque; The spring clamp has failed. Bushing wear	Re-tighten the bolts according to the standard torque; Replace the failed clamp; Replace the worn bushings and apply grease
The connecting pin cannot be inserted or pulled out	The holes are rusted or have foreign objects. Component deformation	Clean the holes with a wire brush and spray penetrating oil. Minor deformations can be corrected; in severe cases, replace the components
	Untimely maintenance; Long-term exposure to a corrosive environment	Thoroughly remove rust, sand and then spray anti-rust paint and protective paint. Strengthen daily cleaning and rust prevention
	Overloading operation; Suffer a severe impact	Stop using it immediately, contact the manufacturer for inspection. If it is confirmed that it cannot be repaired, replace it with a new one

