

Model D4107 4-Ton Come-Along Instruction Sheet



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Introduction

The Model D4107 Come-Along is a handy tool for use in farming, camping, hunting, and emergencies. This come-along features solid steel construction, ratcheting and locking levers, drop-forged steel safety hooks, and non-slip handle grip.



Figure 1. Model D4107 4-Ton Come-Along.

Specifications

Cable Configuration	Single & Double-Line
Cable Diameter.....	1/4"
Pulling Length:	
— Single-Line	98"
— Double-Line	49"
Pulling Capacity:	
— Single-Line	4000 lbs. (2 Tons) Rolling Load
— Double-Line	8000 lbs. (4 Tons) Rolling Load

⚠ WARNING

LOAD CAPACITY. Always be aware of the rated capacity of the come-along setup and the pulling weight of the load. DO NOT exceed the come-along capacity.

CABLE BIND. To ensure the cable does not bind or kink, which could lead to breakage, DO NOT twist or bend the cable. DO NOT wrap the cable around any object and hook it back on itself, or pull the cable over or around a corner.

COME-ALONG CONDITION. DO NOT operate the come-along if any part of it is damaged or inoperable. A failed come-along can unexpectedly release cable tension causing serious personal injury or property damage.

KEEP CABLE PATH CLEAR. To avoid entanglement injuries with the cable, always make sure the path between the load and the come-along is clear of people, animals, and obstructions.

HAND POWER ONLY. Using a powered device with the come-along or a "cheater bar" on the handle could cause damage to the come-along, which could lead to breakage and personal injury.

USE COME-ALONG AS DESIGNED. DO NOT use the come-along as a hoist, lifting aid, towing device, or for any purpose that it is not designed for.

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Controls & Components

Use **Figures 2-3** and the following descriptions to become familiar with the controls and components of this come-along.

- A. **Handle.** Use this handle to wind up the cable and pull the load in.
- B. **Stationary Hook.** Attach this hook to a secure object that is able of withstanding the tension of the pulling operation.
- C. **2nd Hook.** Use this hook for attaching to the load in a double-line setup.
- D. **1st Hook.** This hook is used in a single-line setup, and connects to the hanger for double-line pulling.
- E. **Pulling Cable.** This cable connects the come-along and the load.
- F. **Hanger.** Hook the 1st hook to this hanger when setting up for double-line pulling.
- G. **Drum Safety Pawl Lever.** Pull back on this lever to release the winding drum safety ratchet so that the cable can be pulled out from the drum. When released, it will spring back and re-engage the winding drum ratchet.
- H. **Winding Ratchet Lever.** Press down on this lever to disengage the winding pawl from the winding drum ratchet.
- I. **Winding Pawl Lock.** Use this lever to lock the winding pawl in position when it is engaged with the winding drum ratchet.
- J. **Winding Pawl.** This device engages the winding drum ratchet and enables the handle to wind the cable back onto the drum.

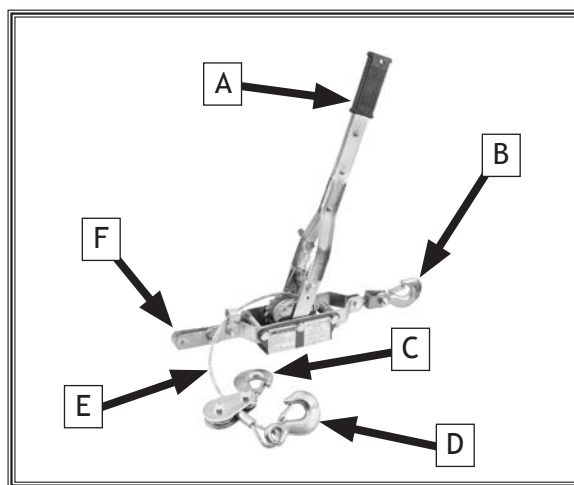


Figure 2. Hooks and main body.

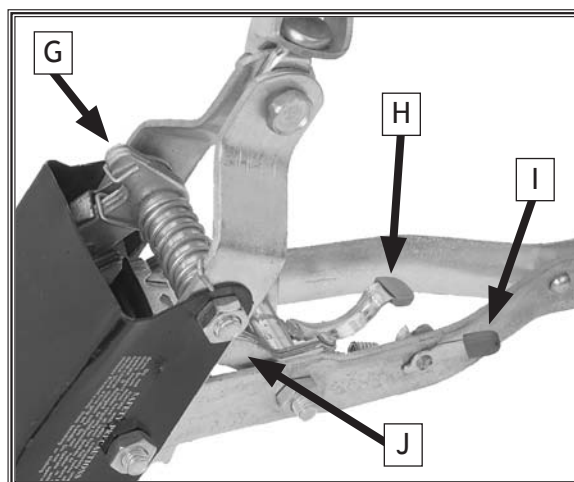


Figure 3. Levers and ratchet.

WARNING

Use the drum safety pawl lever **ONLY** when the cable is **NOT** under tension, or the pulled load is in a stable location and will not move when cable tension is released. Releasing the drum safety ratchet when the come-along is under dynamic tension can cause the cable to whip at a high rate of speed, which could cause serious personal injury or property damage.

Pulling Capacity

When all other conditions of the pulling operation remain the same, pulling capacity reduces as the incline increases. For example, when using the come-along in a single-line configuration, the rated pulling capacity is 4000 lbs. at a 0° incline. As illustrated in **Figure 4**, this pulling capacity reduces as the incline increases.

The conditions of your operation directly affect the pulling capacity of your come-along. For instance, the initial pulling capacity reduces if the load does not have wheels and is at a "dead stop". Conversely, the pulling capacity increases when pulling a floating object across water.

NOTICE

The pulling capacity of the come-along will vary with the conditions of the operation. Always be aware of these conditions when determining the pulling weight of the load.

Single & Double-Line Setups

A single-line setup is when the hook at the end of the pulling cable is connected to an attachment accessory on the load, such as a sling or eyebolt (see **Figure 5** for examples).

In a double-line setup, the pulling cable is doubled back to the come-along body and forms a loop (see **Figure 6**).

To configure the come-along for a double-line setup, connect the hook at the end of the pulling cable (1st hook) onto the hanger. The hook in the middle of the cable (2nd hook) becomes the end hook of the pulling cable, and will attach to the load.

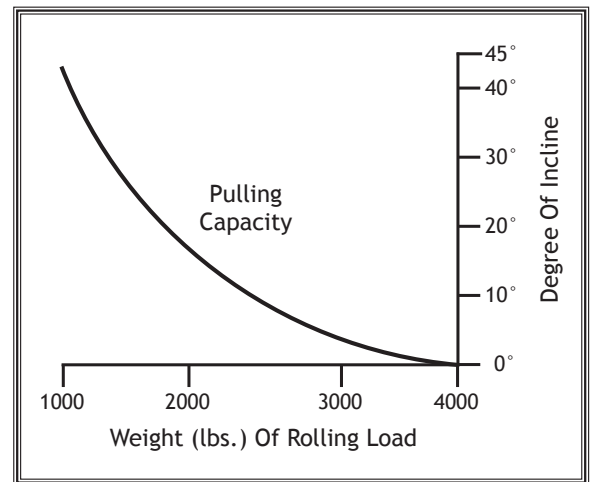


Figure 4. Example graph showing the pulling capacity reduces as the incline increases.

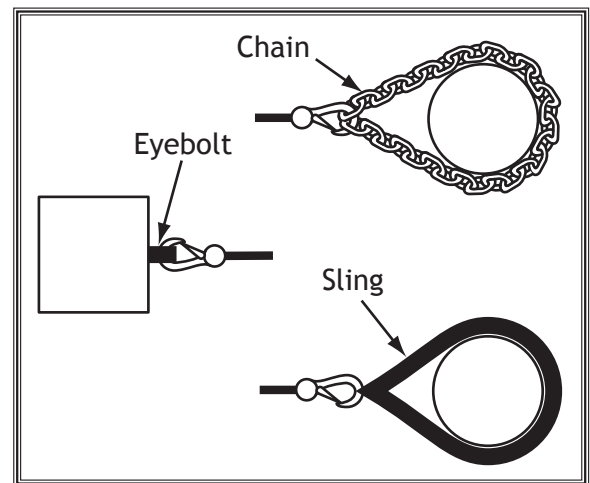


Figure 5. Examples of hooking up to the load.

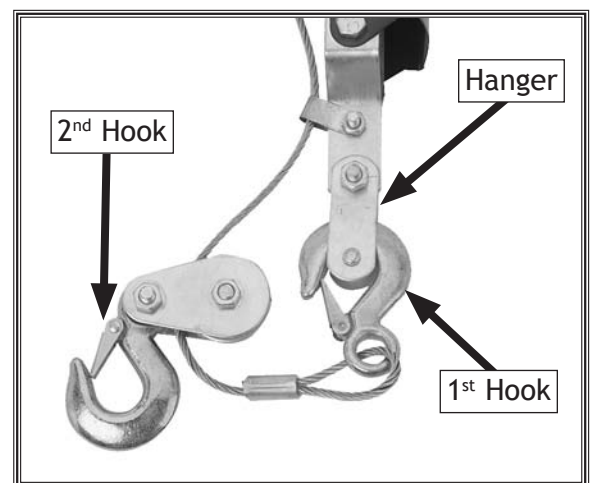


Figure 6. Double-line setup.

Operation

1. Read and understand this instruction sheet and all of the included safety warnings.
2. Put on thick leather gloves and safety glasses.
3. Determine the pulling weight of your load and make sure the come-along setup is adequate for the job.
4. If necessary for the pulling operation, configure the come-along for double-line pulling.
5. Attach the stationary hook to a non-moveable object that will adequately withstand the tension of the pulling operation.
6. Pull back on the drum safety release lever and pull out the necessary length of cable to hookup the load.
7. Mount a chain, sling, eyebolt, or other attachment accessory to the load that is rated for more than the pulling weight of the load.
8. Connect the end hook of the pulling cable to the attachment accessory on the load.
9. Make sure the winding pawl is engaged with the winding drum ratchet, and the winding ratchet lever is locked in position with the ratchet lock.
10. Pump the handle back-and-forth to wind the pulling cable onto the winding drum.
11. When your load has reached its destination, make sure that it is supported so that it will not move when the cable tension is released.
12. Unlock the winding ratchet lever, pull back on the drum safety release lever, and pull out enough cable so the you can unhook the end hook from the load.

WARNING

Before each use, examine the come-along, pulling cable, and hooks for any damage or excessive wear. When under the tension of pulling a load, a damaged come-along can fail and lead to death, serious personal injury, or property damage.

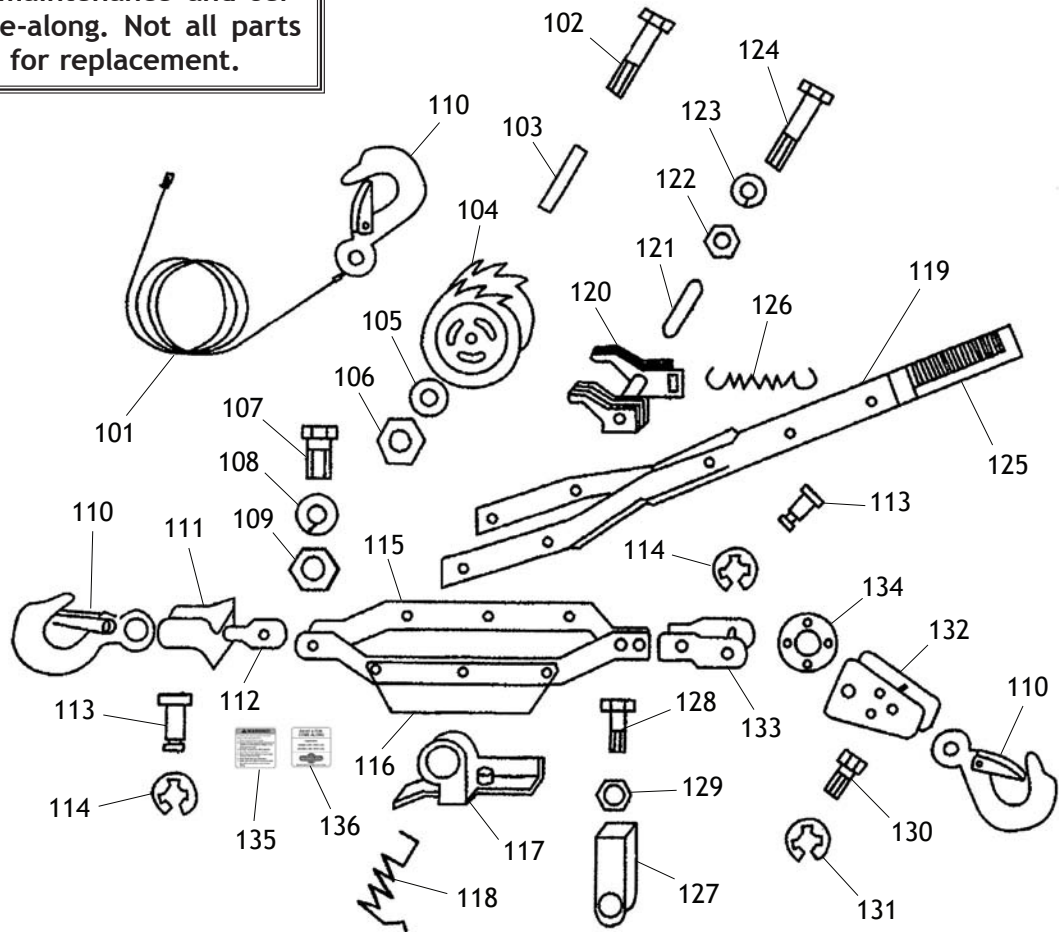
Maintenance

- Apply light machine oil on the pivot points of the winding drum, levers, and ratchets to ensure smooth operation and to prevent rust.
- Before each use, check the pulling cable for kinks, irregular bends, or fraying. If the cable is damaged or worn in any way, replace it before using the come-along.
- Always keep the pulling cable tightly wound in the winding drum when not in use to prevent it from becoming entangled or damaged.
- Store the come-along in a dry place to avoid rust.

D4107 Parts

NOTICE

This parts diagram and listing is provided to aid in maintenance and service of the come-along. Not all parts may be available for replacement.



REF	PART #	DESCRIPTION
101	XD4107101	CABLE 1/4"
102	XPB162M	HEX BOLT M10-1.5 X 90
103	XD4107103	CASING PIPE
104	XD4107104	DOUBLE RATCHET WHEEL
105	XPLW06M	LOCK WASHER 10MM
106	XPNO2M	HEX NUT M10-1.5
107	XPB32M	HEX BOLT M10-1.5 X 25
108	XPLW06M	LOCK WASHER 10MM
109	XPNO2M	HEX NUT M10-1.5
110	XD4107110	SAFETY HOOK
111	XD4107111	STATIONARY HOOK CONNECTOR
112	XD4107112	HANGER JOINT
113	XD4107113	GROOVED CAPTIVE PIN
114	XPEC015M	E-CLIP 8MM
115	XD4107115	FRAME
116	XD4107116	COVER
117	XD4107117	SAFETY PAWL
118	XD4107118	SAFETY PAWL EXTENSION SPRING

REF	PART #	DESCRIPTION
119	XD4107119	HANDLE
120	XD4107120	WINDING PAWL
121	XD4107121	CASING PIPE
122	XPNO2M	HEX NUT M10-1.5
123	XPLW06M	LOCK WASHER 10MM
124	XPB13M	HEX BOLT M10-1.5 X 80
125	XD4107125	HANDLE GRIP
126	XD4107126	WINDING PAWL EXTENSION SPRING
127	XD4107127	GUIDE CLIP
128	XPB09M	HEX BOLT M8-1.25 X 20
129	XPNO3M	HEX NUT M8-1.25
130	XD4107130	GROOVED CAPTIVE PIN
131	XPEC015M	E-CLIP 8MM
132	XD4107132	HOOK CONNECTOR
133	XD4107133	HANGER
134	XD4107134	HANGER PULLEY
135	XD4107135	WARNINGS LABEL
136	XD4107136	MACHINE ID LABEL

