

RATCHET BEAM CLAMP

Part No. 11-125

INSTALLATION INSTRUCTIONS

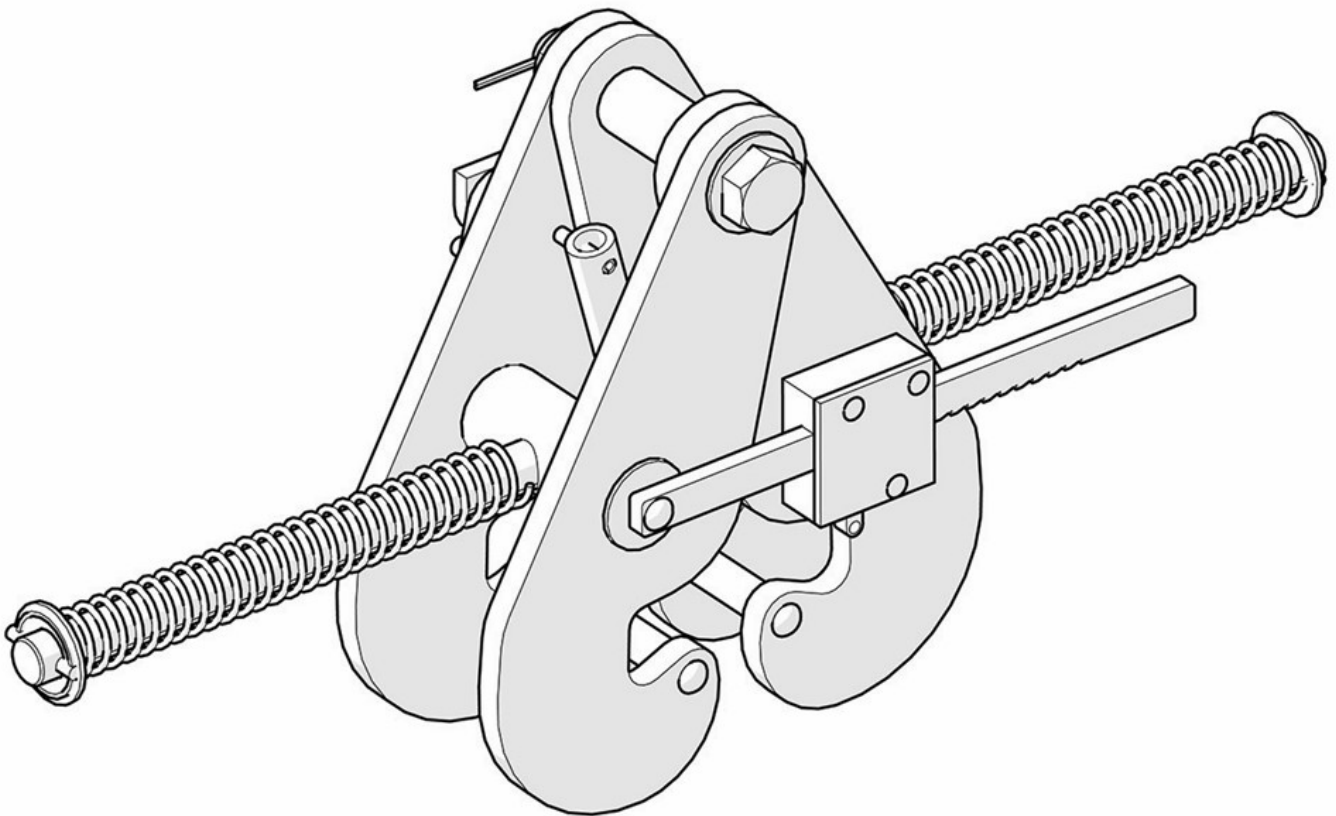


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PRODUCT INFORMATION & SAFETY WARNINGS

PRODUCT WARRANTY & INFORMATION



Scan the QR code to view detailed warranty information at wurtec.com. For questions or product support, contact Wurtec Customer Service at 1-800-837-1066. If a Declaration of Conformity is available for this product, it can be downloaded from its product page on wurtec.com.

EQUIPMENT DESCRIPTION & INTENDED USE

The ratchet beam clamp is a safe, portable tool that provides a secure anchor point in hard to reach places. It conforms to OSHA 1926.502, and is an approved anchor point for fall protection for up to two people. Additionally, the ratchet beam clamp can be used for hoisting and can support up to three tons (6600 lbs).

The ratchet beam clamp can be used alone or with the telescopic attaching rod accessory, which extends up to ten feet (part number #11-115, sold separately).

DANGER

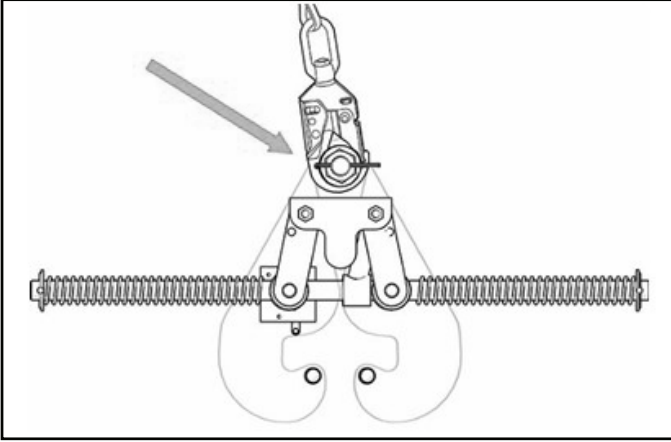
FAILURE TO COMPLY WITH THE FOLLOWING GUIDELINES WILL RESULT IN DEATH OR SERIOUS INJURY

EXCLUSION OF LIABILITY

This equipment should only be installed and serviced by trained personnel. This manual is intended as a guide only and is not a substitute for formal training; it may not cover every scenario or condition of use. Wurtec reserves the right to change product design and specifications without notice. Always use standard PPE, including safety glasses, gloves, boots, a hard hat, and fall protection.

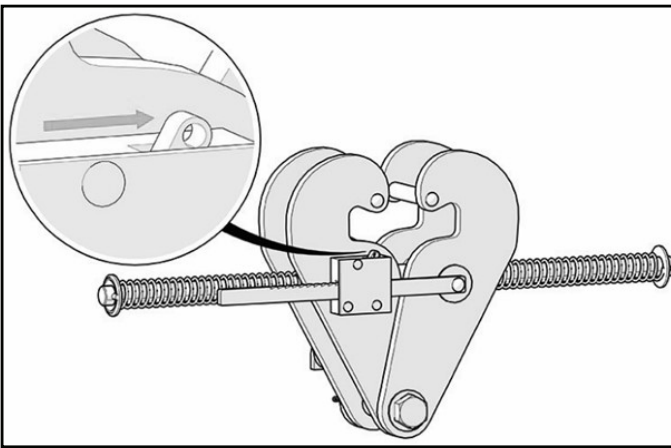
- Verify that the clamp is locked closed before loading.
- Inspect before each use, check hardware, and verify that the clamp is working.
- Latch must move freely, into place on every tooth.
- Lubricate with a light oil before each use.
- Do not use if any parts show signs of damage.
- The ratchet beam clamp will work on any beam with a 4-8" wide flange.
- The ratchet beam clamp conforms to OSHA 1926.502. It is approved as an anchor point for fall protection for up to two people.
- Use extreme caution when opening the clamp and when the clamp is locked in the open position. The clamp is spring loaded and presents a pinching/crushing risk.
- Verify that the ratchet beam clamp is correctly installed before each use. Failure to do so could result in the clamp falling from the I-beam.
- The ratchet beam clamp can support three tons for hoisting. Do not overload the clamp.

INSTALLATION



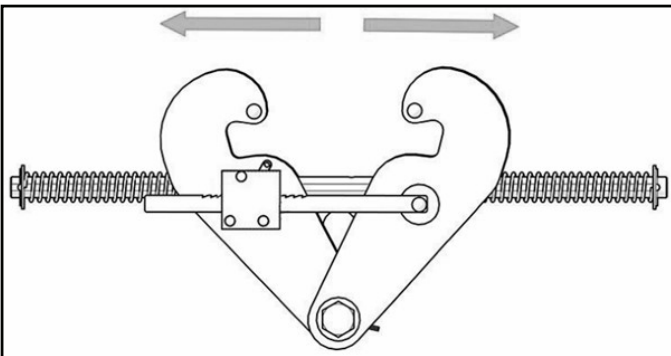
Step 1: Attaching a Safety Line

- Before opening the clamp, attach a life line or safety line to the safety bolt on the bottom of the clamp.
- Ensure that the hoistway is clear of personnel before installation.



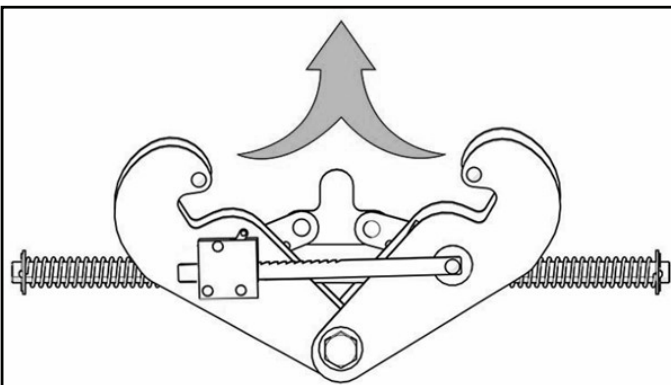
Step 2: Releasing the Lock Mechanism

- Press the small lever on the side of the ratchet beam clamp to release the locking mechanism.



Step 3: Opening the Clamp

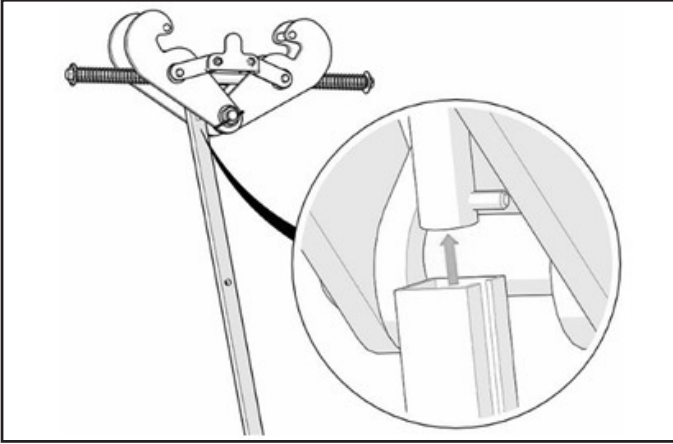
- *NOTE: Keep hands clear of the trigger mechanism while opening the clamp.
- While holding down the lever, pull apart the jaws of the clamp until it is in a fully opened position.



Step 4: Locking the Clamp

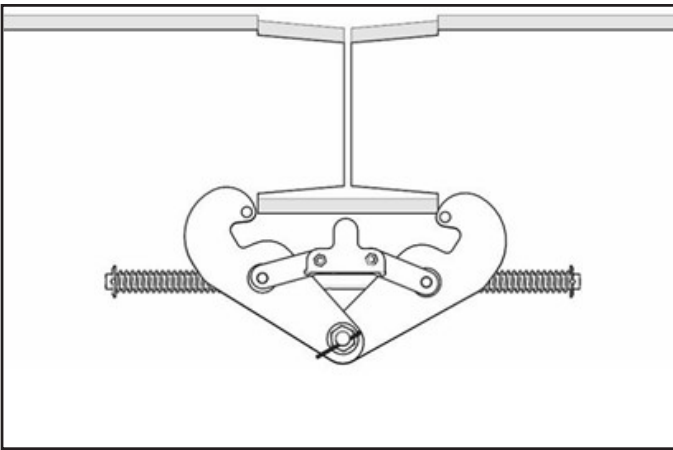
- When the clamp is fully opened, the clamp trigger will raise and lock the clamp into the open position.

INSTALLATION



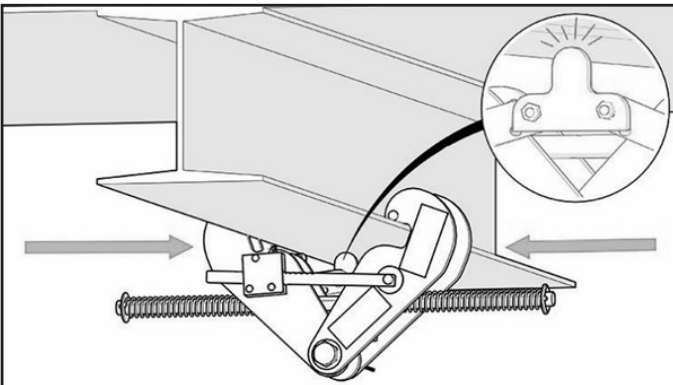
Step 5: Attaching the Telescopic Rod

- If a telescopic attaching rod is not required, skip to Step 6.
- Slide the channel of the telescopic attaching rod over the pin on the bottom of the clamp.
- *NOTE: The clamp rests on the rod, but is not secured.



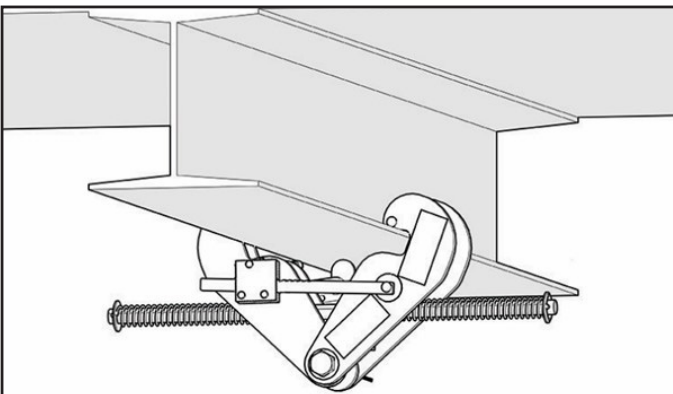
Step 6: Positioning the Clamp

- Position the clamp below the I-beam and orient it so the jaws will catch on the flange of the I-beam.



Step 7: Attaching the Clamp

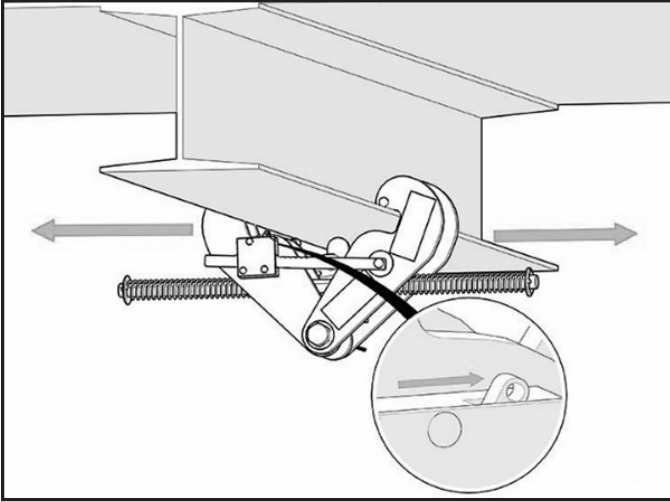
- Give the ratchet beam clamp a hard push upwards towards the flange of the beam.
- When the locking mechanism comes in contact with the beam, the clamp jaws will spring shut on the flange of the beam.



Step 8: Checking the Clamp

- Verify that the clamp is securely clamped onto both sides of the I-beam before use.

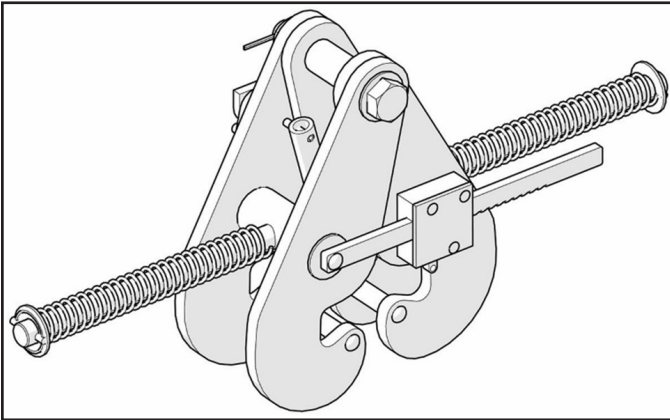
REMOVAL & STORAGE



Step 1: Removing the Clamp

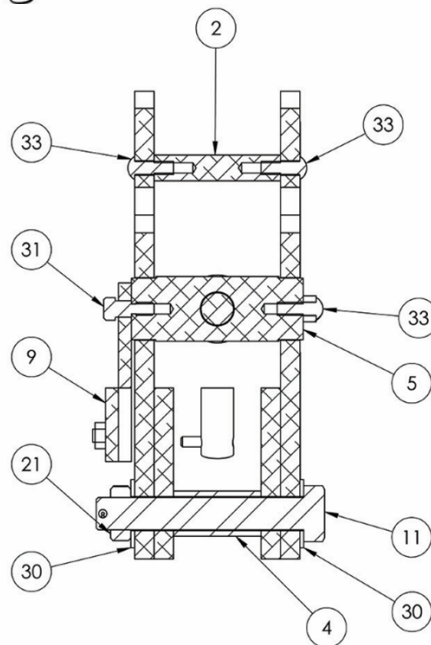
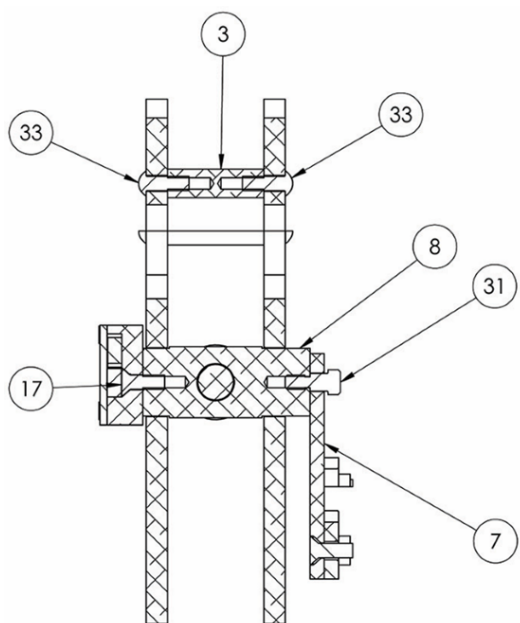
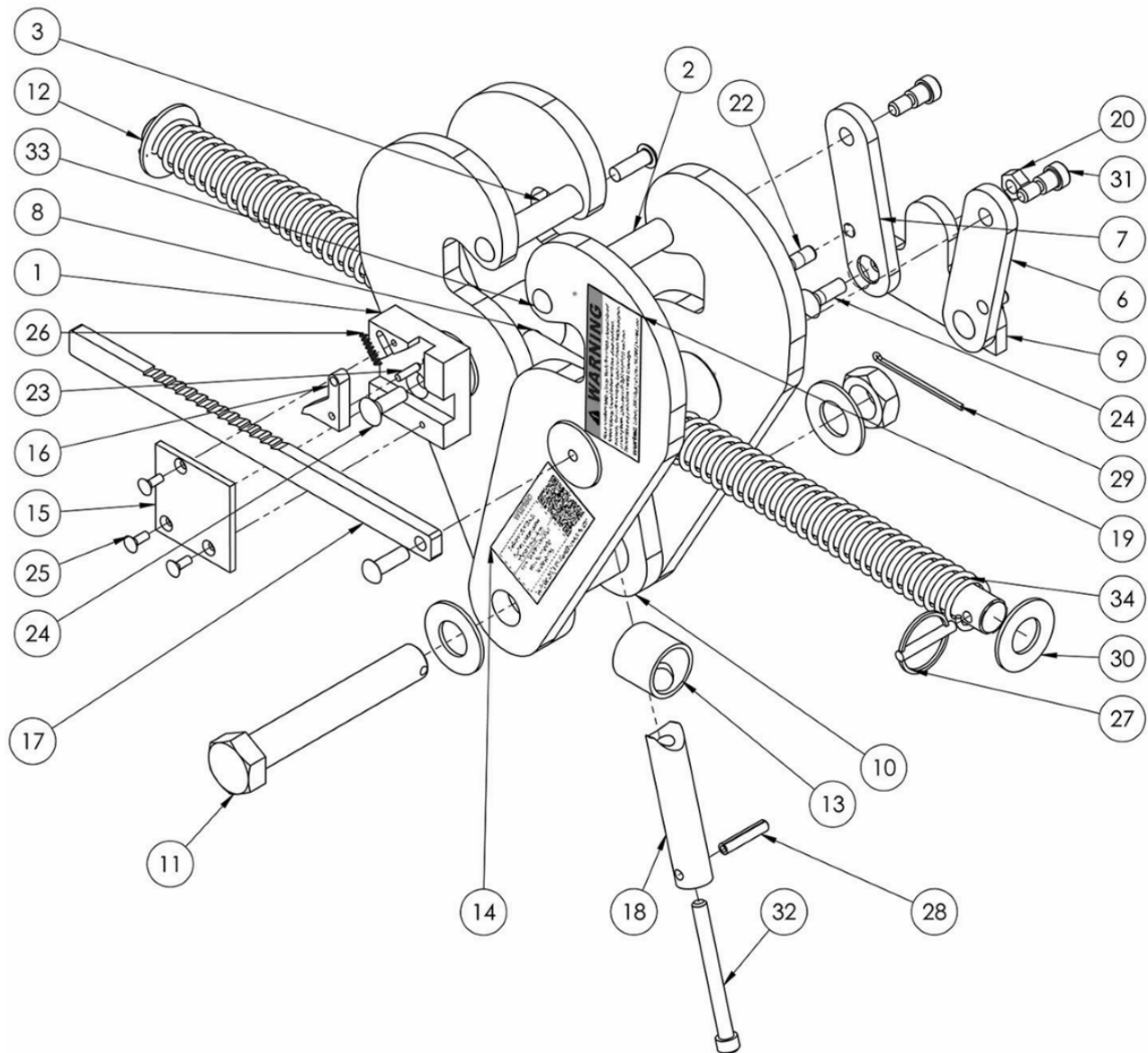
- Press the small lever on the side of the ratchet beam clamp to release the locking mechanism.
- While holding down the lever, pull apart the jaws of the clamp until it is in a fully opened position.
- Remove clamp from I-beam.
- Store in a safe, dry location.

DAILY CHECKS & MAINTENANCE



- Before use, open the clamp. Ensure that the jaws ratchet open smoothly.
- Use a tool with a long handle to trigger the clamp to ensure the locking mechanism is working properly.
- Lubricate with a light oil before each use.

BILL OF MATERIALS



BILL OF MATERIALS

Item	Part No.	Description	Size	Length	Spare/Wear
1	70-10060108	PAWL BODY	1.75" SQ	1/2"	-
2	70-10060098	SPACER	-	-	SPARE
3	70-10060099	SPACER	-	-	SPARE
4	70-10060104	SPACER	-	-	SPARE
5	70-10060095	LONG SPACER	-	-	SPARE
6	70-10060101	BEAM CLAMP LH LINK	-	-	-
7	70-10060102	BEAM CLAMP RH LINK	-	-	-
8	70-10060096	SHORT SPACER	-	-	SPARE
9	70-10060103	LINK ASSEMBLY TRIGGER	-	-	-
10	70-10060092	3 TON RATCHET CLAMP SIDE PLATE	-	-	-
11	70-10060105	SAFETY BOLT	5/8-11	4"	SPARE
12	70-10060109	PIN-BEAM CLAMP	-	-	SPARE
13	70-10060110	STOP COLLAR	-	-	-
14	11-10062162	BEAM CLAMP CAPACITY STICKER	-	-	-
15	11-120-02	PAWL COVER PLATE	1.75" SQ	1/8"	-
16	11-120-03	PAWL-RATCHET BEAM CLAMP	-	-	-
17	11-120-04	RACK-RATCHET BEAM CLAMP	-	-	-
18	11-120-09	PIN	-	-	SPARE
19	11-120-11	WARNING LABEL	-	-	-
20	90566A029	NYLON INSERT LOCK NUT	1/4-20	-	SPARE
21	94945A227	NYLON INSERT JAM NUT	5/8-11	-	SPARE
22	26749	DOWEL PIN	1/4"	1/2"	SPARE
23	26724	DOWEL PIN	1/8"	1/2"	SPARE
24	94224	FLAT HEAD SCREW	1/4-20	3/4"	SPARE
25	24178	FLAT HEAD SCREW	6-32	3/8"	SPARE
26	2520	SPRING #2520	-	-	SPARE
27	3HLA8	LINCH PIN (PACK OF 10)	3/16"	1.25	SPARE
28	64133	SLOTTED SPRING PIN	3/16"	1"	SPARE
29	65060	EXTENDED PRONG COTTER PIN	7/64"	2"	SPARE
30	33090	FLATWASHER	5/8"	-	SPARE
31	26190	SOCKET HEAD SHOULDER SCREW	5/16"	5/16"	SPARE
32	23213	SOCKET HEAD CAP SCREW	1/4-20	2 1/2"	SPARE
33	94051	BUTTON HEAD SCREW	1/4-20	3/4"	SPARE
34	8-1/2SPRING	8-1/2" LONG SPRING	-	-	SPARE

