

**OPERATING,
MAINTENANCE &
PARTS MANUAL**

**MANUALLY LEVER
OPERATED
CHAIN HOIST**

CM[®] Puller



Before installing hoist, fill in the information below.

Model No. _____

Serial No. _____

Purchase Date _____

Rated Load _____

Capacities: 3/4, 1-1/2, 3 and 6 tons (750, 1500, 3000 and 6000 kg.)

Follow all instructions and warnings for inspecting, maintaining and operating this hoist.

The use of any hoist presents some risk of personal injury or property damage. That risk is greatly increased if proper instructions and warnings are not followed. Before using this hoist, each operator should become thoroughly familiar with all warnings, instructions and recommendations in this manual. **Retain this manual for future reference and use.**

Forward this manual to operator. Failure to operate equipment as directed in manual may cause injury.

REPAIR PARTS

ORDERING INFORMATION

The following information must accompany all correspondence or repair parts orders.

- 1) Puller capacity
- 2) Serial Number - this is stamped on the Puller frame (640-100 or 640-101).

For parts orders also specify

- 1) Quantity desired
- 2) Key number of part
- 3) Part Name
- 4) Part number of the part

When ordering replacement parts, consideration should be given to the need to replace other items, (bushings, fasteners, etc.) and items that may be damaged or lost during disassembly or just unfit for future use because of

deterioration from age or service.

Parts should be ordered from CM's® Master Parts Depots conveniently located throughout the United States and Canada. Refer to the inside of the front cover of this manual to locate the Master Parts Depot nearest you.



WARNING

USING "COMMERCIAL" OR OTHER MANUFACTURER'S PARTS TO REPAIR THE CM® PULLERS MAY CAUSE LOAD LOSS.

TO AVOID INJURY:

USE ONLY CM® SUPPLIED REPLACEMENT PARTS. PARTS MAY LOOK ALIKE BUT CM® PARTS ARE MADE OF SPECIFIC MATERIALS OR PROCESSED TO ACHIEVE SPECIFIC PROPERTIES.

CM® PULLER PARTS LIST

KEY NO.	NO. REQ'D.	PART NAME	PART NUMBER			
			CAPACITY - TONS			
			3/4	1½	3	6
640-100	1	Frame with Bushings (3/4 Tons)	40684C	-	-	-
640-101	1	Frame with Bushings (1½-6 Tons)	-	40695C	-	40695C
640-102	1	Frame Expansion Plug	940787	-	-	-
640-103	1	Stripper Screw	982688	-	-	-
640-104	2	Chain Guide Attaching Screw	987274	-	-	-
640-105	1	Stripper	40728	-	-	-
640-106	2	Gear Cover Screw	-	-	982689	-
640-107	1	Chain Guide Attaching Screw	-	-	982565	-
640-108	1	Friction Hub Key	-	-	40917	-
640-109	1	Pinion Thrust Washer	-	-	40789	-
640-110	1	Brake Cam Key	-	-	40824	-
640-111	1	Brake-Adjusting Nut	-	-	40785	-
640-112	1	Brake Adjusting Nut Cotter Pin	-	-	940805	-
640-113	2	Lever Cap Screw	-	-	982717	-
640-114	1	Liftwheel	40130	-	40140	-
640-115	1	Chain Guide	40698B	-	24718	-
640-116	1	Liftwheel Bushing (Gear End)	-	-	40816	-
640-117	1	Liftwheel Bushing (Brake End)	-	-	40817	-
640-118	1	Pinion Shaft Bushing (Brake End)	-	-	40818	-
640-119	1	Pinion Shaft Bushing (Pinion End)	-	-	40819	-
640-120	1	Gear Cover	-	40209	-	40217
640-121	1	Pinion Shaft	-	-	40480	-
640-122	1	Friction Hub	-	-	40446	-
640-123	2	Friction Washer	-	-	40904	-
640-124	1	Ratchet with Bushing	-	-	40662	-
640-125	1	Lever Ratchet Hub For Units Not Equipped With Load Limiter	-	-	40570	-
640-126	1	Brake Cam	-	-	40122	-
640-127	1	Lever Assembly (Includes Lever, Expansion Plug, Plunger, Plunger Spring, Spring Pin Trigger, Trigger Pin, Warning Label and Nameplate)	-	-	40663 For Units Without Load Limiter 40928 For Units With Load Limiter	-
640-128	1	Load Sentry Assembly	4096	-	4098	-
640-129	1	Ratchet Plunger	-	-	40517	-
640-130	1	Ratchet Plunger Spring	-	-	40742	-
640-131	1	Ratcher Plunger Spring Pin	-	-	983880	-
*640-132	1	Upper Hook Assembly (Includes Latch)	40601	40603	40605	40607
640-133	1	Upper Hook Nut or Collar	986383	40445	40382	70393
640-134	1	Upper Hook Pin	983768	45841	982335	983787
640-135	1	Upper Hook Washer	-	-	-	40736
640-136	1	Anchor Sling	4071	4072	-	-
640-137	1	Lever Cap	-	-	40576	-