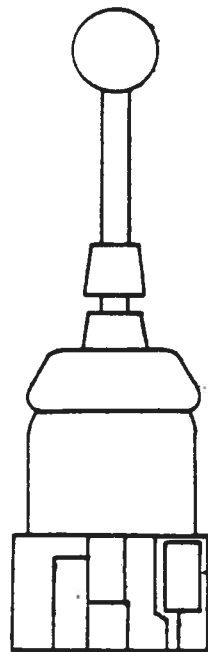


Westinghouse control valves bearing the following series markings are to be installed as shown.

P-52784-1
P-52785-1
P-52867-2
P-52868-1
P-54869-1



The 3rd port and the name plate are to face the right hand side of the crane.

RETRACTABLE A-FRAME ERECTION PROCEDURE
9520/9530 TRUCK CRANE

The Model 9520/9530 truck crane has two boom drums. The right hand drum is for boom hoisting operations, and the left hand drum is for raising the A-Frame. Use the following procedure for erecting the A-Frame.

Assemble the boom inner section to the machinery deck. Reeve the boom suspension according to the diagram on page 618. **CAUTION:** The boom inner section alone is insufficient to raise the A-Frame. Either lash the boom inner to the carrier or add another boom section.

Place only three (3) wraps of rope on the left hand boom drum. This drum alone is used for A-Frame erection. Less rope on the drum will result in insufficient line pull, and more initial wraps will result in too much rope on the drum when the A-Frame is in the full up position. After the three wraps have been placed on the left boom drum, its control should be centered; "NORMAL BOOMING". Wrap the surplus boom hoist line on the right hand boom drum.

Both drums are operated from the regular boom hoist control, but each drum may be independently locked off for reeving and A-Frame erection.

NOTE: It is necessary to lower the boom below a certain angle before the left hand boom drum may be used for A-Frame operation. A green light will come on in the cab when the boom has been lowered far enough to allow the left boom drum to operate. The light is activated by a limit switch. The jaw clutch may not be shifted to the left drum with the boom above the angle of the limit switch setting.

Tighten up the slack in the right hand boom drum line, then place the drum control in the top position "BOOM SPRAG OUT", R. H. DOG IN". Unpin the A-Frame from its lower position. Place the left hand boom drum control in the top "RAISE A-FRAME" position. Be certain the jaw clutch has fully engaged. Gently raise the A-Frame up against its stops and pin it in place. As the left drum begins to move, you will hear the drum dog ratcheting over each gear tooth. Return the left hand boom drum control to "NORMAL BOOMING", and move the right hand boom drum control to its center "BOOM SPRAG IN, R. H. DOG IN" for normal boom hoisting.

OPERATION	L. H. BOOM DRUM
RAISE A-FRAME	DOG — IN JAW CL — IN
NORMAL BOOMING	DOG — IN JAW CL — OUT
LOWER A-FRAME	DOG — OUT JAW CL — IN

HOLD
BOOM
HOIST
POWER BOOM
LOWER

BOOM SPRAG	R. H. BOOM DRUM DOG
OUT	IN
IN	IN
IN	OUT



900 SERIES COUNTERWEIGHT BOLT TORQUE CHART

Model (Cranes)	Bolt Torques								Ctwt Type
	(Ft./Lbs.)				(k/gm)				
	Horizontal		Vertical		Horizontal		Vertical		
	Dry	Lubed	Dry	Lubed	Dry	Lubed	Dry	Lubed	
975	4,600	---	2,721	---	636	---	376	---	A-B
995	4,600	---	2,721	---	636	---	376	---	A-B-C J
	4,600	---	---	---	636	---	---	---	
997	4,600	---	2,721	---	636	---	376	---	A-B-C J
	4,600	---	---	---	636	---	---	---	
998	4,600	---	2,721	---	636	---	376	---	G-F or A-D-E K-Kor J
	5,000	---	---	---	690	---	---	---	
999	4,600	---	2,721	---	636	---	376	---	A-D-D-E-E or A-D-E-C K-K A-D-E-C or L or L-L
	5,000	---	---	---	690	---	---	---	
	5,000	4500	2,721	---	690	622	376	---	
9220 & 9260	4,600	---	2,721	---	636	---	376	---	K-K, G-D-E M or M-M
	5,000	4500	2,721	---	690	622	376	---	
9270	4,600	---	2,721	---	636	---	376	---	G-D-E-F N or N-N
	5,000	4500	2,721	---	690	622	376	---	
9280	4,600	---	2,721	---	636	---	376	---	G-D-E-C
9299	4,600	---	2,721	---	636	---	376	---	G-D-E-C P or P-P
	5,000	4500	2,721	---	690	622	376	---	
9310	5,000	4500	2,721	---	690	622	376	---	S-S
9720	5,000	4500	---	---	690	622	---	---	K-Kor J
9750	5,000	---	2,721	---	690	---	376	---	P-P



LOADING MATERIAL

3/4" Dia. (19.05mm) x 20" (50.80cm)	Tie Rod	4 Req'd.
3/4" Dia. (19.05mm) x 12" (30.48cm)	Bolt	18 Req'd.
3/4" Dia. (19.05mm) x 15" (38.10cm)	Bolt	4 Req'd.
3/4" Dia. (19.05mm) x 11" (27.94cm)	Bolt	2 Req'd.
5/8" Dia. (15.88mm) x 40' (12.19m)	Wire Rope	6 Req'd.
5/8" (15.88mm)	Wire Rope Clips (Crosby)	36 Req'd.

ADDITIONAL BLOCKING REQUIRED FOR UNLOADING

8" x 8" x 28" (20.32cm x 20.32cm x 71.12m)	Oak	Blocking Under Carbody	40 Req'd.
6" x 6" x 28" (15.24cm x 15.24cm x 71.12m)	Oak	Blocking Under Carbody	10 Req'd.
4" x 6" x 28" (10.16cm x 15.24cm x 71.12m)	Oak	Blocking Under Carbody	6 Req'd.

Full Version Available

American Crane Corporation 900 Crawler Crane Operator Manual

American Crane Corporation 900 crawler crane operator manual, covering setup, boom rigging, ratings, lubrication and care. 10 PDF files.

VIEW THE FULL MANUAL

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