

## SERIES DESIGNATIONS

### 4600 SERIES 4 and 5

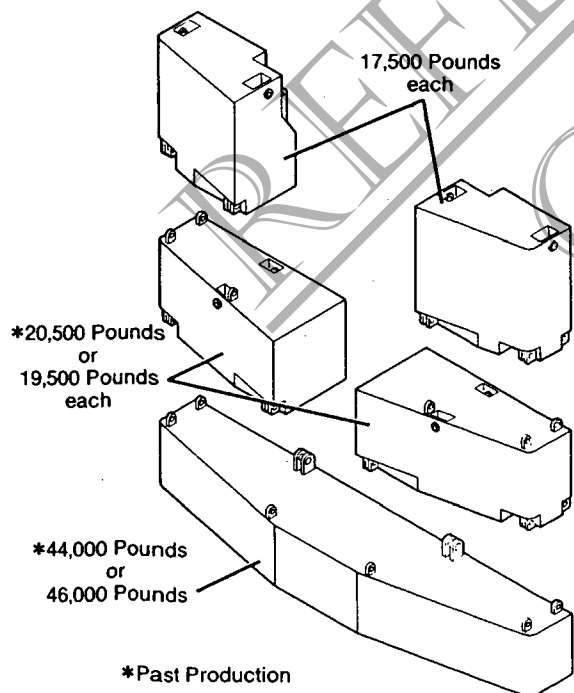
The 4600 Series 5 is an upgraded version of the 4600 Series 4. This folio describes the major characteristics which distinguish the 4600 Series 4 from the 4600 Series 5 (see Table A).

**TABLE A**

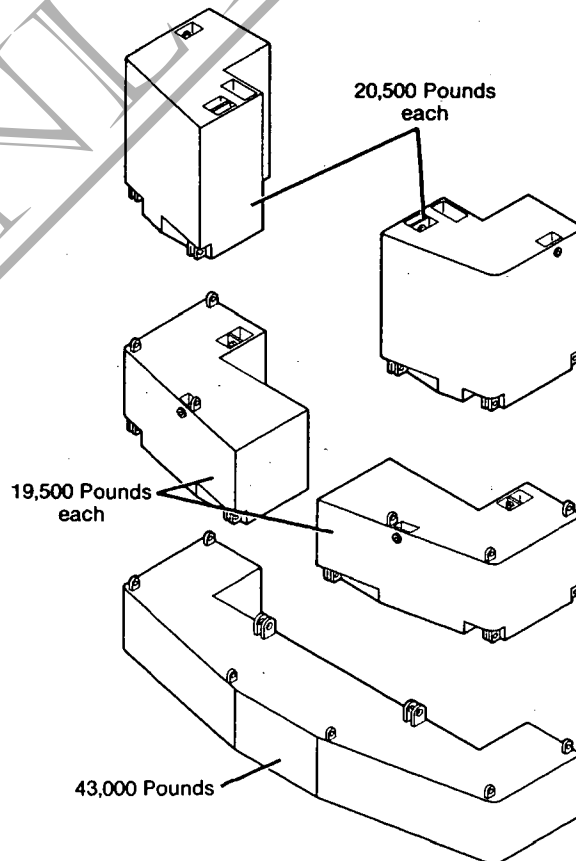
SERIES NUMBER	BOOM NUMBER (see Figure 6)	COUNTERWEIGHT ARRANGEMENT	
		Serial Numbers 460002 to 460045 (see Figures 1, 3, and 5)	Serial Numbers 460046 to Present (see Figures 2, 4, and 5)
4600 Series-4	27B (Boom Butt Number 65227 or 66141)	5 Upper 120,000 Pounds	5 Upper 123,000 Pounds
4600 Series-5 (conversion)	27B (Boom Butt Number 66141)	7 Upper 161,400 Pounds	7 Upper 164,400 Pounds
		2 Carbody 110,000 Pounds	

**CAUTION**

**DO NOT** exceed capacity of crane!  
**BE SURE** crane is equipped with correct amount of counterweight and is rigged per rigging drawing called for on Capacity Chart.



**Figure 1** 4600 Series-4 Upper Counterweight  
 (120,000 Pounds)



**Figure 2** 4600 Series-4 Upper Counterweight  
 (123,000 Pounds)

# CAUTION

Series-5 (upper) counterweight are unstable until pinned in position. DO NOT release assist crane until Series-5 counterweight is pinned in position; otherwise, counterweight can fall.

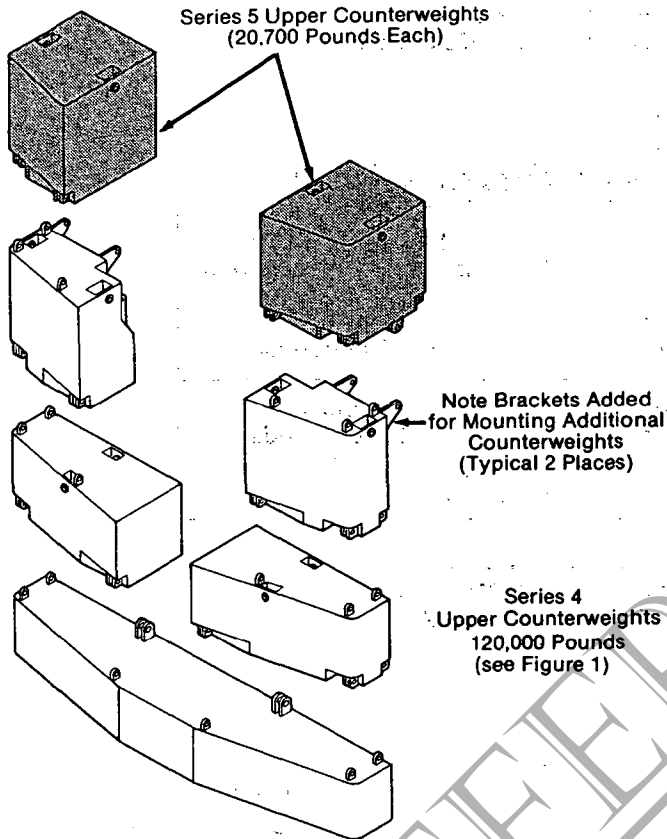


Figure 3 4600 Series-5 Upper Counterweight (161,400 Pounds)

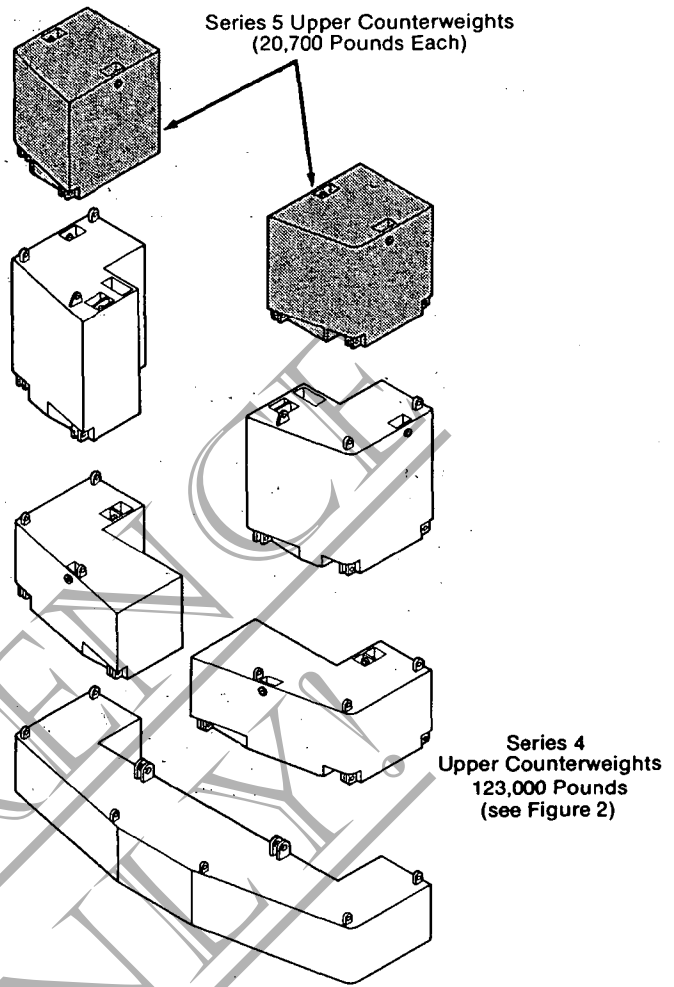


Figure 4 4600 Series-5 Upper Counterweights (164,400 Pounds)

# CAUTION

Both carbody counterweights MUST ALWAYS be attached to carbody BEFORE attaching Series-5 (upper) counterweights to Series-4 (upper) counterweights. Likewise, Series-5 (upper) counterweights MUST BE REMOVED from Series-4 (upper) counterweights BEFORE removing carbody counterweights.

NEVER operate machine with Series-5 (upper) counterweights in place unless both carbody counterweights are also in place.

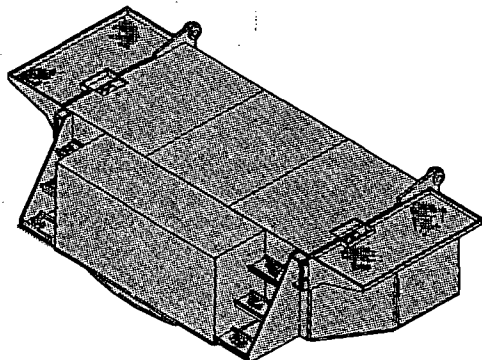


Figure 5 4600 Series-5 Carbody Counterweights (55,000 Pounds Each, 1 Front and 1 Rear)

## BOOM IDENTIFICATION

Cranes equipped with boom butt number 65227 must have the eight **diagonal** lacings at the front of the butt section replaced with larger lacings to reinforce the butt (see Figure 6). Make this modification per drawing number 420332.

After completing the boom butt modification, the butt shall be stamped with part number 66141X. The date on which the work was completed shall be stamped after the part number.

**NOTE** The boom butt part number is stamped on the lower right and upper left boom connectors.

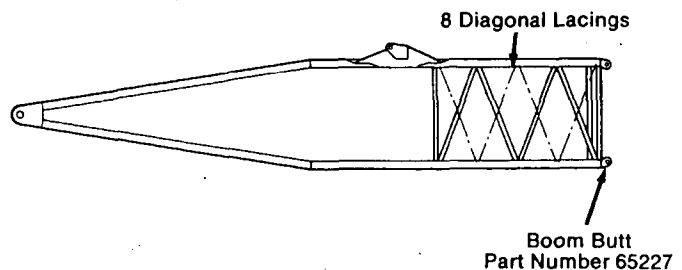


Figure 6 Boom Butt Modification