

CHAPTER

55

STABILIZER



757
ILLUSTRATED TOOL AND EQUIPMENT MANUAL

CHAPTER 55
STABILIZER

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PART NUMBER: B55002-15

NAME: SUPPORT EQUIPMENT - HORIZONTAL STABILIZER

AIRPLANE MAINTENANCE: YES

COMPONENT MAINTENANCE: NO

USAGE & DESCRIPTION: The B55002-15 support equipment is used on all 757 airplanes. B55002 is used to support the horizontal stabilizer during removal or installation of the pivot pin. In addition, B55002 is used during inspection of the pivot bearing. Refer to AMM 55-17-51 for complete usage instructions. B55002-15 consists of:

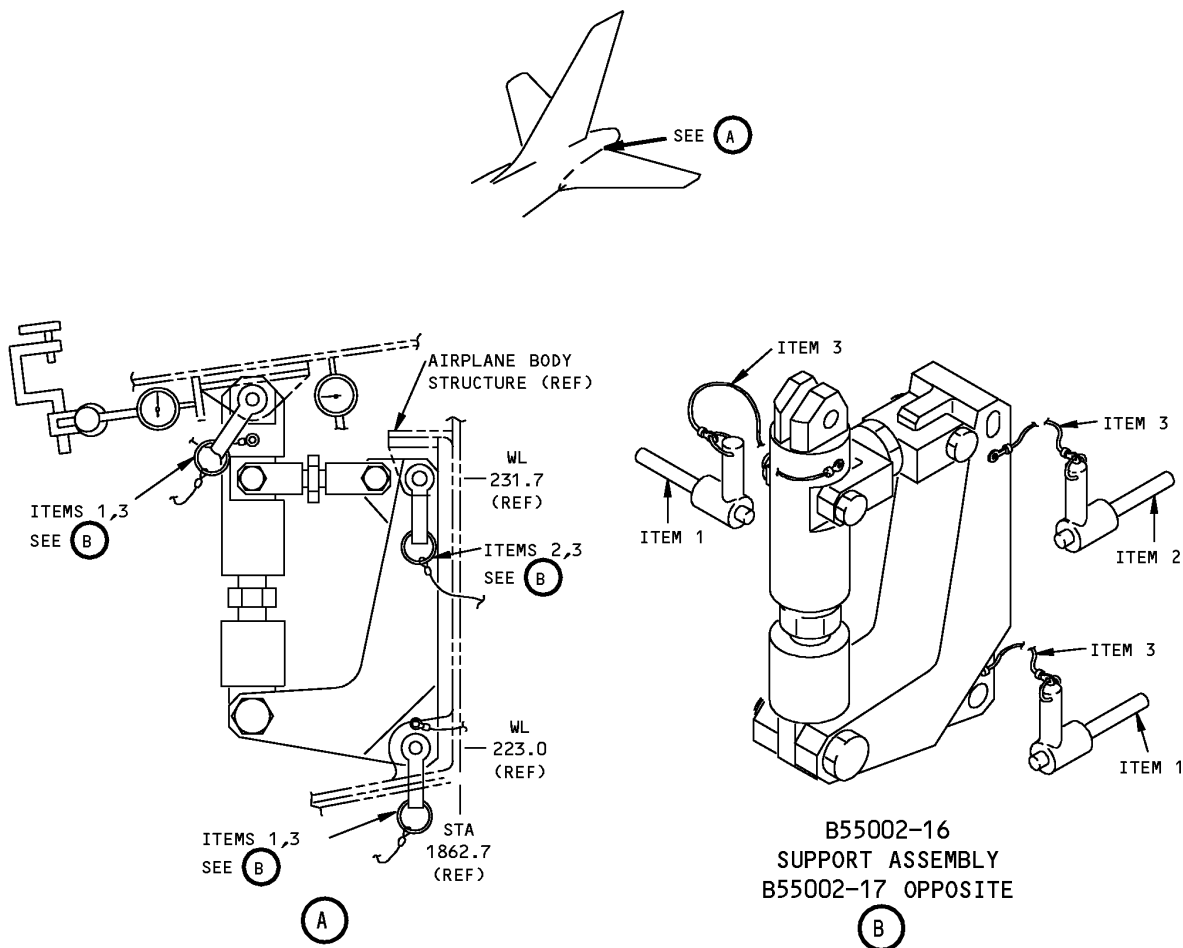
B55002-15		
QUANTITY	NOMENCLATURE	PART NUMBER
1	SUPPORT ASSEMBLY	B55002-1
1	SUPPORT ASSEMBLY	B55002-1
2	DIAL INDICATOR	25-128J
2	CLAMP	PT99437
2	SWIVEL JOINTS	PT18718
2	UNIVERSAL BACK	672-2
1	STORAGE BOX	

WEIGHT: 25 lbs (11 kg)

DIMENSIONS: 10 x 14 x 20 inches (254 x 356 x 508 mm)

NOTE: B55002-15 Supersedes B55002-1.

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**Horizontal Stabilizer Support Equipment
Figure 1**

REPAIRABLE/REPLACEABLE PARTS			
ITEM NO.	PART NO.	NOMENCLATURE	VENDOR CODE
1	NAS1338C5C1.8D	BALL LOCK PIN	
2	NAS1338C5C2.7D	BALL LOCK PIN	
3	CL-63-KA-10.0	LANYARD	V99862



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PART NUMBER: B55003-27

NAME: TOOL SET - HORIZONTAL STABILIZER HINGE BEARING

AIRPLANE MAINTENANCE: YES

COMPONENT MAINTENANCE: NO

USAGE & DESCRIPTION: The B55003-27 tool set is used on all 757 airplanes. B55003 is used to remove the retaining nut, outer pins and spanner nut on the horizontal hinge bearing assembly. Refer to AMM 55-17-51 for complete usage instructions. B55003-27 consists of:

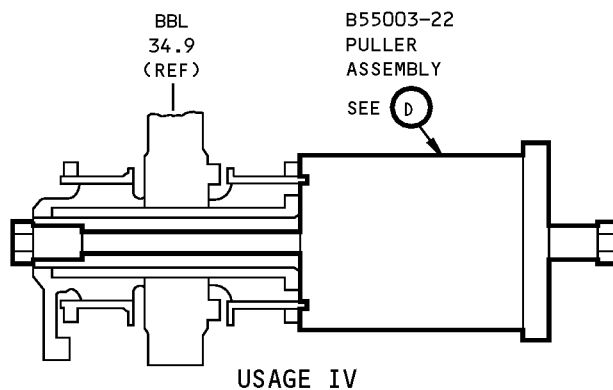
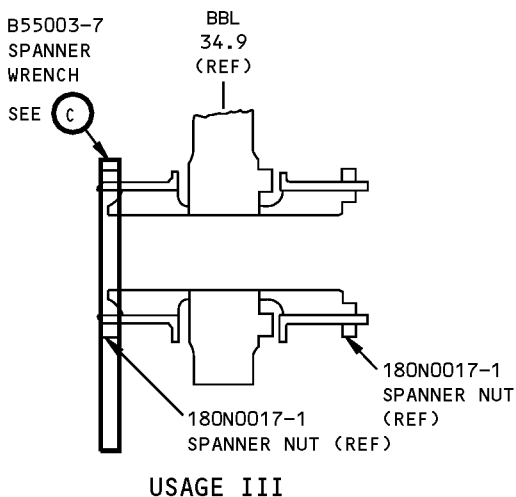
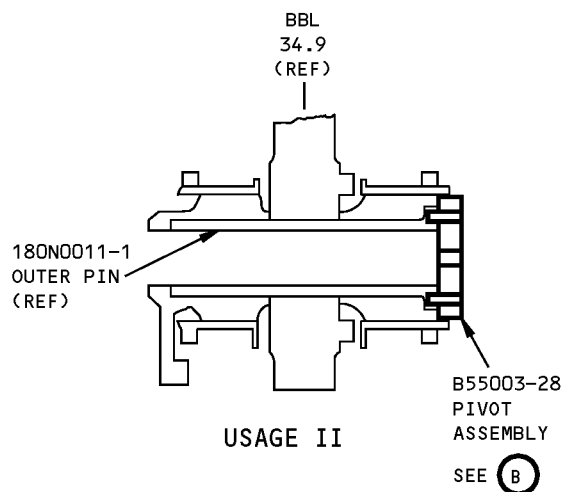
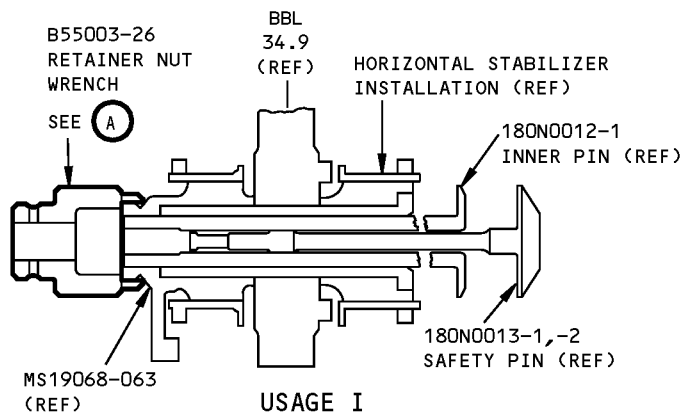
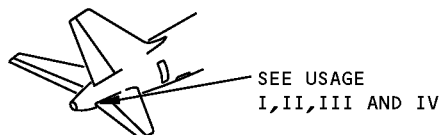
B55003-27		
QUANTITY	NOMENCLATURE	PART NUMBER
1	PIVOT ASSEMBLY	B55003-28
1	SPANNER WRENCH	B55003-7
1	PULLER ASSEMBLY	B55003-22
1	RETAINING NUT WRENCH	B55003-26
1	STORAGE BOX	

WEIGHT: 18 lbs (8 kg)

DIMENSIONS: 6 x 10 x 16 inches (152 x 254 x 406 mm)

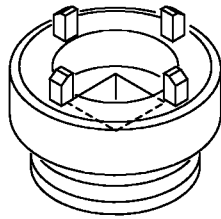
NOTE: B55003-27 supersedes B55003-25.

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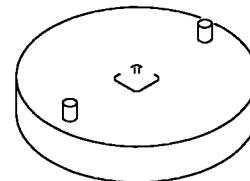
Horizontal Stabilizer Hinge Bearing Tool Set
Figure 1 (Sheet 1 of 2)

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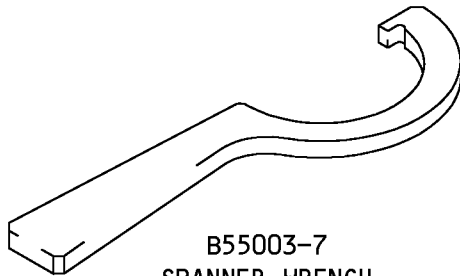
B55003-26
RETAINING NUT WRENCH

(A)



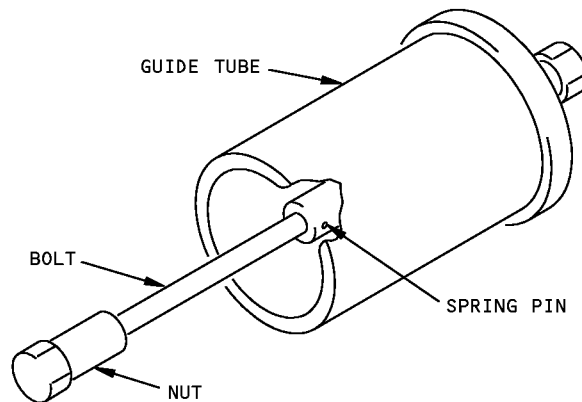
B55003-28
PIVOT ASSEMBLY

(B)



B55003-7
SPANNER WRENCH

(C)



B55003-22
PULLER ASSEMBLY

(D)

Horizontal Stabilizer Hinge Bearing Tool Set
Figure 1 (Sheet 2 of 2)



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PART NUMBER: B55001-31

NAME: SLING EQUIPMENT - VERTICAL STABILIZER

AIRPLANE MAINTENANCE: YES

COMPONENT MAINTENANCE: NO

USAGE & DESCRIPTION: The B55001-31 sling equipment is used on all 757 airplanes. B55001 is used for removal or installation of the vertical stabilizer. Refer to the current B55001 drawing and the "757 Airplane Recovery Document" (ARD), section 2-60-2 for complete usage instructions. B55001-31 consists of:

B55001-31		
QUANTITY	NOMENCLATURE	PART NUMBER
1	SPREADER ASSEMBLY	B55001-2
2	SLING ASSEMBLY	B55001-3
2	TETHERING CABLE ASSEMBLY	B55001-4
1	AFT FITTING ASSEMBLY	B55001-5
1	AFT FITTING ASSEMBLY (OPPOSITE -5)	B55001-6
2	TETHERING FITTING ASSEMBLY	B55001-7
2	FORWARD FITTING ASSEMBLY	B55001-8
1	BASE ASSEMBLY	B55001-30 ^{*[1]}
1	STORAGE BOX	

*[1] The B55001-30 BASE ASSEMBLY IS USED FOR STORAGE PURPOSES OR WHEN REQUIRED TO ORIENT THE STABILIZER TO A HORIZONTAL ATTITUDE.

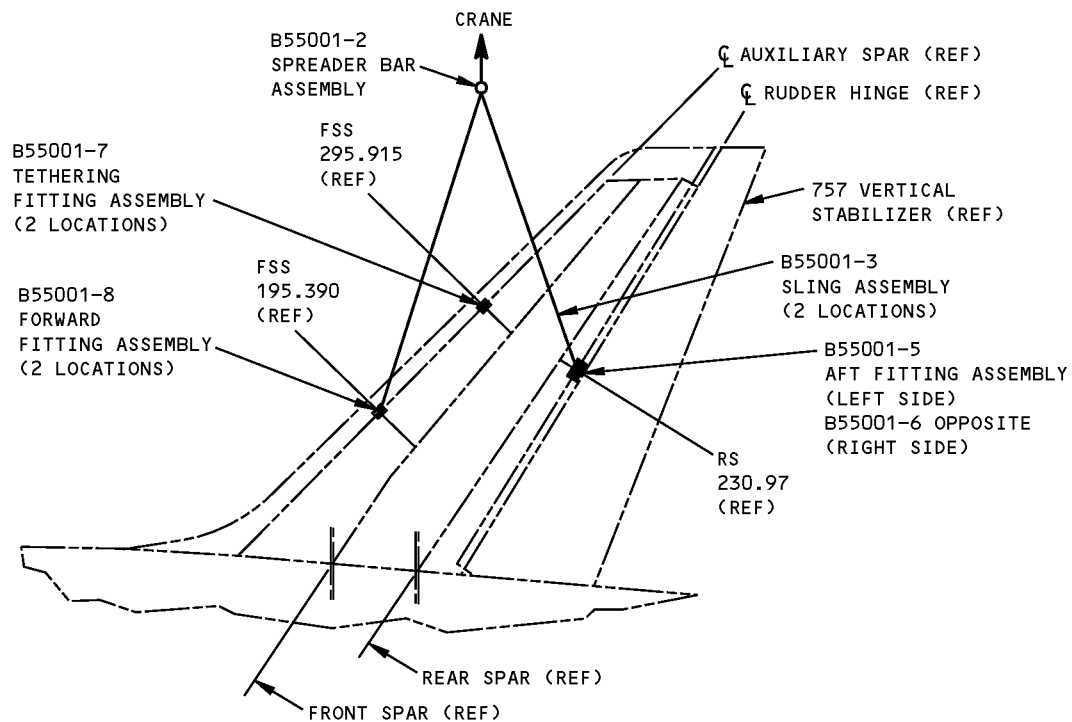
WEIGHT: B55001-31 sling equipment (box equipment, without B55001-30) - 110 lbs (50 kg)
B55001-30 base assembly - 450 lbs (204 kg)

DIMENSIONS: B55001-31 sling equipment (box equipment, without B55001-30) - 24 x 24 x 48 inches (610 x 610 x 1219 mm)
B55001-30 base assembly - 6 x 38 x 130 inches (152 x 965 x 3302 mm)

NOTE: B55001-31 supersedes B55001-1.

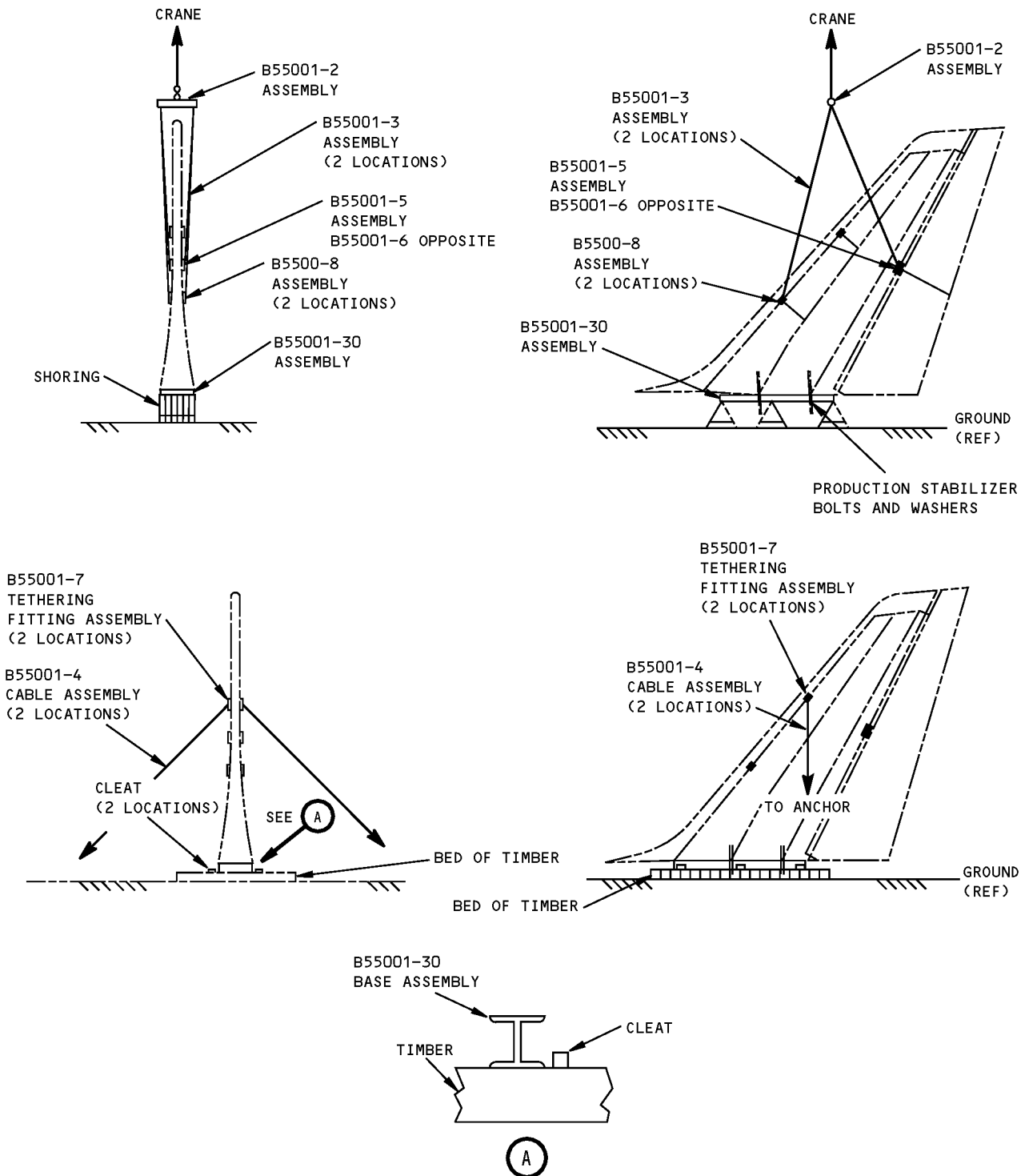
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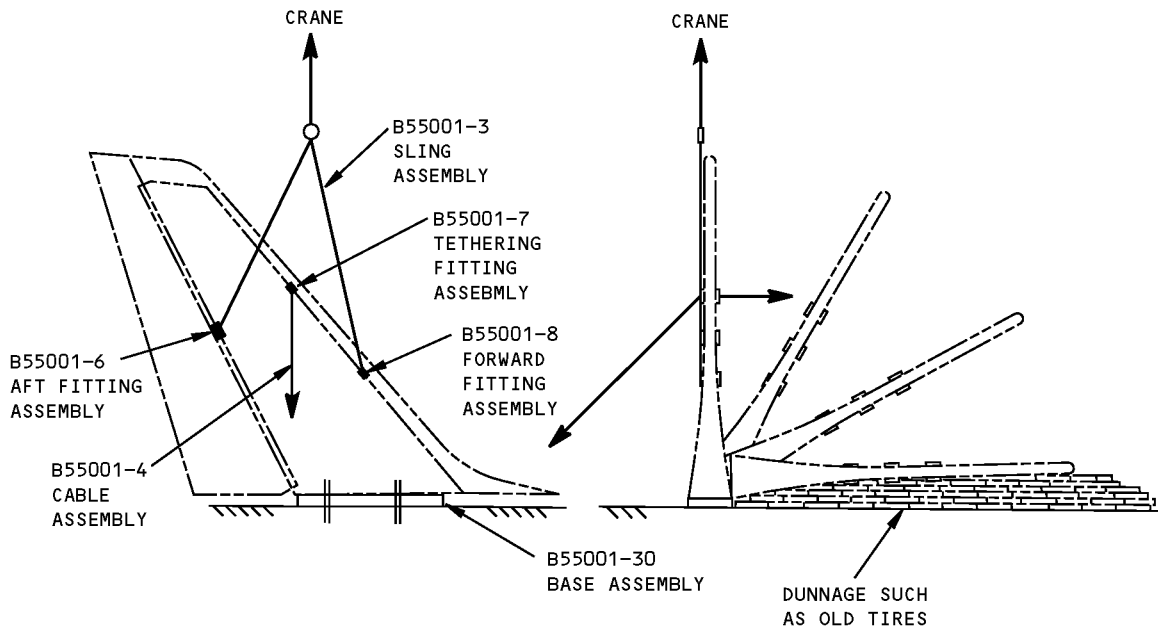


Vertical Stabilizer Sling Equipment
Figure 1 (Sheet 1 of 3)

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Vertical Stabilizer Sling Equipment
Figure 1 (Sheet 2 of 3)



**Vertical Stabilizer Sling Equipment
Figure 1 (Sheet 3 of 3)**