

CATERPILLAR E110B

8MF / XEBP7168

Contents

Section	Page
Basic engine	2

SPECIFICATION

Specification

Drawing 1 of 1

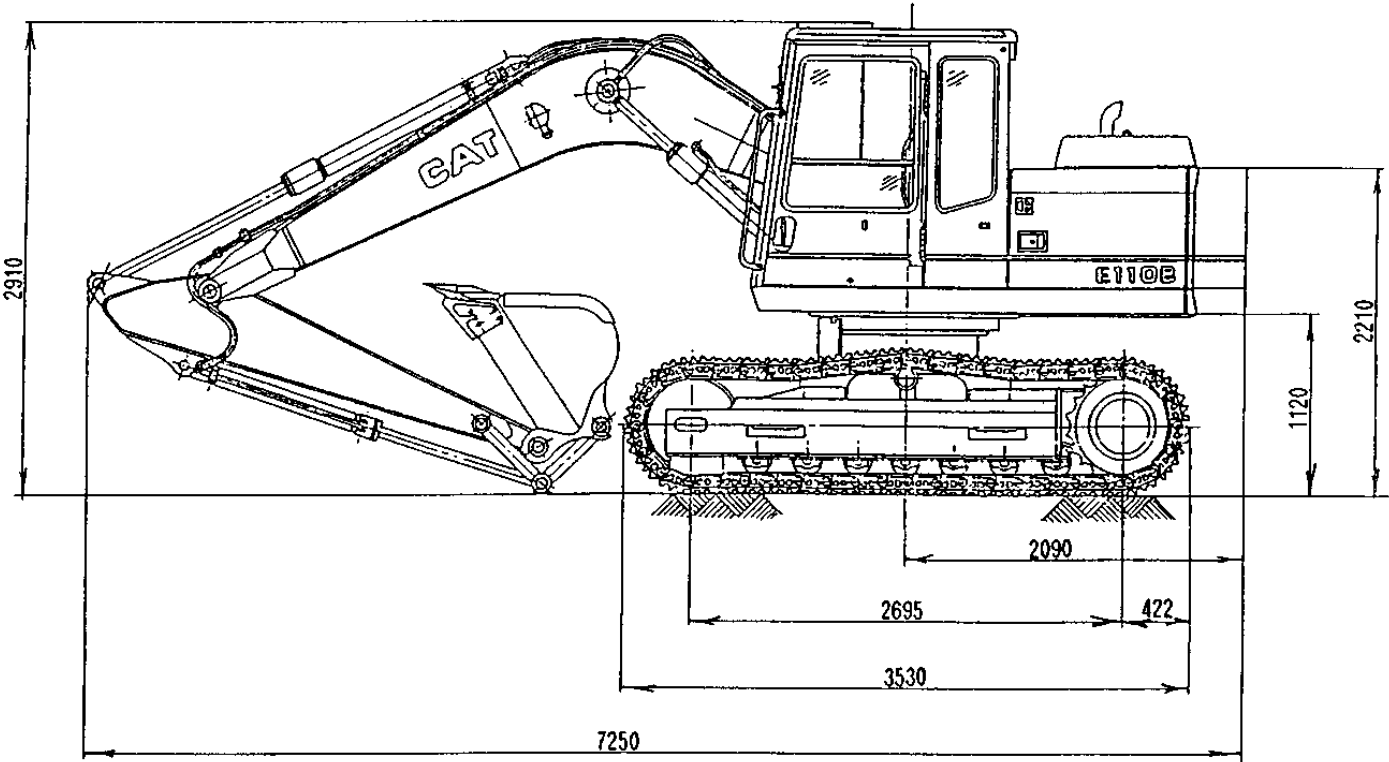
Model	E110B Low Ground Pressure Arrangement			
Operating Weight	13.0 ton		13.3 ton	
Length at Transportation	7250 mm			
Height at Transportation	2910 mm			
Width at Transportation	2760 mm (770 mm Shoe)			
Width of Shoe	770 mm GT	770 mm TC	950 mm GT	950 mm TC
Ground Pressure	0.28 kgf/cm ²		0.24 kgf/cm ²	
Ground Clearance	550 mm			
Swing Radius (Rear)	2150 mm			
Rated Engine Horse Power	89 HP / 1800 rpm			
Swing Speed	10.8 rpm			
Travel Speed	2.4 km/h			
Gradeability	35 °			

Ref.	Part number	Description	Qty	Code	Group page
Parts list rows are not synced on this VPS for XEBP7168/XEBP71680001 yet.					

GENERAL VIEW

General View

Drawing 1 of 1

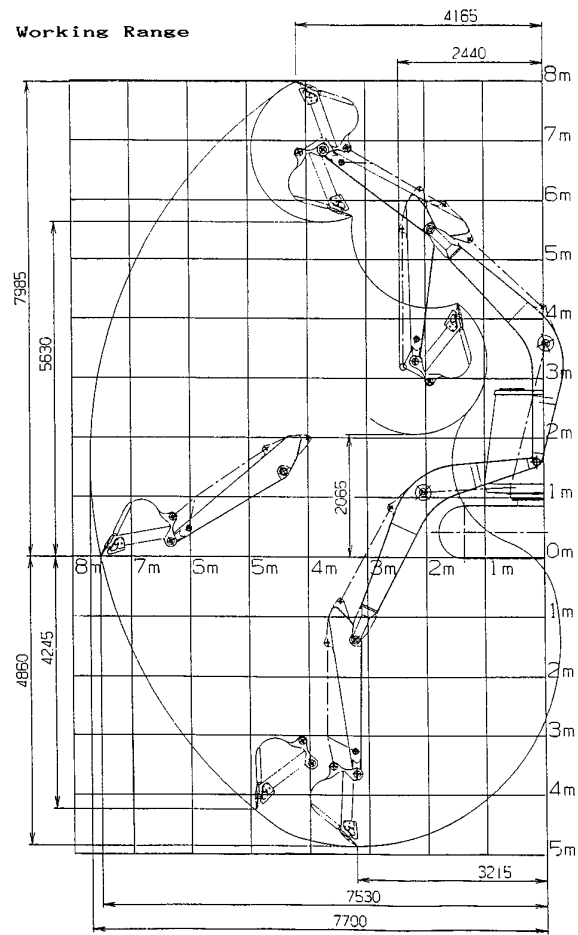


Ref.	Part number	Description	Qty	Code	Group page
Parts list rows are not synced on this VPS for XEBP7168/XEBP71680002 yet.					

WORKING RANGE

Working Range

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
Parts list rows are not synced on this VPS for XEBP7168/XEBP71680003 yet.					

LIFTING CAPACITY

Lifting Capacity E110B NC LGP with MEDIUM STICK

Drawing 1 of 1

0.40-BACKHOE BUCKET
950 MM GT SHOE

LIFT POINT HEIGHT	L O A D R A D I U S														MAXIMUM LOAD RADIUS		
	1.5 m 5.0 ft		3.0 m 10.0 ft		4.5 m 15.0 ft		6.0 m 20.0 ft								OVER FRONT	OVER SIDE	m ft
	OVER FRONT	OVER SIDE	OVER FRONT	OVER SIDE	OVER FRONT	OVER SIDE	OVER FRONT	OVER SIDE									
6.0 m 20.0 ft	kg lb				* 1850 * 4200	* 1850 * 4200									* 950 * 2050	* 950 * 2050	6.08 19.70
4.5 m 15.0 ft	kg lb				* 2200 * 4750	* 2200 * 4750	* 1650 * 2800	* 1650 * 2800							* 900 * 1900	* 900 * 1900	6.95 22.69
3.0 m 10.0 ft	kg lb		* 3650 * 7750	* 3650 * 7750	* 2750 * 5900	* 2750 * 5900	* 2400 * 5250	2100 4500							* 900 * 1950	* 900 * 1950	7.35 24.10
1.5 m 5.0 ft	kg lb		* 5600 * 12100	* 5600 * 12100	* 3600 * 7750	3150 6750	* 2750 * 5950	2000 4300							* 950 * 2100	* 950 * 2100	7.39 24.25
GROUND LINE	kg lb		* 4650 * 10000	* 4650 * 10000	* 4150 * 9000	2950 6400	2750 5850	1950 4150							* 1100 * 2400	* 1100 * 2400	7.06 23.16
-1.5 m -5.0 ft	kg lb	* 3950 * 8900	* 3950 * 8900	* 5400 * 12400	* 5400 11850	4150 8950	2900 6250	2700 5750	1900 4100						* 1400 * 3100	* 1400 * 3100	6.30 20.61
-3.0 m -10.0 ft	kg lb	* 7850 * 17800	* 7850 * 17800	* 5200 * 11200	* 5200 * 11200	* 3600 * 7650	2950 6350								* 2150 * 4850	* 2150 * 4850	4.86 15.77

W13341

* --- LIMITED BY HYDRAULIC CAPACITY RATHER THAN TIPPING LOAD.

THE ABOVE LOADS ARE IN COMPLIANCE WITH SAE HYDRAULIC EXCAVATOR LIFT CAPACITY RATING STANDARD J1097.

THEY DO NOT EXCEED 87% OF HYDRAULIC LIFTING CAPACITY OR 75% OF TIPPING CAPACITY.

WEIGHT OF ALL LIFTING ACCESSORIES MUST BE DEDUCTED FROM THE ABOVE LIFTING CAPACITIES.

Ref. Part number Description

Qty Code Group
page

Parts list rows are not synced on this VPS for XEBP7168/XEBP71680004 yet.

LIFTING INSTRUCTION

Lifting Instruction

Drawing 1 of 1

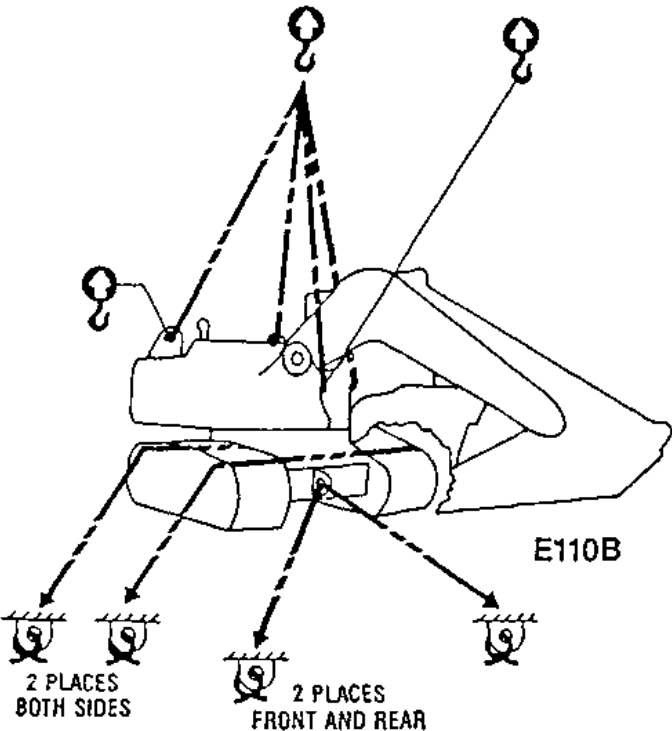
NOTICE

IMPROPER LIFTING OR TIEDOWNS CAN ALLOW LOAD TO SHIFT AND CAUSE INJURY AND DAMAGE

1. WEIGHT AND INSTRUCTIONS GIVEN HEREIN APPLY TO MACHINE AS MANUFACTURED BY CATERPILLAR INC.

E110B APPROX. WEIGHT:
13300kg 29400lbs.)

- 2. PARKING BRAKE AND SWING LOCK MUST BE ENGAGED BEFORE LIFTING OR TIEDOWN.
- 3. USE PROPER RATED CABLES FOR LIFTING. POSITION CRANE FOR LEVEL MACHINE LIFT.
- 4. LIFTING CABLES SHOULD HAVE SUFFICIENT LENGTH TO PREVENT CONTACT WITH MACHINE.
- 5. USE THE REAR AND FRONT EYES ON LOWER FRAME PROVIDED FOR TIEDOWN. ON SHARP CORNERS, USE CORNER PROTECTORS.

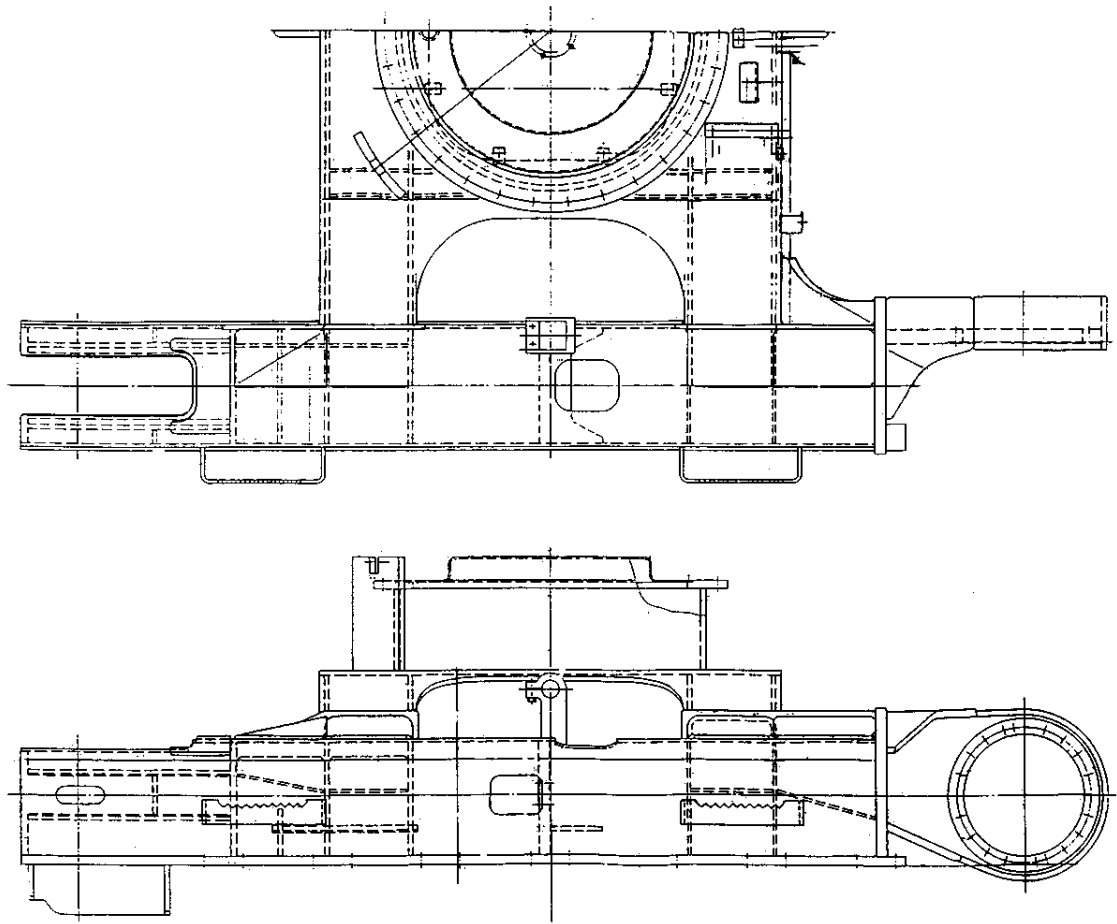


Ref.	Part number	Description	Qty	Code	Group	page
Parts list rows are not synced on this VPS for XEBP7168/XEBP71680005 yet.						

051-9806 BASE FRAME

5I9806 BASE FRAME

Drawing 1 of 1

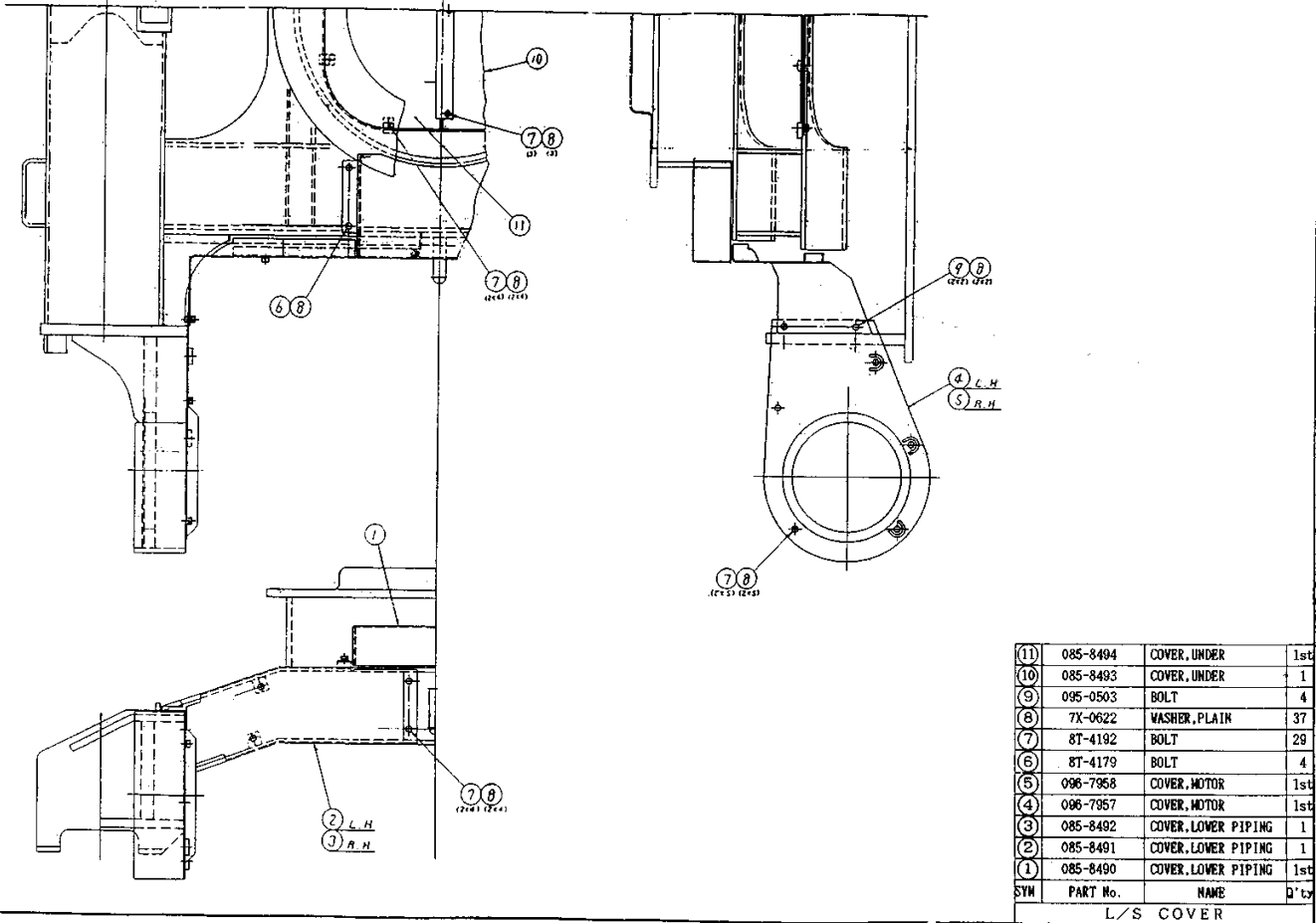


Ref.	Part number	Description	Qty	Code	Group page
Parts list rows are not synced on this VPS for XEBP7168/XEBP71680006 yet.					

LOWER STRUCTURE COVER

LOWER STRUCTURE COVER

Drawing 1 of 1

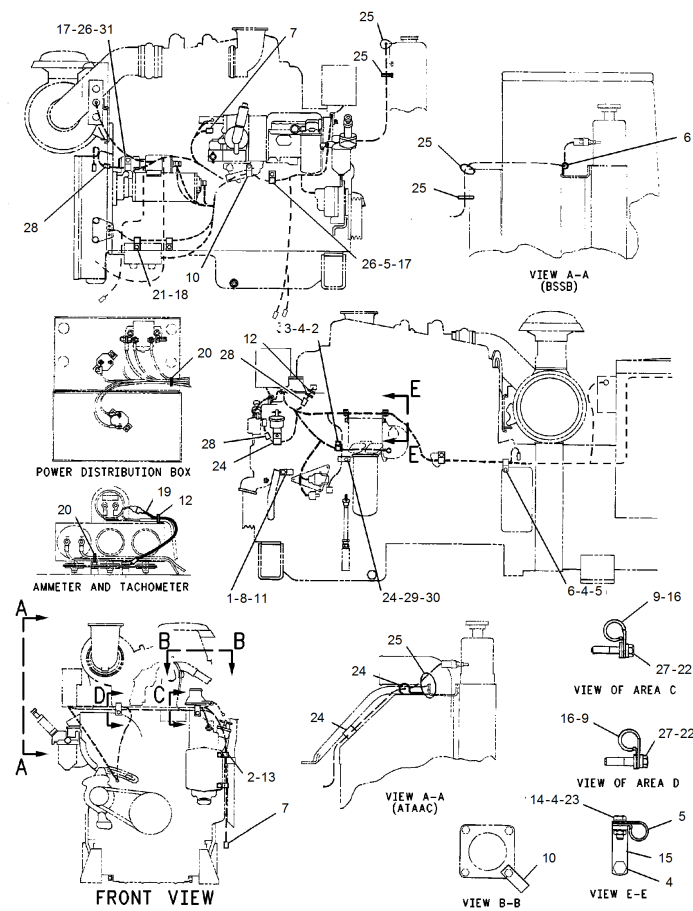


Ref.	Part number	Description	Qty	Code	Group page
1	085-8490	COVER, LOWER PIPING	1ST		
2	085-8491	COVER, LOWER PIPING	1		
3	085-8492	COVER, LOWER PIPING	1		
4	096-7957	COVER, MOTOR	1ST		
5	096-7958	COVER, MOTOR	1ST		
6	8T-4179	BOLT	4		
7	8T-4192	BOLT	29		
8	7X-0622	WASHER, PLAIN	37		
9	095-0503	BOLT	4		
10	085-8493	COVER, UNDER	1		
11	085-8494	COVER, UNDER	1ST		

IDLER WHEEL

IDLER WHEEL

Drawing 1 of 1

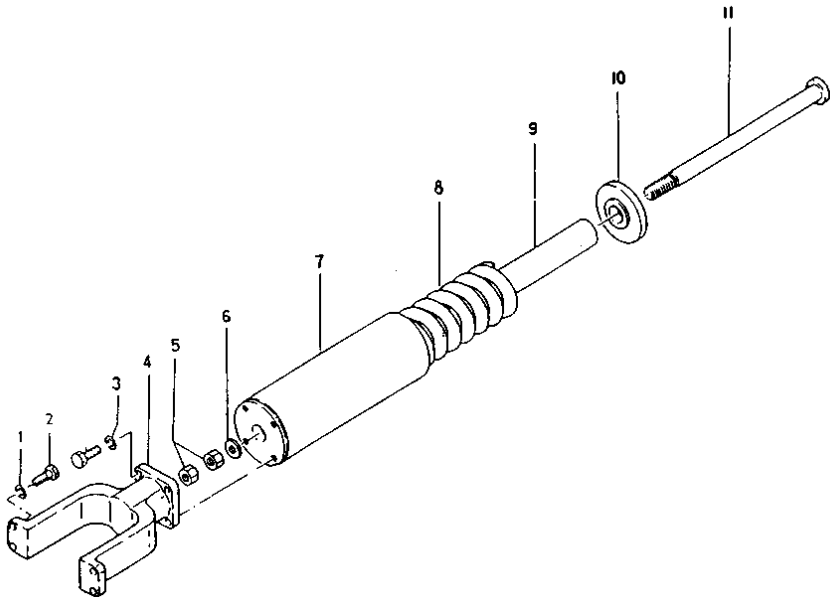


Ref.	Part number	Description	Qty	Code	Group page
1	095-0965	PLUG	4		
2	095-0902	PIN	4		
3	093-6938	BEARING	4		
4	096-6279	O-RING	8		
5	096-0883	SEAL, FLOATING	4		
6	093-1837	BUSHING	4		
7	096-0272	WHEEL	2		
8	8T-6346	O-RING	4		
9	093-1696	SHAFT	2		
10	093-6937	IDLER WHEEL ASSY	2		

YOKE & TENSION

YOKE & TENSION

Drawing 1 of 1



(13)	096-8013	SPRING ASSY	2
(12)	096-8014	TENSION ASSY	2
(11)	085-5739	ROD	2
(10)	093-0411	SUPPORT B	2
(9)	093-0560	PIPE	2
(8)	093-2104	SPRING	2
(7)	096-8012	SUPPORT A	2
(6)	095-0806	WASHER	2
(5)	095-1225	NUT	2
(4)	096-8015	YOKE	2
(3)	095-0818	WASHER, SPRING	2
(2)	095-8528	BOLT	16
(1)	095-0818	WASHER, SPRING	8
SYM	PART No.	NAME	Qty
YOKE & TENSION			

Ref.	Part number	Description	Qty	Code	Group page
1	095-0818	WASHER, SPRING	8		
2	095-8528	BOLT	16		
3	095-0818	WASHER, SPRING	2		
4	096-8015	YOKE	2		
5	095-1225	NUT	2		
6	095-0806	WASHER	2		
7	096-8012	SUPPORT A	2		
8	093-2104	SPRING	2		
9	093-0560	PIPE	2		
10	093-0411	SUPPORT B	2		
11	085-5739	ROD	2		
12	096-8014	TENSION ASSY	2		
13	096-8013	SPRING ASSY	2		

MANUALS-KOMATSU.COM

Complete Caterpillar PDF Parts Catalogue

8MF-XEBP7168

\$99

Buy on this catalogue page in our store.

Download instructions are sent after payment confirmation.

Buy complete PDF - \$99