



Service Manual

Chassis, Mast

EP13TCA

215AF0001-up

EP15TCA/18TCA

216AF0001-up

EP20TCA

288AD0001-up

4- 2. Rear tyre

4-2-1. Rear tyre - disassembly and reassembly

●EP13TCA-18TCA

Rim bolt and Nut

Hub bolt and Nut

Tightening torque	
68.5 - 78.5 N · m	
{ 7 - 8 kgf · m }	

Tightening torque	
88.2 - 108 N · m	
{ 9 - 11 kgf · m }	

●EP20TCA

Rim bolt and Nut

Hub bolt and Nut

Tightening torque	
88.2 - 108 N · m	
{ 9 - 11 kgf · m }	

Tightening torque	
216 - 264 N · m	
{ 22 - 26.9 kgf · m }	

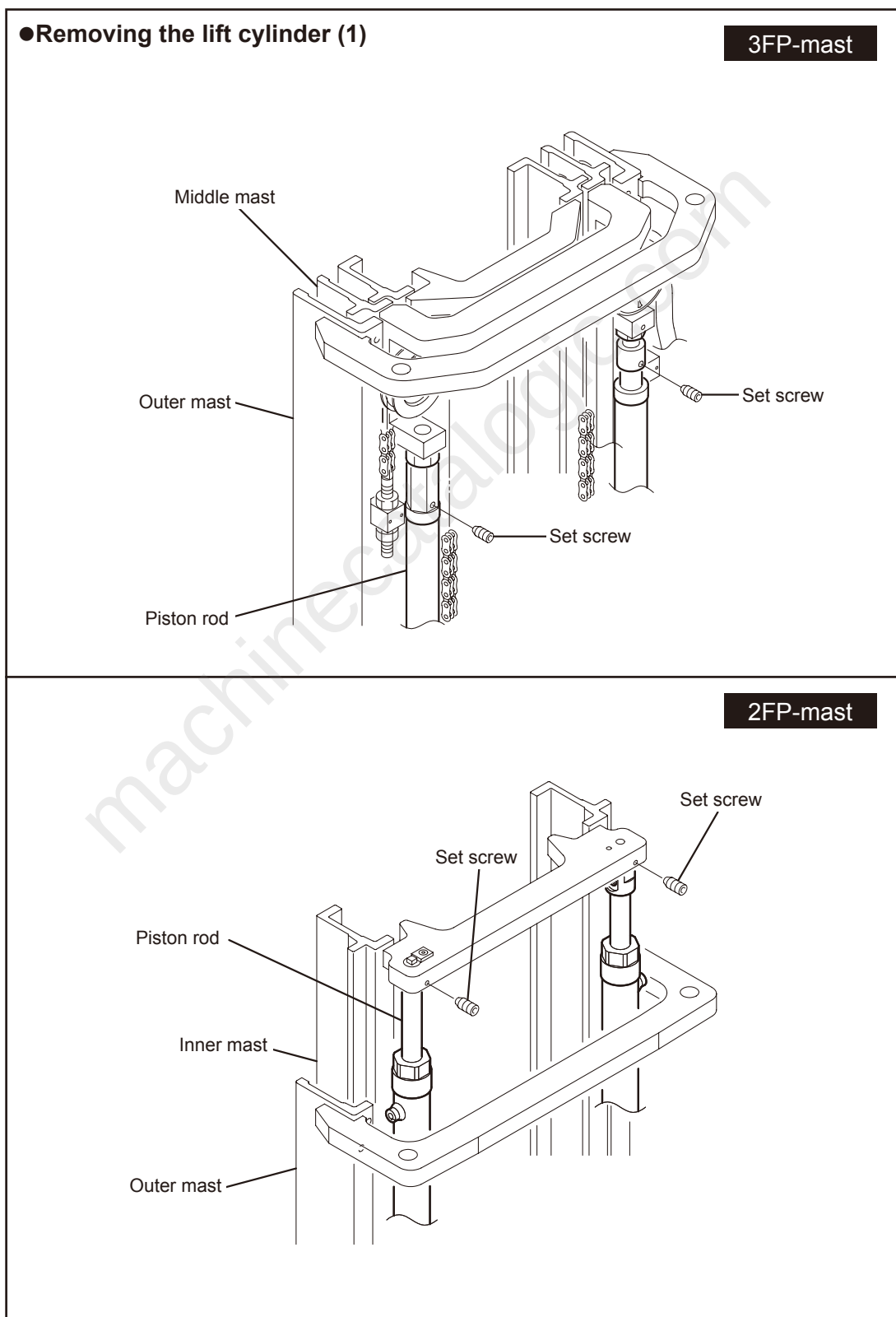
: Tightening torque

4-2-2. Tyre size (rear)

Model	Size
EP13TCA-15TCA	15 x 4 1/2-8-12PR(Std)
	15 x 4 1/2-8 SOLID(Opt)
EP18TCA	15 x 4 1/2-8 SOLID(Std)
EP20TCA	16 x 6-8-10PR(Std)
	16 x 6-8 SOLID(Opt)

7d-1-2. Lift cylinder - removal : 2FP-mast (2-stage duplex), 3FP-mast (3-stage triplex)

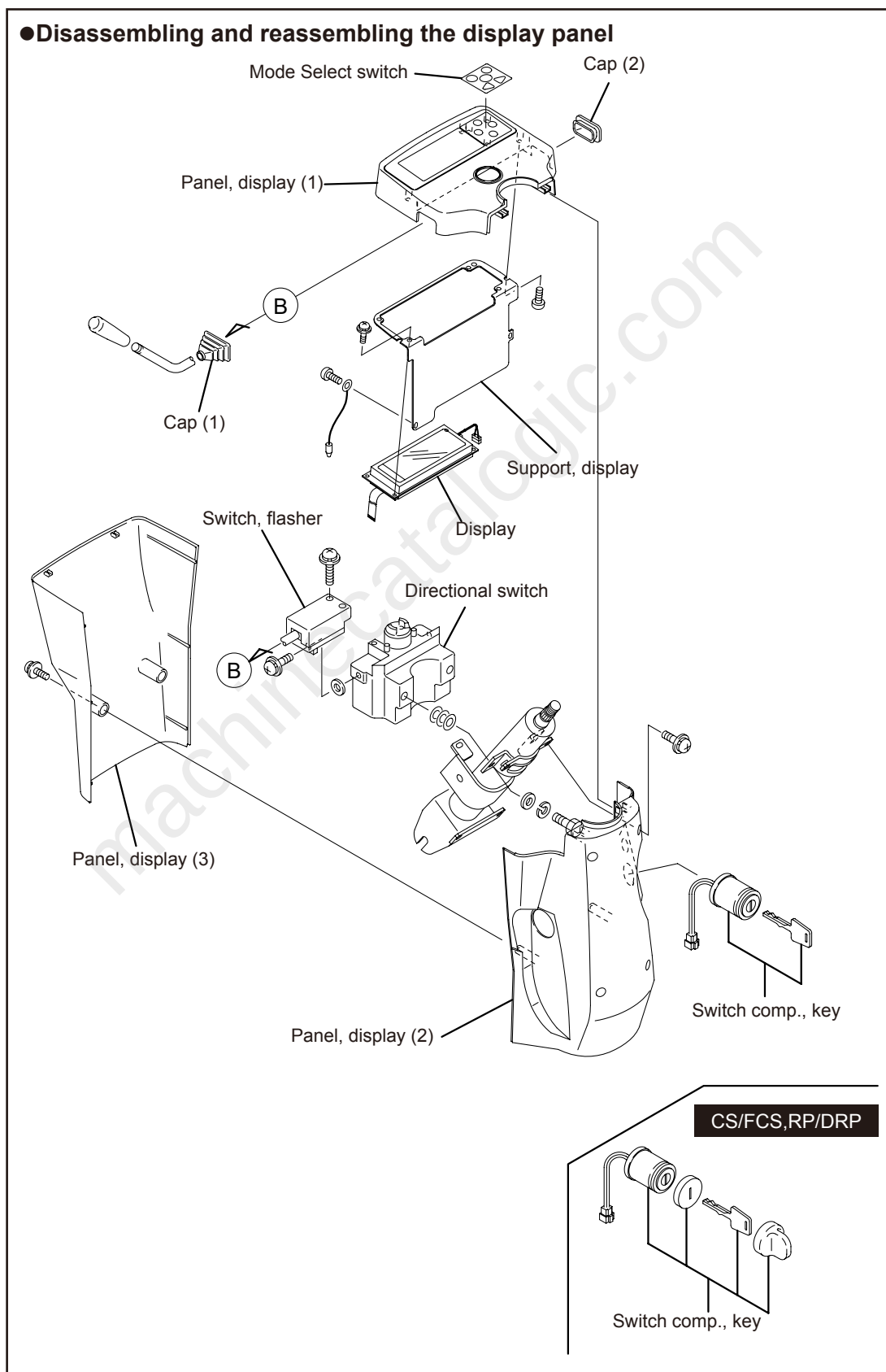
1. Pull the lift lever backward to raise the middle/inner mast about 50 mm.
2. Support the middle/inner mast with a wire rope or wood block.
3. Remove set screws that fix the piston rod.



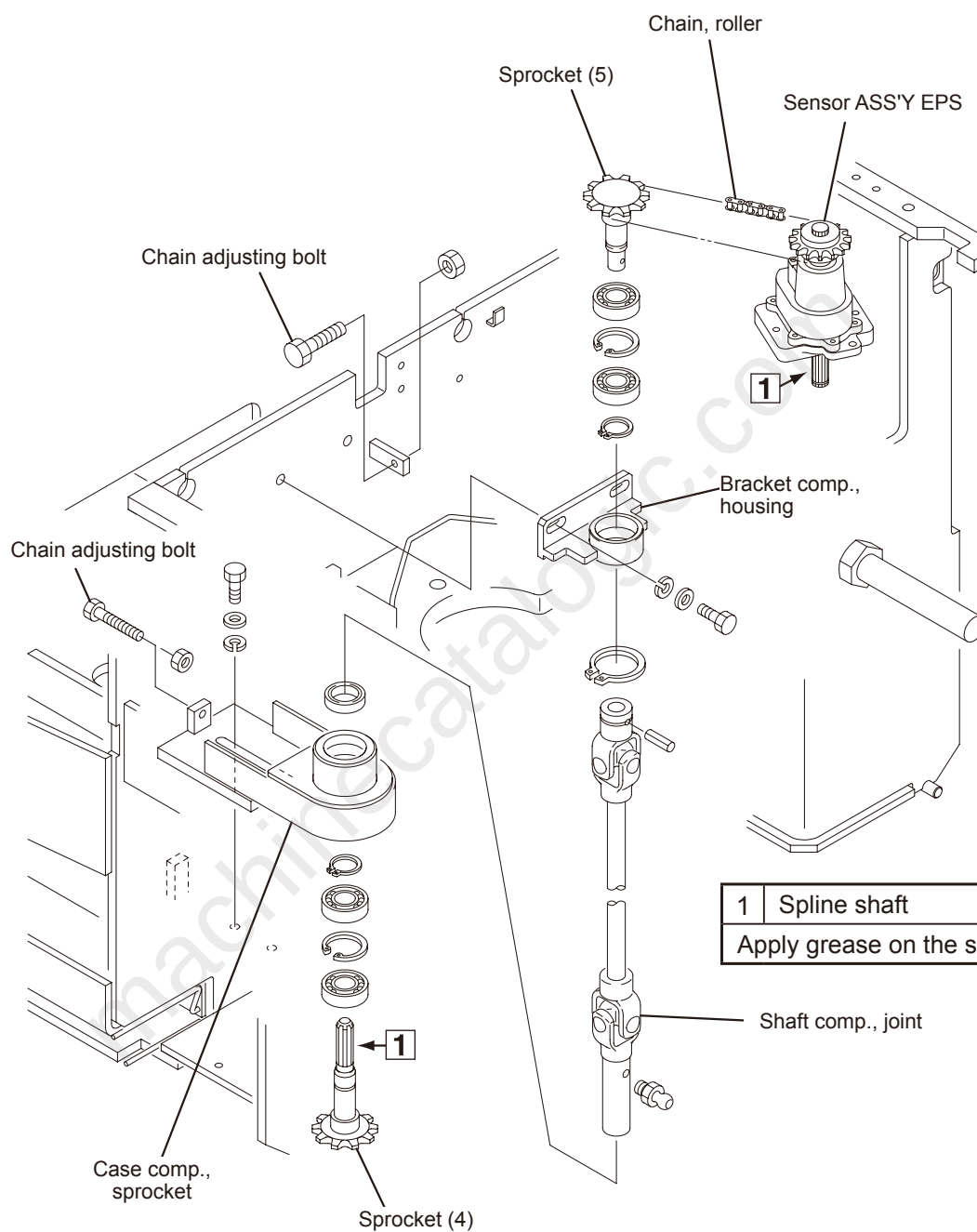
10c. DISPLAY PANEL AND DIRECTIONAL SWITCH

10c-1. Disassembly and reassembly

10c-1-1. Display panel - disassembly and reassembly



●Disassembling and reassembling the steering linkage (3)



Full Version Available

Caterpillar EP18TCA Forklift Service Manual (99N19-60100)

Caterpillar EP18TCA forklift service manual, covers hydraulics, mast, drive systems, and wiring diagnostics in PDF. Instant PDF download.

VIEW THE FULL MANUAL

<https://machinecatalogic.com/caterpillar-ep18tca-forklift-service-manual-99n19-60100/>