

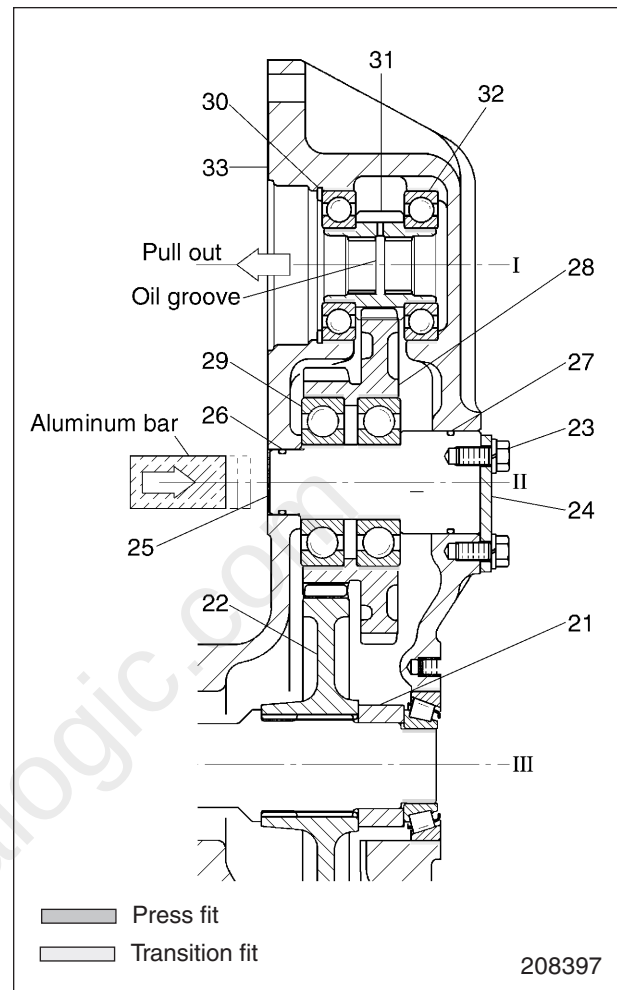


Service Manual

Chassis, Mast & Options

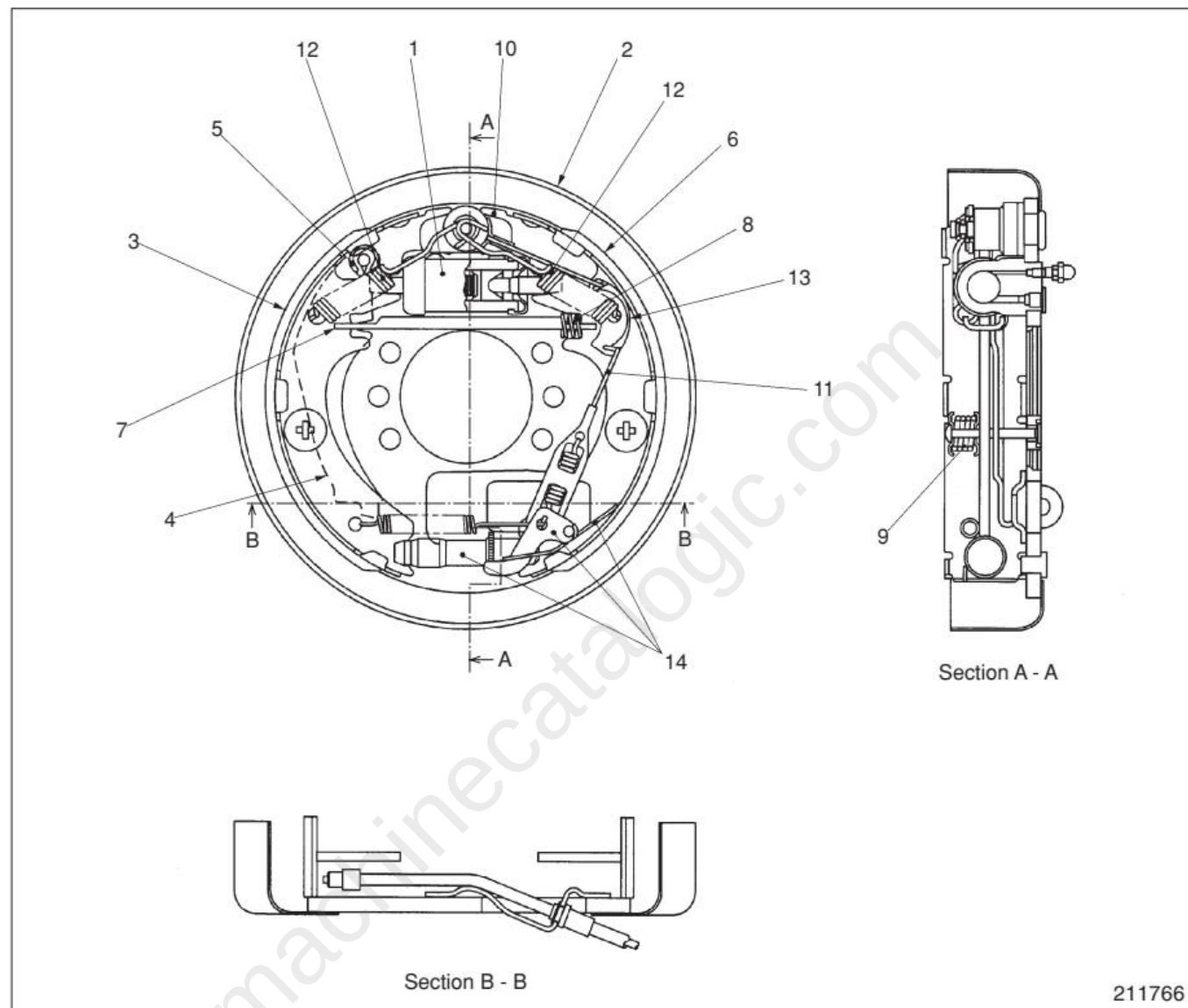
EP20K	ETB8B-00011-up
EP25K	ETB8B-50001-up
EP30K	ETB9B-00011-up
EP35K	ETB9B-50001-up

6. Remove the spacer 21, then remove the third gear 22. The third shaft 19 is fitted with the bearing inner race 20. The inner race 20 may be left fitted to the third shaft 19 if it is in a satisfactory condition for reuse. If it needs to be replaced, remove it using an appropriate puller.
7. Remove three bolts 23, then remove the lock plate 24. Apply an aluminum bar to the second shaft 25 from the drive motor fitted side, and hammer the bar lightly to force the second shaft 25 out of place with O-rings 26 and 27 fitted to it.
8. Remove the second gear 28 with the ball bearing 29 attached. The ball bearing 29 may be left fitted to the second gear 28 if it is in a satisfactory condition for reuse. If it needs to be replaced, remove it using an appropriate puller.
9. Remove the snap ring 30. Remove the input gear 31 fitted with the ball bearings 32 from the transfer case 33 using a slide hammer puller. The ball bearing 32 may be left fitted to the input gear 31 if it is in a satisfactory condition for reuse.



Reassembly

2 ton class and 2.5 ton class



211766

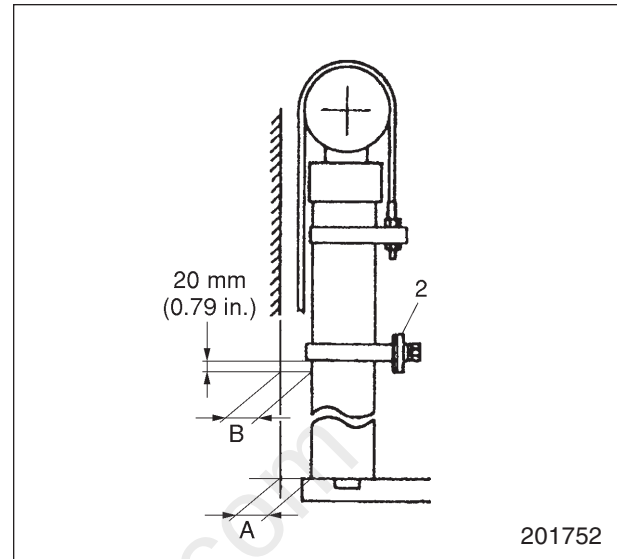
Sequence

- | | |
|-------------------------------|---|
| 1 Wheel cylinder | 9 Hold-down spring, Cup, Pin |
| 2 Backing plate | 10 Shoe guide plate |
| 3 Shoe and lining (primary) | 11 Fitting cable |
| 4 Parking brake lever | 12 Return spring |
| 5 Retainer, Washer | 13 Cable guide |
| 6 Shoe and lining (secondary) | 14 Adjusting lever, Adjusting screw, Adjusting spring |
| 7 Strut | |
| 8 Anti-rattle spring | |

3. Installing first lift cylinder

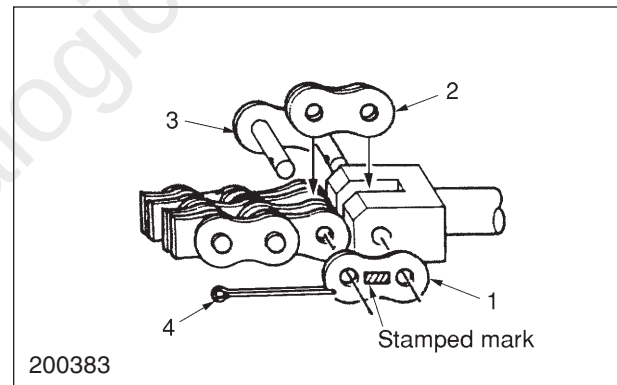
The first lift cylinder must be installed parallel to the mast when the lift cylinder rod is contracted.

Make sure the cylinder does not tilt forward. Using shims 2, adjust the backward inclination so that clearance at section B is 0 to + 0.5 mm (0 to + 0.02 in.) larger than clearance at section A.



4. Precaution for installation of chain anchor kit

Be careful not to confuse the center plate with the link plate.



- 1 Link plate (stamped mark on surface)
- 2 Center plate (no stamped mark)
- 3 Link
- 4 Split pin

Full Version Available

Caterpillar EP30K Forklift Service Manual (99759-6D100)

Caterpillar EP30K Forklift service manual, covers hydraulics, wiring, drive unit, mast, and service data. Searchable PDF. Instant download.

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