



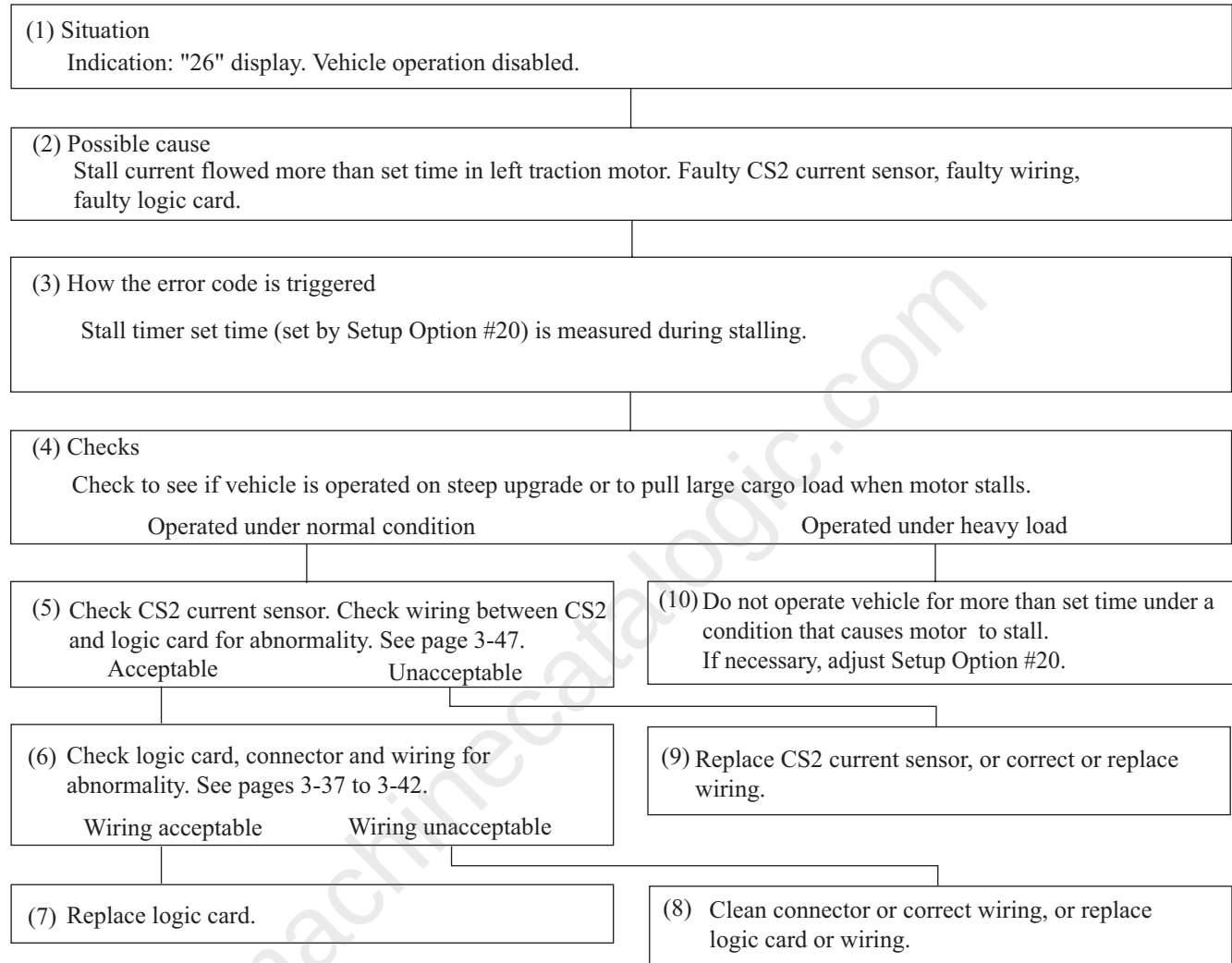
Service Manual

Chassis, Mast, & Options

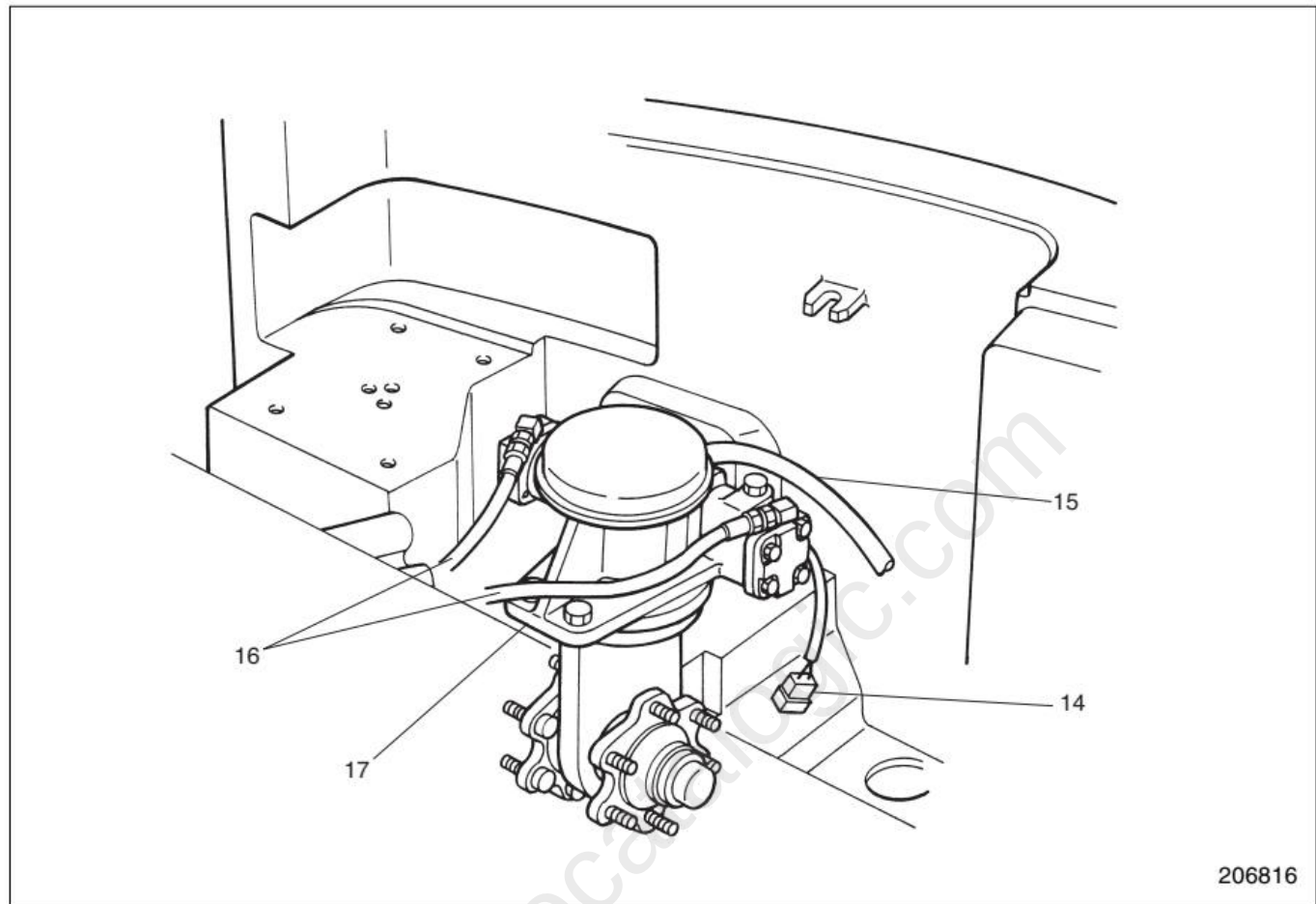
FB16KT	EFB4A-00011-up (48V)
FB16KT	EFB4B-00011-up (36V)
FB18KT	EFB5A-00011-up (48V)
FB18KT	EFB5B-00011-up (36V)
FB20KT	EFB5A-50001-up (48V)
FB20KT	EFB5B-50001-up (36V)

Problem: Left Motor, Stall Timer (26)

Indication: "26" display. Vehicle operation (traction and pump motors) disabled.



Removal (Part 2)



Sequence

- | | |
|------------------|--|
| 14 Connector | 16 Steering hose |
| 15 Overflow hose | 17 Rear axle assembly and Steering axle assembly |

Suggestions for Removal

A steering sensor is mounted on the top of the rear axle. Be careful not to damage the sensor when lifting the assembly.

Installation

Follow the removal sequence in reverse.

Suggestions for Installation

Tighten the rear axle assembly mounting bolts to the specified torque.

Bolt tightening torque	436 N·m (44.5 kgf·m) [322 lbf·ft]
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Preparation

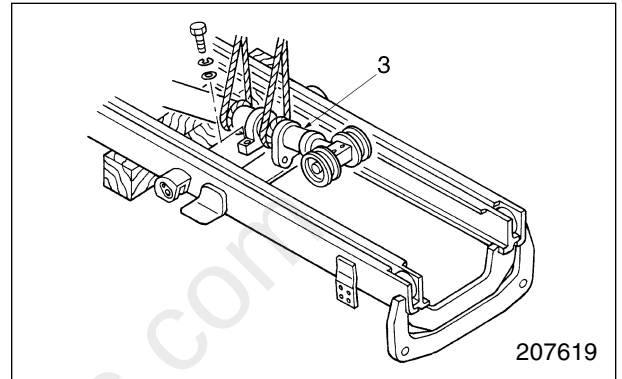
With the lift bracket side facing up, place the mast horizontally on wood blocks. Use a wood block as a wedge to prevent the inner mast from sliding.

Suggestions for Disassembly

1. Removing first lift cylinder 3

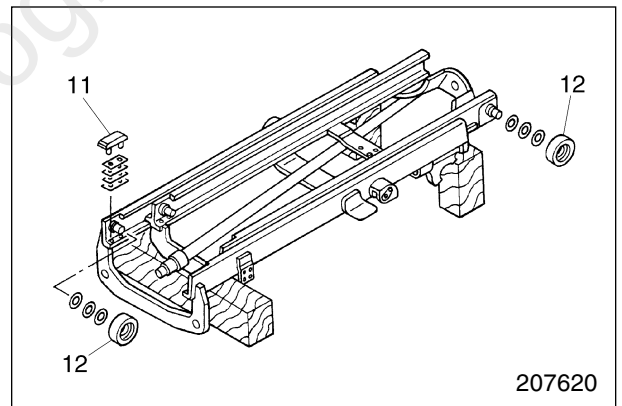
- (1) Remove retaining bolts from the first lift cylinder.
- (2) Hitch slings on first lift cylinder 3, and gently remove the cylinder.

Use two slings. Wind or tie slings securely to prevent from slipping.



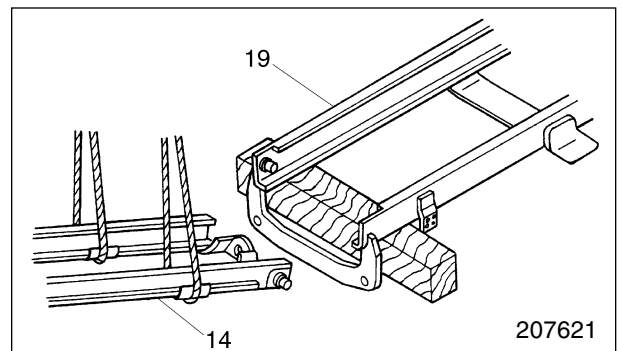
2. Removing main rollers 12 and mast strips 11

- (1) Remove clamp bolts from the second lift cylinders.
- (2) Remove bolts from the upper rod sections of the second lift cylinders, and place the cylinders on the outer mast.
- (3) Check the number of shims and the shim thickness at the rod end sections.
- (4) Lower the inner mast, then remove main rollers 12, mast strips and shims 11.



3. Removing inner mast 14

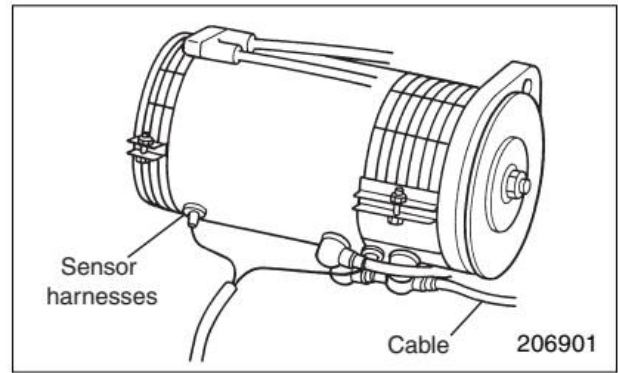
Using slings, lift and remove inner mast 14, steering it to pass over the roller shaft sections of outer mast 19.



Inspection after Disassembly

Follow the inspection procedure described in the dual-stage panoramic mast (simplex mast).

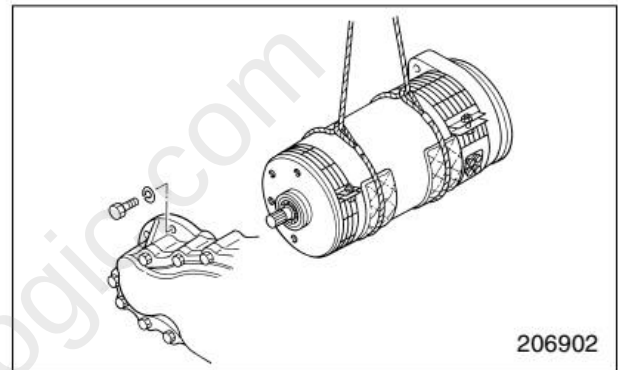
- (9) Disconnect the harnesses of the motor overheat sensor and brush wear sensor.
- (10) Disconnect the drive motor cables.
- (11) Remove the brake caliper.
- (12) Remove the bolt that secures the front axle on the vehicle frame. With the drive motor still mounted on the front axle, remove the front axle from the vehicle frame.



- (13) Using a crane, lift the drive motor to suspend it.

NOTE

Position the hook above the gravitational center of the drive motor.



- (14) Remove the bolts (4) that secure the drive motor on the front axle.
- (15) Separate the transfer from the drive motor.

Installation

Follow the removal sequence in reverse.

Full Version Available

Mitsubishi FB20KT Forklift Service Manual (99719-57120)

Mitsubishi FB20KT forklift service manual, shop repair, wiring, hydraulics, and drive diagnostics in PDF format. Fast PDF access.

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