

KOMATSU

SHOP MANUAL

ELECTRIC LIFT TRUCK

FB16-1E

FB18-1E

FB20-1E

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**Section 00 General information about the vehicle and normal
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1. Think Safety First !

1. All repair jobs must be carried out with due consideration to the pertinent accident prevention regulations.
2. All the necessary safety measures must be taken to prevent accidents during maintenance and repair work. You must guard against inadvertent movement or unintentional operation of the industrial truck (e.g. disconnect the battery on electric forklifts). When working under raised load lifting devices, you must secure them against falling.
3. No combustible liquids are allowed to be used for cleaning jobs. Safety measures must be taken to prevent sparking by short-circuits (e.g. disconnect the battery). If hot water devices are used to clean industrial trucks, all the components at risk from water - particularly the electrics - must be carefully covered. Electric and electronic components must be cleaned with a low-pressure air jet and a metal-free brush.
4. Hoist tackle and slings are to be attached only to the specially provided points for lifting industrial trucks and attachments. When using a jack, the vehicles must be secured by suitable means (wedges, wood blocks) against all risk of slipping or tipping.
5. Before carrying out any work on the electrical equipment of an industrial truck, the electric supply must be disconnected. Functional tests, checks and adjustments on live parts may be conducted only by specially instructed and authorized personnel, with due consideration to suitable precautionary measures.

Rings, metal arm-bands and similar items must be removed before working on electrical components. Risk of arcing!
6. When the maintenance and repair work is completed, all the safety devices must be refitted and checked for proper operation.
7. When repairing and replacing hydraulic and electric components, you must observe the correct settings for the specific units. Under no circumstances is it allowed to increase the working speeds.
8. To prevent damage to equipment with electric components such as e.g. electronic driving controls, lifting controls etc., be sure to disconnect these components before carrying out any electric welding work.

9. No persons are allowed within the danger area of an industrial truck. The danger area is the area in which there is a risk to persons from any movements of the industrial truck, its working equipment, its load lifting attachments or its load. The danger area also includes the area that can be reached by any descending or falling items of equipment.

Persons are not allowed, therefore, to stand or walk under raised forks or attachments, regardless of whether the vehicle is loaded or not. It is prohibited to reach or climb into any moving parts of an industrial truck (e.g. in the lifting frames, dozer attachments, working equipment, load lifting devices, etc.).

10. The accompanying operating instructions, particularly those sections concerning safety, must be observed when carrying out trial runs with the industrial truck.