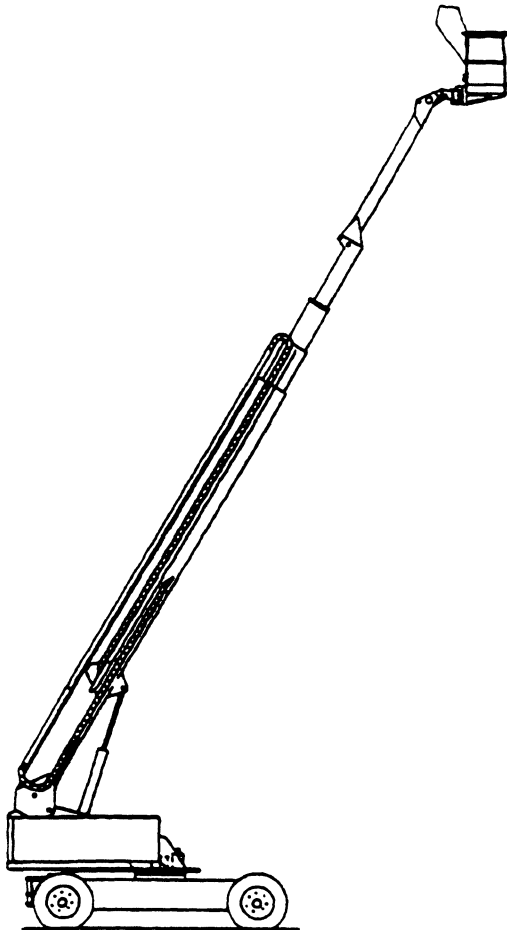


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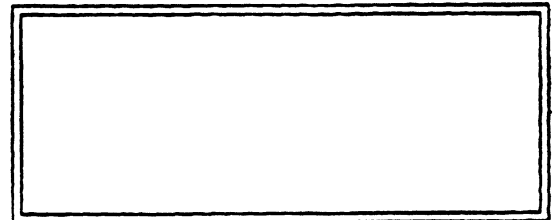
OPERATOR'S MANUAL

BOOM LIFT

**MODELS: TB100
TB110**



**FOR PARTS OR SERVICE
CONTACT:**



OPERATION AND OPERATOR MAINTENANCE MANUAL

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10600 W. BROWN DEER ROAD
MILWAUKEE, WI 53224
U.S.A.**

**TEREX AERIALS
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OPERATION AND MAINTENANCE

SPECIFICATIONS

SECTION 3

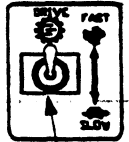
DESCRIPTION	PAGE NO.
SPECIFICATIONS TABLE - TB100	3-1
RANGE DIAGRAM - TB100	3-2
SPECIFICATIONS TABLE - TB110	3-3
RANGE DIAGRAM - TB110	3-4

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OPERATION AND MAINTENANCE

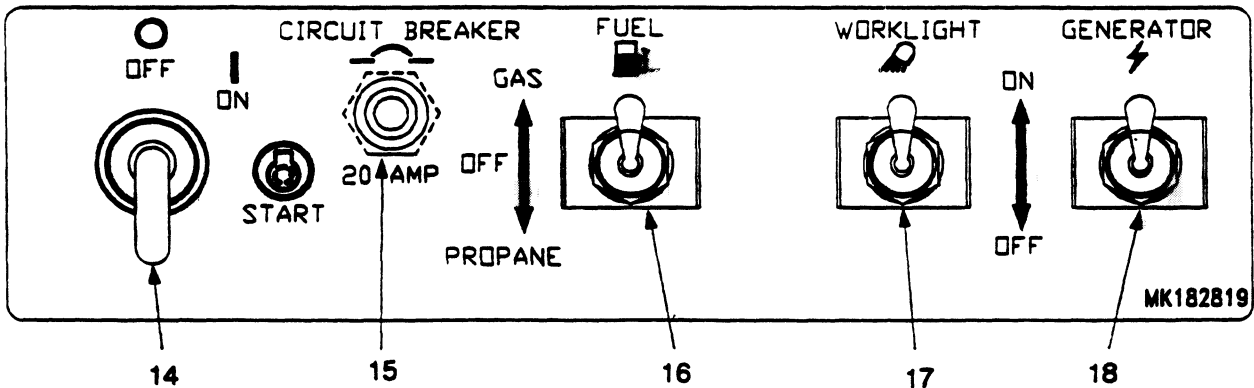
CONTROLS & INSTRUMENTS

AERIAL CONTROL STATION

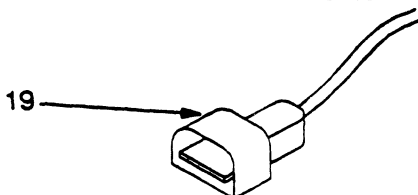


13

13. **HI/LO SPEED TRAVEL SWITCH** - Push up to select high speed travel. Pull down to select low speed travel. Maximum high speed travel is 3.5 MPH. Maximum low speed travel is 1 MPH. High speed travel is deactivated when the boom is elevated above 15° or extended 18 inches or more.



14. **IGNITION SWITCH** - Turn and hold in the **START** position to start the engine. When the engine has started, release the **IGNITION SWITCH** and it will return to the **ON** position.
15. **CIRCUIT BREAKER** - When an overload in the upper control panel occurs, this circuit breaker pops out. Correct the problem causing the overload and reset the circuit breaker by pushing the breaker button in.
16. **FUEL SWITCH (OPTIONAL)** - Used on dual fuel machines only. Push up to select **GASOLINE**. Push down to select **PROPANE**.
17. **WORK LIGHT SWITCH (OPTIONAL)** - Push up to turn work lights **ON**. Pull down to turn work lights **OFF**.
18. **GENERATOR SWITCH (OPTIONAL)** - Push up to turn generator **ON**. Pull down to turn generator **OFF**.



19. **FOOT SWITCH** - Mounted on platform floor. Switch must be activated for any platform movement functions can be performed from the upper control station.

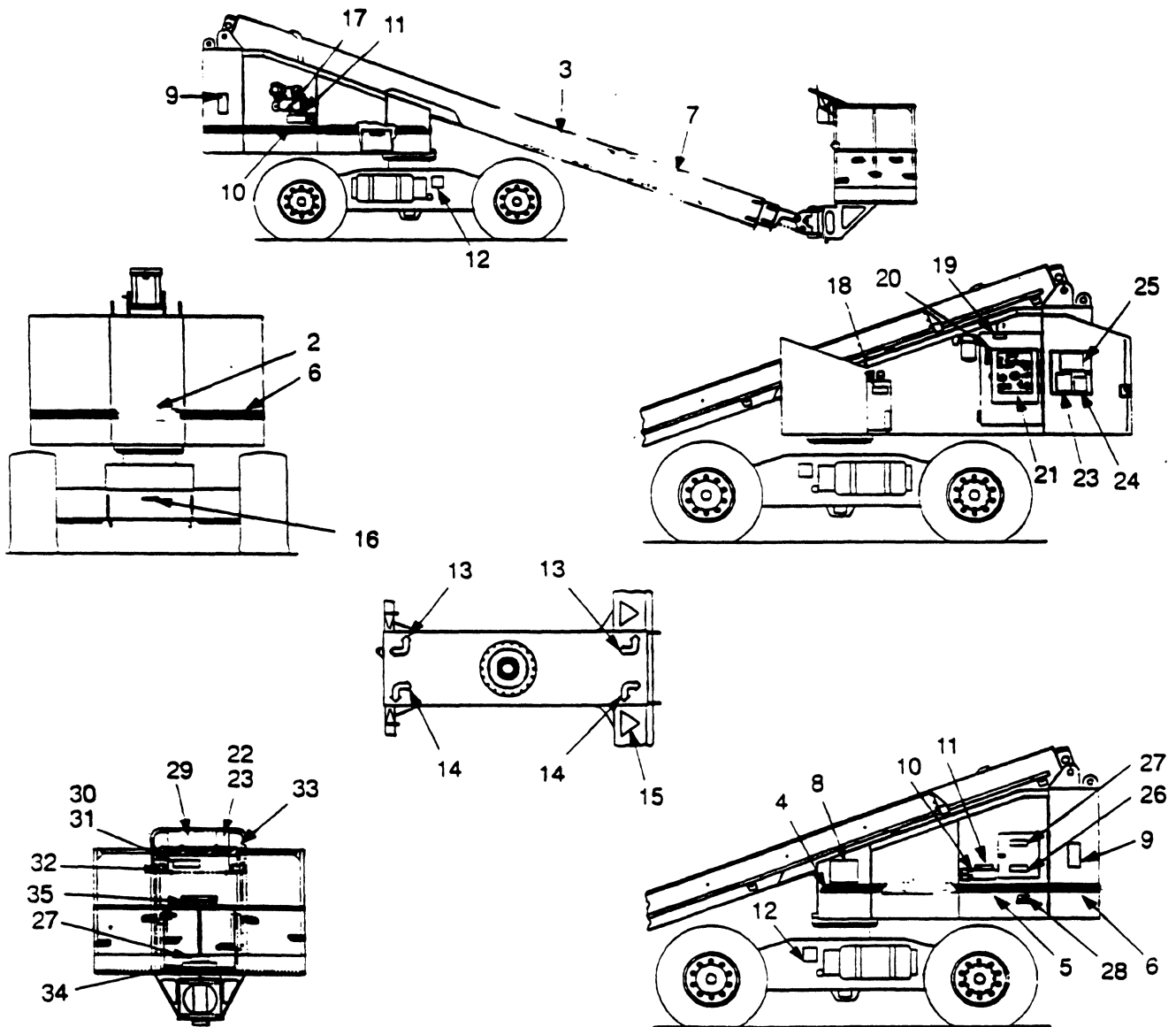
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OPERATION AND MAINTENANCE

BEFORE OPERATION CHECK

DECAL CHECK LIST

Verify that each of the following decals are properly adhered to the machine, undamaged, and legible. If a decal is missing, damaged, or illegible, the decal must be replaced before operating the aerial lift.



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OPERATION AND MAINTENANCE

OPERATION

Switching From Propane To Gasoline

With the engine running, step on the foot switch and switch the fuel selector switch to gasoline.

Switching From Gasoline To Propane

With the engine running, step on the foot switch. Set the fuel selector to "OFF". The engine will continue to run as it uses fuel from the carburetor bowl. When the engine begins to stall, allow it to run several seconds and then switch to propane. Release the foot switch. Let the engine idle for 20 - 30 seconds to completely burn up any remaining gasoline in the fuel bowl.

IN CASE OF ENGINE OR MAIN HYDRAULIC PUMP FAILURE. all boom hydraulic functions are operable with the emergency pump. From the platform, position the emergency pump switch to ON. This will start the emergency pump and shut off the engine if it is running. Operate the function controls as normal by depressing the foot switch and using the appropriate controls to lower the platform to the ground.

ATTENTION

The emergency pump is intended for emergency use only. Do not continuously run the aerial lift from the emergency pump for an extended period of time.

Note: The ignition switch in the platform must be set at the ON position in order for the emergency pump to function. Emergency pump can be operated from the ground control station or platform in the same manner.

How Can The Aerial Lift Be Traveled?

- A. ON LEVEL, PREPARED SURFACES**
- B. ON PREPARED GRADES AND RAMPS**
- C. AT FULL SPEED**
- D. IN REVERSE**

NOTE: With the boom angle greater than 15° above horizontal and/or the boom extended more than 12 inches, the speed cut-off function should limit the aerial lift's traveling capability to slow speed.

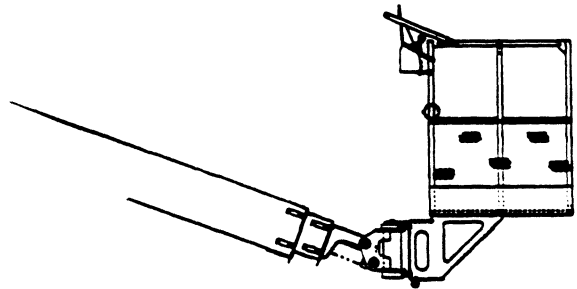
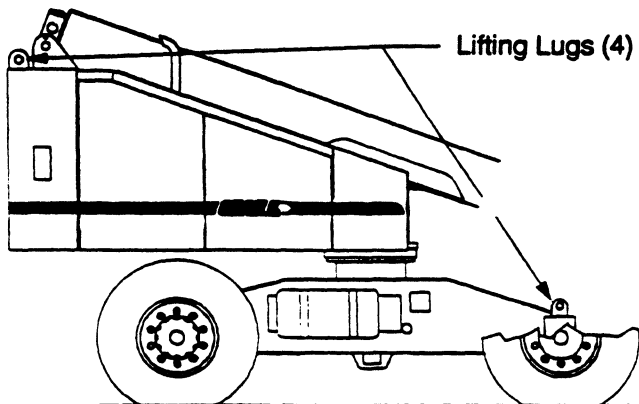
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OPERATION AND MAINTENANCE

UNLOADING

C. Lifting With Crane

1. **Verify weight of aerial lift.**
2. **Use crane of correct capacity for weight of aerial lift and radius to be lifted.**
3. **Use rigging equipment capable of lifting the weight and designed to accommodate the geometry of the Aerial Lift.**
4. **Remove all personnel from the aerial lift area and from the aerial lift.**
5. **Lift the aerial lift carefully and place it on the bed of the truck.**
6. **Remove all rigging equipment and the aerial lift is ready to be tied down.**

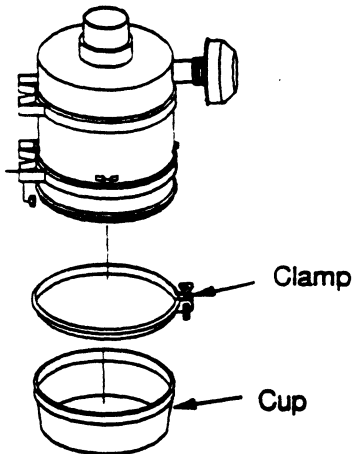


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OPERATION AND MAINTENANCE

MAINTENANCE

Air Cleaner



The air cleaner should be checked and cleaned on a weekly basis. To clean the air cleaner:

- Loosen the clamp securing the cup to the air cleaner.
- Remove the cup and clean out any dirt or foreign matter in the cup.
- Reinstall the cup and tighten the clamp.

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