

SAFETY RULES FOR MAINTAINING YOUR FORKLIFT BATTERY

When working on batteries, always be careful and always wear Safety Glasses or Face Shield

Battery tops should stay clean and dry

After each duty cycle, Recharge to **FULL**
Avoid recharging to partial capacities

Ensure charger is **OFF** before connection or disconnection of battery to prevent sparks & injury

Electrolyte level in battery check weekly

Proper size charger should be used and charger instructions should be read and followed carefully

CAPS NEED TO STAY ON when battery is in use, being charged or when battery top is being cleaned. Vent Caps should only be removed when checking or filling.

Steel covered batteries should have covers in open position when recharging

CHARGING YOUR FORKLIFT BATTERY**1**

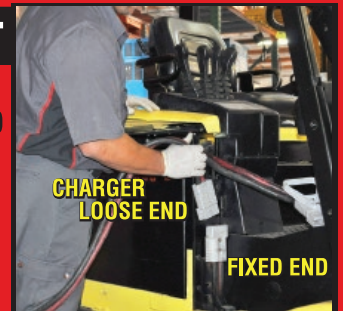
Disconnect
BATTERY
from TRUCK
(Fixed End)

**2**

Connect the
BATTERY
to CHARGER
(Loose End to Loose End)

DO NOT

**CONNECT
CHARGER TO
FORKLIFT**
(Loose End to
Fixed End)

**BATTERIES NEED WATER - CHECKING & FILLING BATTERY WATER LEVELS****CHECKING BATTERY WATER LEVELS**

(CHECKING NOT RECOMMENDED ON STAND-UP LIFTS)



Watering Systems
Are Recommended
For ALL FORKLIFTS

ASK US!

www.bigjoelift.com/Battery-and-Chargers

TO BE PERFORMED EVERY FORTY (40) HOURS OF USE

**1**

Open hood of
Sit-Down forklift.
Visually inspect
the battery.

2

Open all caps
on the battery.
Use flashlight
to see inside.



Properly Filled
Water Level



Empty Cell
Needs Filling

**3**

With a flashlight, carefully look inside vent
and determine where the water levels are at.

FILLING FORKLIFT BATTERIES WITH WATER

IMPORTANT! WATER BATTERY EVERY FORTY (40) HOURS OF USE
WATER BATTERY AFTER IT HAS BEEN CHARGED AND
IS FULLY DISCONNECTED FROM THE CHARGER

Watering Systems are highly recommended for all
forklift batteries, specially for Stand-Up Forklifts. ▶
Call Big Joe to find out more! (800) 835-1133

**1**

Watering System Gravity Tank must be
at least eight feet (8ft.) above ground level.

Gravity Tank
8 Feet From
Ground

2

Connect hose from battery's
watering system to hose on
the gravity watering tank.

**3**

Gravity will do the rest of the work
and will fill the cells that need filling
to sufficient levels.

**Batteries Without Watering Systems**

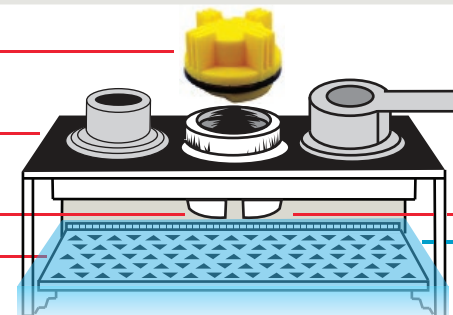
Batteries not equipped with watering systems
can have water poured directly into the vents
Simply use a pitcher with a spout and carefully
pour until water levels fill to sufficient levels.
(Please see diagram below for optimal water level)

Vent Cap

Battery
Casing
Lid

Bottom Of
Vent Well

Battery Plate



**OPTIMAL
WATER
LEVEL**

Optimal Water Level is about one quarter inch (1/4")
from the bottom of the vent well. Water should barely
cover the battery plates under the battery casing lid.



Big Joe Handling Systems, Inc.
 25932 Eden Landing Rd. Hayward, CA 94545
 PH: (800) 835-1133 ♦ FAX: (510) 785-0908
 WWW.BIGJOELIFT.COM



PLANNED MAINTENANCE SERVICE - 30 POINT CHECKLIST

PM CHARGE PER LIFT:

NOW ONLY

WAS \$119

\$99

**CALL
BIG JOE
TODAY!**



- | | | |
|---------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
| 1. <input type="checkbox"/> Check for operation | 11. <input type="checkbox"/> Check & top off all fluids | 20. <input type="checkbox"/> Check & adjust timing (if needed) |
| 2. <input type="checkbox"/> Visual inspection | 12. <input type="checkbox"/> Check steering | 21. <input type="checkbox"/> Check LP system |
| 3. <input type="checkbox"/> Horn | 13. <input type="checkbox"/> Check all wheels | 22. <input type="checkbox"/> Check or replace air filter |
| 4. <input type="checkbox"/> Lights | 14. <input type="checkbox"/> Check & lubricate mast, chain & grease fittings | 23. <input type="checkbox"/> Check motor oil & filter |
| 5. <input type="checkbox"/> Check hydraulic system | 15. <input type="checkbox"/> Check radiator & reservoir | 24. <input type="checkbox"/> Check SCR system operation |
| 6. <input type="checkbox"/> Check all switches | 16. <input type="checkbox"/> Check transmission & operation | 25. <input type="checkbox"/> Check & inspect battery, water level |
| 7. <input type="checkbox"/> Check forward & reverse lever | 17. <input type="checkbox"/> Blowout radiator core & clean machine with compressed air | 26. <input type="checkbox"/> Check battery cables & connectors |
| 8. <input type="checkbox"/> Check/test brake & parking brake (adjust if needed) | 18. <input type="checkbox"/> Check spark plug, wire cap & rotor | 27. <input type="checkbox"/> Check & inspect contactors |
| 9. <input type="checkbox"/> Check cylinder | 19. <input type="checkbox"/> Check & adjust carburetor and governor (if needed) | 28. <input type="checkbox"/> Check & inspect all electric motor brushes (when accessible) |
| 10. <input type="checkbox"/> Check for leaks | | 29. <input type="checkbox"/> Check charging system (built-in) |
| | | 30. <input type="checkbox"/> Check fork wear |

**WE'LL PROVIDE THE
SERVICE / TRAINING
AT YOUR SITE!**

**ASK US ABOUT
BATTERY
TESTING**



OSHA COMPLIANT FORKLIFT AND AERIAL LIFT SAFETY TRAINING

**OPERATOR TRAINING AND
RE-CERTIFICATION COURSE**

11+ PEOPLE

\$95

PER PERSON

6-10 PEOPLE

\$115

PER PERSON

1-5 PEOPLE

\$150

PER PERSON

TRAIN THE TRAINER TRAINING COURSE

\$925 - Includes Training Kit for 25 People

AERIAL / BOOM LIFT CERTIFICATION

\$170 Per Person (11 Or More) + \$195 Per Person (6-10) + \$230 Per Person (1-5)