MOBILE

MOVING THE WORLD ONE PALLET AT A TIME

OPERATING INSTRUCTIONS & PARTS BREAKDOWN

ON-BOARD TOTE STACKER

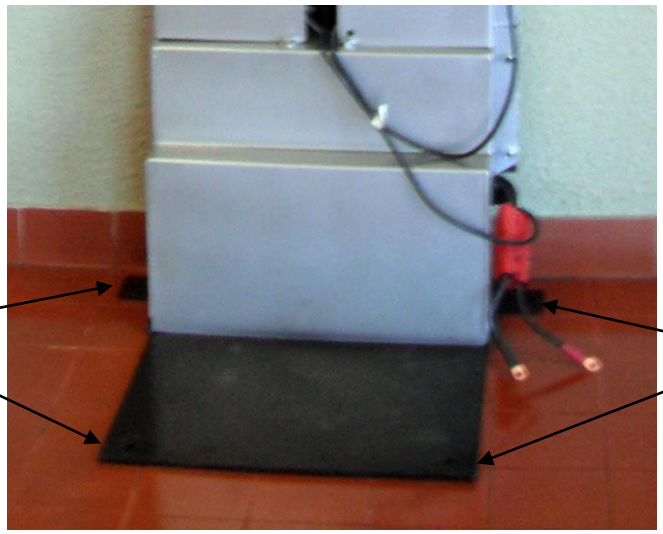
VERSION	N/A
MODEL	OBST500 ON-BOARD TOTE STACKER
APPLICABLE PRODUCTS	OBST500

Please read and save these instructions. Read carefully before attempting to assemble, install, operate, or maintain the product described. Protect yourself and others by observing all safety information. Failure to comply with instructions could result in personal injury and/or property damage! Retain instructions for future reference.

OBST ON-BOARD STACKER INSTALLATION INSTRUCTIONS

OBST On-Board Stacker shown w/bin (not provided)

The OBST stacker MUST be bolted securely to the floor at the front and back! It is recommended that the front bolts have round head (such as a carriage bolt) to minimize the tripping hazard.

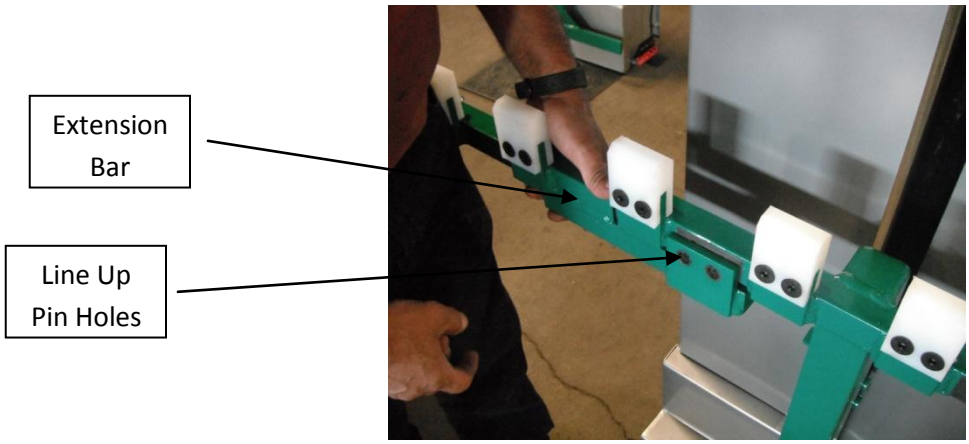


If the pre-drilled holes the 3/16" thick floor plate are not positioned conveniently for installation then alternative holes may be drilled.

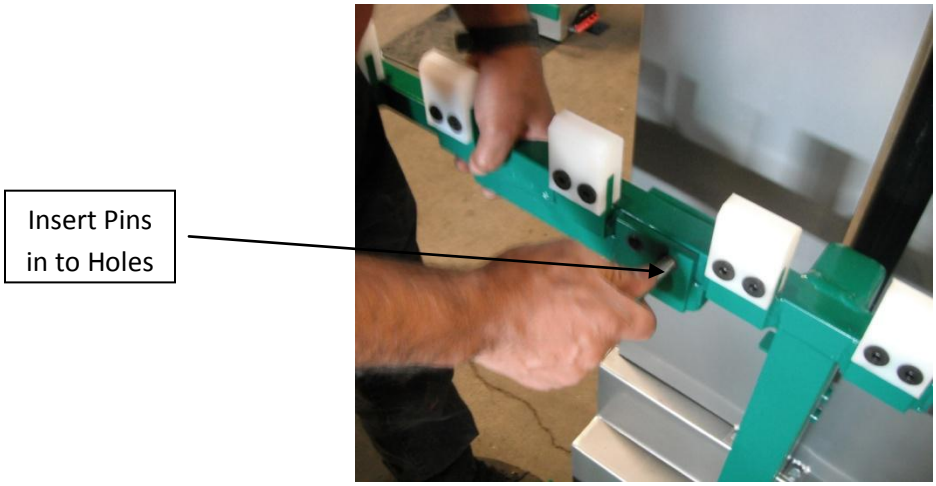
It is NOT necessary to secure the OBST stacker to the sides of the truck.

The Left Hand and Right Hand Extension Bars for the Carrier Bar are shipped separately. These should be installed using the provided Pins and Clips as follows:

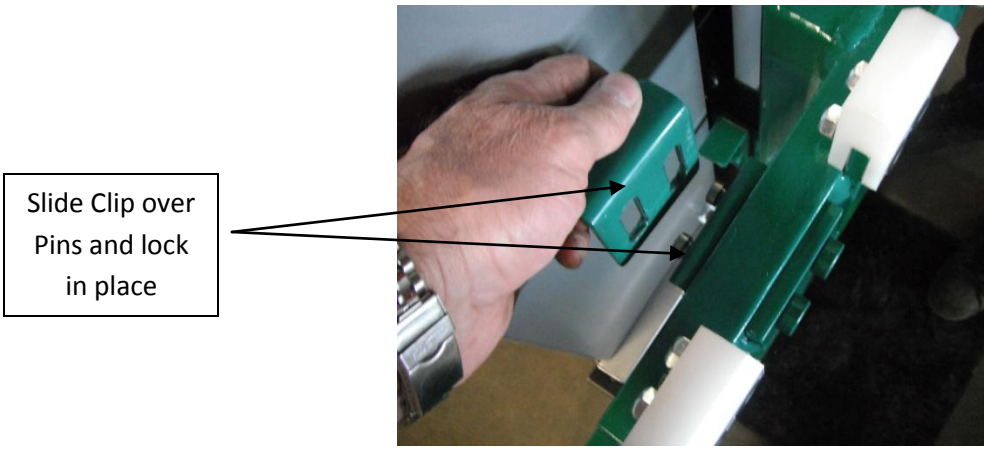
1) Place the Extension Bar in place lining up the Pin holes:



2) Insert the Pins into the holes in the Extension Bar:

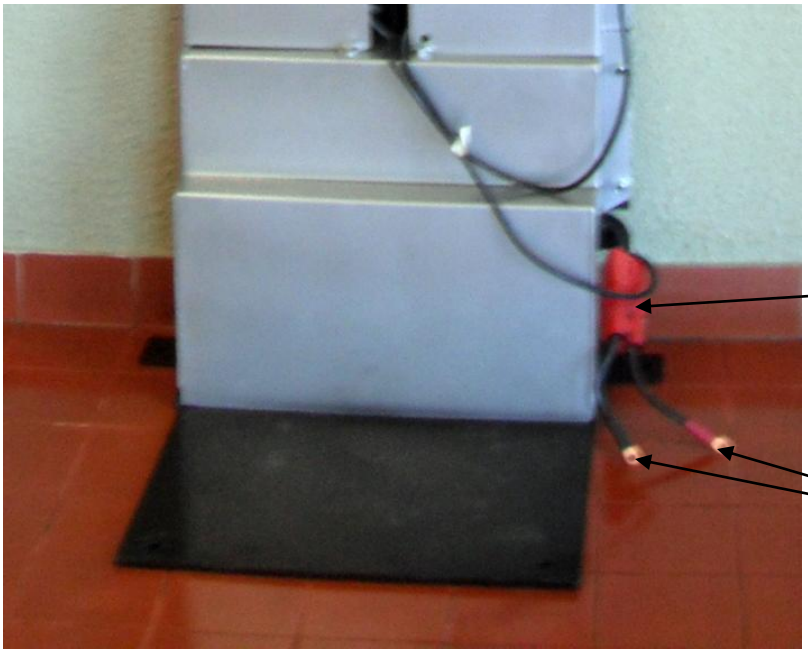


3) Secure the Pins in place by sliding the Clip on the Pins on the back side of the Extension Bar:



Please note the Clips are notched to slide on and off the Pins easily for quick arm removal and assembly. They are not designed to be tightened or locked in place.

The unit comes with a 40’ Power Cable. A Copper Battery Lug is supplied for connecting the Power Cable to the positive battery terminal. Clips for securing the cable to the truck chassis are **NOT** supplied. Once the Power Cable is installed, there will be excess that **MUST** be cut off and used as the Ground Wire. Another Copper Battery Lug is provided for the ground connection to the truck chassis.

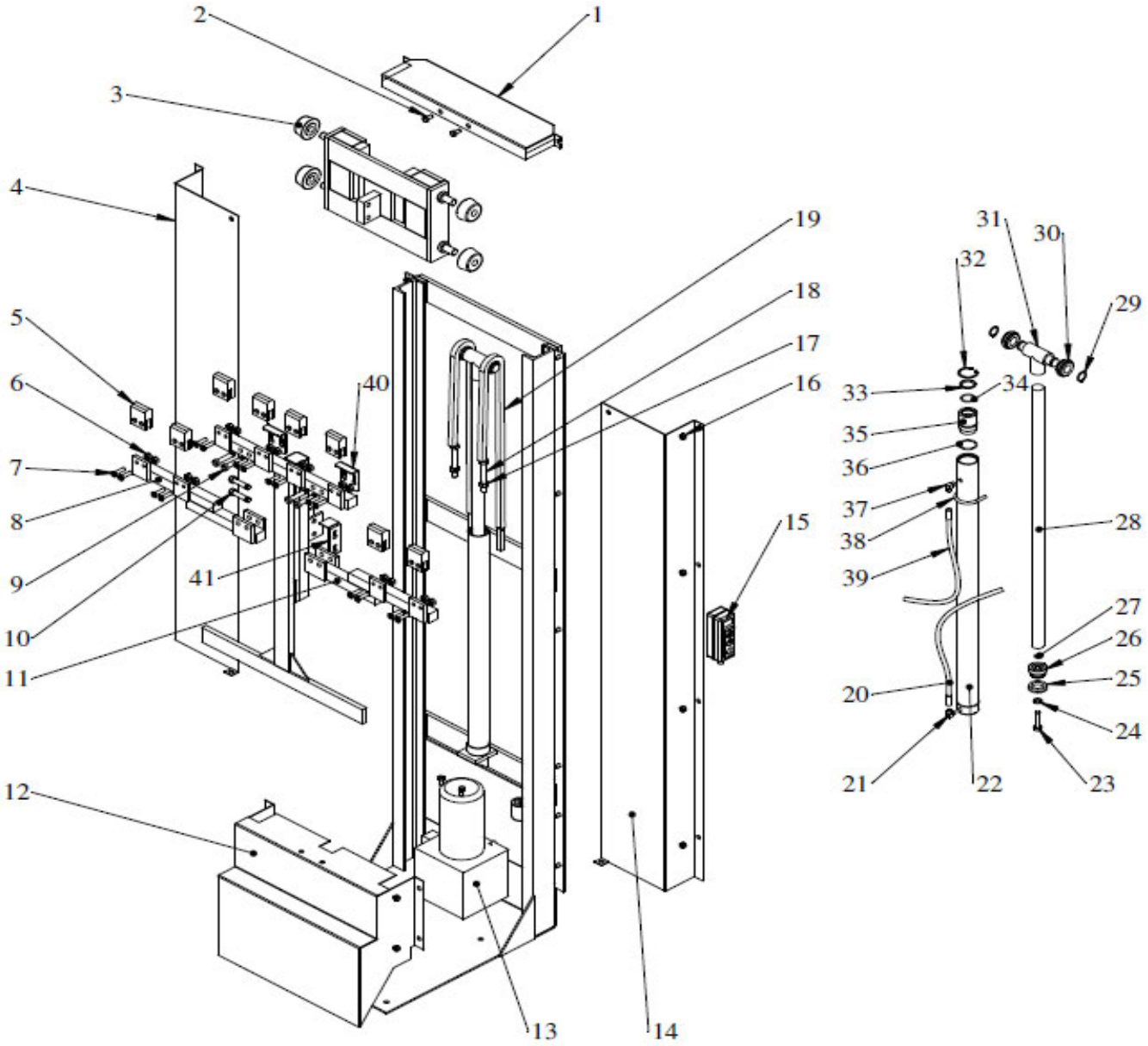


SB Connector

Copper Battery Lugs

Fit the Power and Ground Cables to the positive and negative Lugs of the provided red SB Connector. Connect the other end of the cables to the provided Copper Battery Lugs. Connect the battery and the installation is complete.

ONBOARD STACKER PARTS BREAKDOWN



ITEM#	PART#	DESCRIPTION
1		COVER-T
2		BOLT
3	1031	GUID ROLLERS
4		COVER-FL
5		PLASTIC FINGERS
6		LOCK NUT
7		SCREW
8		ARM-L
9		PINS
10		PINS
11		ARM-R
12		COVER-FB
13		POWER PACK
14		COVER-FR
15		REMOTE CONTROLLER
16		NUT
17	1033	NUT
18	1034	STUD
19	1035	ROLLER CHAIN
20	1028	HOSE ASSY-HP
21	1029	ELBOW 90
22	1025	CYLINDER
23	1033	CAP SCREW
24	1021	LOCK WASHER
25	1020	U CUP
26	1019	PISTON
27	1018	O RING
28	1017	PISTON ROD
29	1023	LOCKING RING
30	1024	ROLLER ASSY
31		YOKE
32		LOCKING RING
33	1014	WIPER
34	1016-1	O RING
35	1016	HEAD(TOP)
36	1015	O RING
37	1026	ADAPTER UNION 90
38	1030	U BOLT
39	1027	HOSE ASSY-LP
40		CLIP PLATE-TOP
41		CLIP PLATE-BOTTOM
42	1010	CYLINDER PACKING KID
43		RED CABLE CONNECTOR

MOBILE

Instructions to troubleshoot Mobile On-Board Tote Stacker

1) Remove the green complete lifting assembly (locking plate and 2 pins)
2) Remove the bottom cover (4 nuts and 2 bolts)
3) To the right of the power pack, the starter coil is mounted to the bulkhead and the positive cable from the battery connects to the bottom terminal of this coil.

   Using a voltmeter, check for 12V power supply to ground.

   Use a jumper cable (car booster cable) to connect this terminal directly to the terminal on the motor, thereby bypassing the starter coil. If the motor starts, the carriage will move up and thus the power pack is ok and the fault lies with either the coil or the hand-held remote control box.
4) To check if the coil is ok, using a piece of wire, simply connect the two small terminals on the coil. This bypasses the switch on the hand-held remote control box. If the motor does not run, then the problem is the coil.
5) To replace the coil, it is necessary to access the back of the bulkhead which means that the stacker has to be unbolted from the floor.

MOBILE INDUSTRIES, INC.
3750B Laird Rd - Unit 2 & 3
Mississauga ON, L5L 0A6
Canada

Toll Free: 1 800 527 4612 • Local 905 279 5370
Email: info@mobilept.com

MOBILEPT.COM