



KAR LIFT SOLUTIONS

by OMER®



VEGA LIFT INSTALLATION CHECK LIST

Model of lift _____ Serial # _____
Lift location _____ Bay location _____
Mounting configuration _____
List all options or optional equipment with the lift _____

CHECK LIST FOR PROPER OPERATION(perform all listed operational checks-first unloaded, then loaded)

1. depress the up button and check for smooth balanced lifting from fully collapsed
2. at multiple heights, check for proper operation of the mechanical locking button
3. at multiple heights from a stationary position, depress the up button and check from proper restart of lifting function
4. at full height, depress lowering button and check for proper lifting-lock release and then lowering
5. if lift is fitted with distribution system for compressed air supply to the lift body, check for proper operation of the air distribution switch
6. is the rotary action of the main switch free and non-binding
7. with the photo-electric cell on the lift body covered, check for proper operation of the photo-cell override button
8. with the lift fully collapsed, ensure that the photo-electric cell and the lighting system are inactive
9. during raising, as the lift passes the class 1/division 1 height, check for proper activation of the photo cell and lighting system
10. above class 1/division 1 height, check for proper operation of the lighting control switch
11. during lowering of the lift, raise each safety bar and ensure the lift immediately stops
12. check for smooth/bind-free operation of all safety bars

CHECK LIST FOR THE CONTROL BOX

1. are connection of (2) 14/12 wires tight at terminal strip YES _____
NO _____
2. are connection of 14/3 wires tight at terminal strip YES _____ NO _____
3. are connection of 3 input power wires tight at main power switch YES _____
NO _____

4. are all ground wire connections at the grounding bar fitted with terminal ends and tightened to the grounding bar **YES**____ **NO**____
5. is rating of thermal overload on main switch adequate for motor amperage draw as listed on motor ID plate. What is maximum amperage draw as listed on motor plate?_____ What is maximum amperage rating on thermal overload?_____ What is setting of thermal overload?_____ What is the maximum amperage draw of the motor when the lift is at full extension and the motor is operating?_____
6. are all remaining, factory installed wires within the main plastic control box properly tightened in their location? **YES**____ **NO**____ (With a pair of needle nose pliers, grab each wire at its terminal location and apply slight pressure to ensure wire is properly secured)
7. are all components in the plastic control box properly secured to the bottom of the control box? **YES**____ **NO**____(apply slight pressure side to side on each component to ensure it is properly anchored into the control box including the buttons on the hinged door)
8. is the alignment of the main switch shaft to the main switch actuation knob mounted in the control panel door correct? **YES**____ **NO**____
9. are the wiring and buss bar connections within the motor cover proper and tight? **YES**____ **NO**____
10. are the wiring connections at EV1 and EV2 and mechanical pressure switches proper and tight? **YES**____ **NO**____
11. are the air connections from the lift at the EV valves and the jacking beam air distribution switch tight and leak free? **YES**____ **NO**____
12. is the connection of the air supply to the control box from the building completed in hard wall vinyl tubing? **YES**____ **NO**____
are these connections tight and leak free? **YES**____ **NO**____
13. are the electrical connections of the control box to the building power supply disconnect proper and tight? **YES**____ **NO**____
are all conduit in seal-tite power supply tubing clean and tight?
YES____ **NO**____
14. is the rear panel of the control box secure and tightened with all required screws?
YES____ **NO**____
15. is the control box anchored to the floor and are all anchors tight? **YES**____
NO____
16. has wiped down of control box been completed? **YES**____ **NO**____
17. check for proper alignment and operation of the control panel locking system?
YES____ **NO**____

CHECK LIST FOR LIFT BODY

1. are all anchors properly installed and tightened? **YES**____ **NO**____
2. if there is gaping between the base plates of the lift and the foundation in excess of ¼ inch, has the lift been grouted to the floor? **YES**____ **NO**____
3. if the lift is open floor in design, have the legs been properly balanced for correct operation and are the forcing screw jam nuts properly tightened? **YES**____ **NO**____
4. is the torsion bar micro switch properly aligned, tightened and free of debris?
YES____ **NO**____
5. are the hydraulic and air connections to the torsion bar tight and leak free?
YES____ **NO**____
6. are the electric supply lines, as they enter the rear lifting legs properly positioned to avoid improper flexing that could lead to conductor deterioration or exterior jack chaffing? **YES**____ **NO**____
7. are the safety bars all properly attached with all screws in place and secure

- YES___ NO___
 are the safety bar micro switches properly positioned and tightened to allow direct operation of the safety bar contact plungers? YES___ NO___
 are the wire connections within the safety bar micro switches proper and tight? YES___ NO___
8. are all runway lights properly secured and mounted to allow clear operation of the jacking beam? YES___ NO___
9. are the electrical connections to each individual light clean and tight? YES___ NO___
10. is the photo-electric cell secure and properly aligned? YES___ NO___
11. is the photo-electric cell reflector properly position, in good condition and wiped clean? YES___ NO___
12. within the runway junction boxes, are all connections properly tightened? YES___ NO___
13. is the aligned of the micro switches to the lock transmission bar proper? YES___ NO___
 are the micro switches under the runways that are operated by the lock transmission bars properly secured to the underside of the runway? YES___ NO___
 are the wiring connections within the micro switches mounted under the runways proper and tight? YES___ NO___
14. is the positioning of the activation arm on each of the micro switches mounted above the center lifting cylinders correct to allow operation of the mechanical locking feature when the locks are spaced open at approximately 10 mm? YES___ NO___
 are the micro switches mounted above each center lifting cylinder proper secured and anchored? YES___ NO___
 are the wiring connections within the micro switches mounted above each of the center lifting cylinders proper and tight? YES___ NO___
15. is the operation of the lock transmission bar smooth without binding? YES___ NO___
16. once the lift reaches maximum height, is there any leakage of hydraulic oil from the holes in the cylinder ring nuts? YES___ NO___
17. are the rings nuts on all the lifting cylinders properly seated and tightened? YES___ NO___
18. are the moveable boards proper for the lift? YES___ NO___
 is the pivoting operation of the moveable board smooth? YES___ NO___
 if the lift is fitted with fixed wheel stops, are these wheel stops properly attached? YES___ NO___
19. if the lift is fitted with compressed air supply in the runways, are all connections for this system tight and leak free? YES___ NO___
 are the quick disconnects at each end of one runway damage and leak free? YES___ NO___

CHECK LIST FOR SECONDARY ITEMS

1. access ramps, if the lift is fitted with access ramps are the ramps properly aligned to the lift body? YES___ NO___
 if the access ramps do not sit directly on the floor, are the access ramps properly shimmed and are the shims permanently attached to the access ramps(shimming can be either steel or masonry shimming)? YES___ NO___
2. if anti-skid coating has been applied to the runways and/or access ramps, is the coating properly adhered to the all surfaces? YES___ NO___
3. if the lift is equipped with a jacking beam, is the rolling operation of the jacking beam smooth over the full length of the runways? YES___ NO___

are the operational stops to keep the jacking beam from coming off the end of the runways in place and tight? **YES**____ **NO**____

are all lifting adapters for the jacking beam present and damage free?
YES____ **NO**____

does the jacking beam travel to full extension and return to fully collapsed position?
YES____ **NO**____

does the jacking beam have any air leaks? **YES**____ **NO**____

has the vent cap been installed in the jacking beam? **YES**____ **NO**____

CHECK LIST FOR LITERATURE

1. have the lift O/M manuals been turned over to the end user? **YES**____ **NO**____

2. have the accessory O/M manuals been turned over to the end user? **YES**____
NO____

CHECK LIST FOR TRAINING

1. has the end user been properly trained? **YES**____ **NO**____

2. what type of training has been provided[operational/maintenance/troubleshooting and repair]?_____

3. how many shifts have been trained?_____