

Please Print! Survey must be fully completed and dated for order processing. Ship to: Job ___ or Shop ___ (check one)

Job Name _____

Code in Force (i.e. A17, Title 8, B44) _____

Job Address _____

City _____ State _____ Zip/Postal Code _____ Country _____

Car # _____ Number of Landings _____ Travel _____ ft Pit Depth _____ ft Car Speed: _____ fpm.

Jack Mfg. _____ Plunger Wall Thickness _____ inches Capacity of Car _____ lbs. Car Weight _____ lbs.

Original Elevator Installing Company: _____ Date of installation _____ Mfg.'s Job Number _____

Include LifeJacket Information Display Option LJ4050 (additional charge applies): ___ Yes ___ No (*Required in Michigan*)

Packing, specify style and size _____ **Packing Must be Replaced** Is Controller: ___ Solid State OR ___ Relay

Is Pit prone to flooding? Yes ___ No ___ - - - - - (if yes, NEMA 3R conduit [liquitite flex] is supplied)

Does elevator have a bottom final limit switch? Yes ___ No ___ - - - - (if yes, it must open prior to buffer engagement)

Does Cylinder have a tapped bleeder hole in the head? Yes ___ No ___ - - - - (if no, optional drill and tap is supplied)

Is 120VAC available in controller? Yes ___ No ___ - - - - - (if no, 480/240 to 120 transformer is supplied)

How many 'wiring' feet from controller to Cylinder head? ___ Ft - - - (length of shielded cable sent for set coils and encoder)

Special delivery instructions (e.g., Do you have a forklift to get it off the truck?) _____

Pit Information Record dimensions to 3 decimal places (i.e. 1.234). DO NOT USE FRACTIONS

The plunger diameter (PD) must be *accurately* measured to thousandths of an inch. Using a diameter tape, measure the plunger in at least three (3) places. Record these measurements in the blanks below. Start measurements a foot or so above the packing head.

(PD) 1 _____. 2 _____. 3 _____. 4 _____

See diagrams on page 2 for graphic illustration of dimensions. These dimensions must be accurate for proper fit. All dimensions below must be in inches.

(BSD) _____" (UFD) _____" (FD) _____" (CD) _____" (BN) _____"
Buffer spring diameter Upper Flange Diameter Flange Diameter Cylinder Diameter Number of Buffer springs
 *cannot exceed 17" dia.

(RB) _____" (BS) _____" (SD) _____" (BB) _____"
Runby Buffer Stroke Strike Distance Between Buffers distance

(CHF) _____" (CHC) _____" (LifeJacket legs are made to CHF height unless checked here)
Top of cylinder to top of footer Top of cylinder to floor

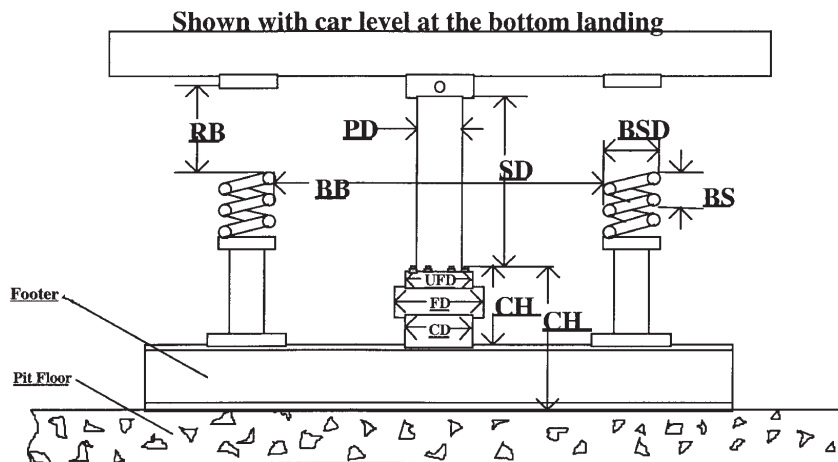
Company _____ Address _____

City _____ State _____ Zip/Postal Code _____

Survey completed by _____ Date _____

PO # _____ Charge # _____ Adams Order # _____

Phone # _____ - _____ Fax # _____ - _____ Serial # _____



PD is the plunger diameter.

For this survey it must be measured to the thousandths using a decimal diameter tape.

BSD is the buffer spring diameter.

UFD is the diameter of the upper flange section of the head, if it is a stepped flange style head.

FD is the diameter of the widest flange section of the head, if it is a flange style head.

CD is the diameter of the cylinder or stuffing box at the top of the head.

BN is the number of Buffer Springs. Please provide a sketch of unusual buffer assemblies and return with survey.

RB is runby, a measurement from the top of the uncompressed buffer springs to the strike plates when the car is floor level.

BS is the buffer stroke and should be stamped on the buffer stand data tag, if not, measure the spring gaps and add.

SD is the strike distance between, from lowest point on the platen to the highest projection on the top of the head, when the car is floor level at the bottom floor.

BB is the distance between buffers.

CHF is the distance from the highest point of the cylinder head to the top of the footer channel.

CHC is the distance from the highest point of the cylinder head, to the (concrete) pit floor.

Please note items below that may have cost ramifications:

- 1: The distance from the pit to the machine room, the *LifeJacket* requires two 4 Conductor shielded wires and three 18G wires run to the pit from the *LifeJacket* Controller in the machine room, so allow wiring time.
- 2: If there is not a tapped hole in the cylinder you will have to add one. A drill and tap is provided. Takes about 1/2 hour.
- 3: The type of jack packing, you must replace it before installation. Extra time is saved later for repacks if it is done now.
- 4: If the buffers need rework, i.e. moving or shortening. The *LifeJacket's* dimensions are 15.75" x 21". If the **BB** dimension is less than 15.75", they will need to be moved.
- 5: If the pit floods; NEMA 3R conduit on the *LifeJacket* is provided, but not for the pit wiring, parts costs must be added.
- 6: The *LifeJacket*™ requires 6 inches of space. If your SD dimension is greater than 6 inches + the required RB + code required, BS no variance will be necessary.
- 7: If buffers are multi-sprunged, please provide a sketch of the buffers with dimensions and return with the survey. Additional strike extension kits may be required.
- 8: Local jurisdictional authorities may charge a fee for a permit, variance and/or inspection where required. Notification of Code concerns will be sent after survey is processed along with an elevation drawing of the pit dimensions after the *LifeJacket* is installed.