

**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) \_\_\_\_\_ " (PH) \_\_\_\_\_ " (PW) \_\_\_\_\_ " (CD) \_\_\_\_\_ " (BN) \_\_\_\_\_ "  
*Buffer spring diameter Pedestal Height Pedestal Width Cylinder Diameter Number of Buffer springs*

(RB) \_\_\_\_\_ " (BS) \_\_\_\_\_ " (SD) \_\_\_\_\_ " (BB) \_\_\_\_\_ " (CHP) \_\_\_\_\_ "

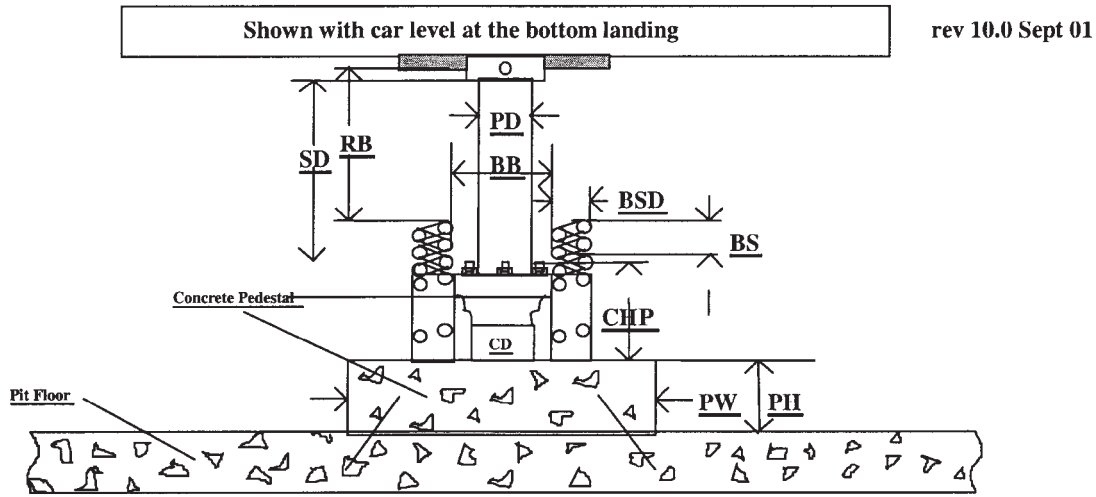
**Company** \_\_\_\_\_ **Address** \_\_\_\_\_

**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.

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

**PH** is the height of the concrete pedestal.

**PW** is the width of the concrete pedestal. This dimension is necessary if the buffers need to be moved or replaced.

**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.

**CHP** is the distance from the highest point of the cylinder head, to the (concrete) pedestal.

**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 *Life-Jacket* is installed.