



ATTENTION:

**PLEASE READ THIS MANUAL COMPLETELY
AND THOROUGHLY BEFORE ATTEMPTING
TO INSTALL, OPERATE OR WORK ON THIS LIFT.**

Model 12000SI

Model 12000SI – EH1

Model 12000SI – EH2

Installation, Operation, and Maintenance Manual

Part # 95068

Quest Corporation

P.O. Box 5668

2912 W. 2nd

Pine Bluff, AR 71611

Phone: (870) 534-6411 or 800-436-1327

10/12/05

TABLE OF CONTENTS

INSTALLATION INSTRUCTIONS	3
FLOOR LAYOUT	5
ANCHORING INSTRUCTIONS	6
APPLYING GREASE TO POST	14
SYNCHRONIZE EQUALIZER CABLES	16
OPERATION	17
MAINTENANCE SCHEDULE	17
TROUBLE SHOOTING	19
WARRANTY REGISTRATION CARD	21
PARTS MANUAL	22

INSTALLATION INSTRUCTIONS

Choosing A Location

- Use **architects' plans when available**. See Floor Layout on Page 2 for typical layout of the 12000# inverted cylinder model.
- **Two Post Lifts** require a *minimum* ceiling height of 3" higher than the overall height of the lift being installed. For the 12000SI this will be 168" (14').
- **The Steel Reinforced Concrete** floor must be level, have a *minimum* thickness of 6 inches, and retain a *commercial rating* of 3500 psi. The concrete ***must*** be cured for a ***minimum of 28 days***.
- **Before making a Final Decision**, consider the amount of workday traffic flowing in and around the location you have chosen. Also consider the amount of room out front of the lift for a workbench or diagnostic equipment. There may also be some future building plans to consider. Are you satisfied with your selection?

Important General Information

1. There are numerous blends and mixes and additives these days for concrete. All of these work well when used in the proper application. However, years of experience have shown that nothing beats a properly cured, steel reinforced concrete slab for this application. Another thing to watch is additives that claim to harden the concrete faster or reduce the cure time. Again, these things have their place, but not in this application! ***A steel rod or mesh reinforced slab cured 28-30 days with the slab kept properly hydrated gives the best results.***

2. Checking bolts for tightness to some people means that once a week they grab a wrench and go around yanking a quarter of a turn on every nut and bolt they see. This is, of course, not the proper way of handling any bolt, ***especially*** the stress anchor used to anchor your lift. ***When the anchors are installed, they must be torqued with a torque wrench to 150 foot-pounds initially.*** After a period of time, they will loosen up some. This is normal. When checking the anchors just put a wrench on them and "feel of them" or apply a small amount of torque to the bolt. If it is tight, it is good to go. If it is loose, get a torque wrench and tighten it to 60-90 foot-pounds.

3. The lift is not designed for an outdoor installation because of the possible damage and degradation to the hydraulics and the electrical components caused by direct exposure to

the elements. If the unit is installed in a building or outbuilding with a floor that is anything other than the recommended concrete floor, a pad can be poured. The size and construction of the pad can vary depending on the soil conditions and the local weather conditions. It is recommended that each of these situations be handled separately by a local engineer.

4. Never place a lift in a pit or depression in a garage area or any environment where gasoline is around. Gasoline fumes tend to gather at the floor and low areas, so the lift must be mounted on the main floor of the building and not in the basement or a pit.

5. Always remember that your lift is rated at 12000 pounds. This means that the lift will safely and reliably lift a load of 12000 pounds as long as that load is evenly distributed on all four arms. If the load is offset or unevenly distributed, then one post can actually be operating at a load greater than 12000# and the lift can be overloaded with less than the rated load. So the lift load rating is **12000 pounds or 3000 pounds per arm.**

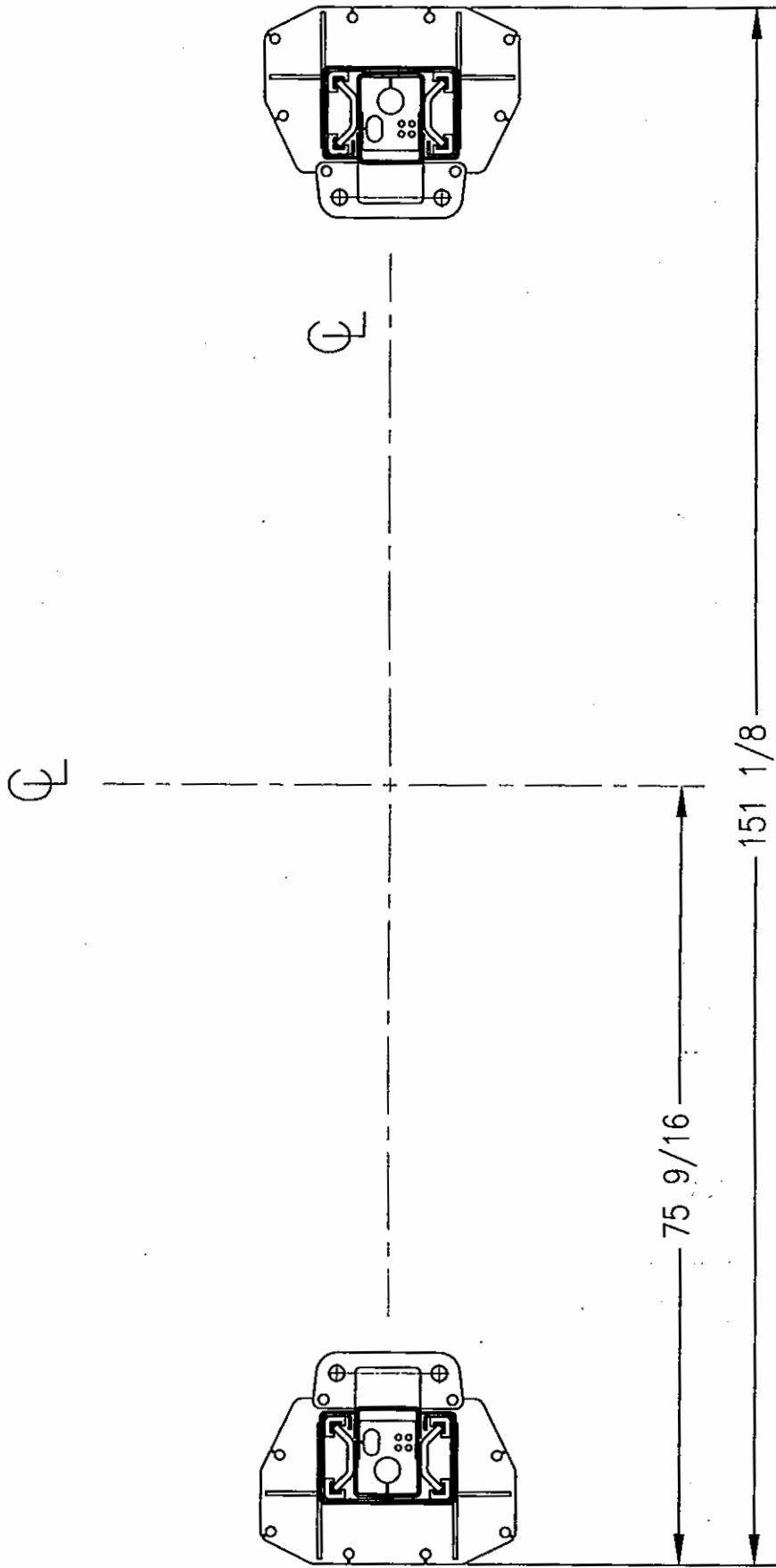
Positioning the Post (Columns)

Carefully examine the packed unit for damage before unpacking. Any claims for damage should be filed with the freight carrier at delivery. Unbolt the package being careful to save the bolts and use them to reinstall the top caps after unpacking the lift. Place posts in bay using dimensions shown in Floor Layout (Figure 1). The bases must be square with the layout lines as shown. It is recommended that the extensions be mounted to the posts before standing them up. You will need a considerable amount of help standing up these posts.

Drilling and Anchoring

A. Drill 3/4" x 5-1/2" (minimum depth) holes in the *concrete* floor using the holes in the base plates as guides. Drill the holes perpendicular to the surface, being sure not to enlarge them by allowing the drill to wobble. Do not ream-out the holes. (See Anchoring Instructions, Figure 2). ***Be careful when drilling the holes, the posts can tip over.***

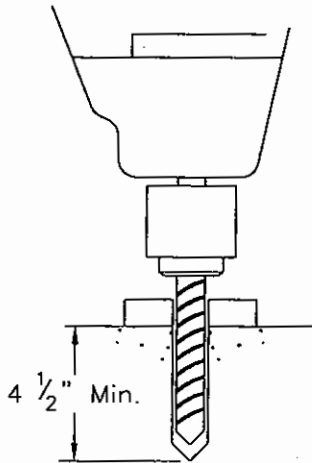
B. Blow all of the dust and debris from the holes, then clean around the openings with a wire brush. A clean hole will improve the prospect of solid anchoring.



12000# FLOOR LAYOUT

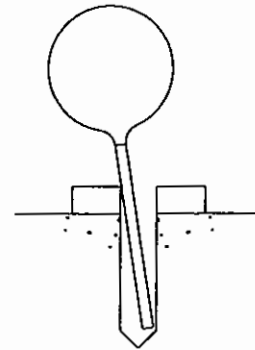
ANCHORING INSTRUCTIONS

Step 1



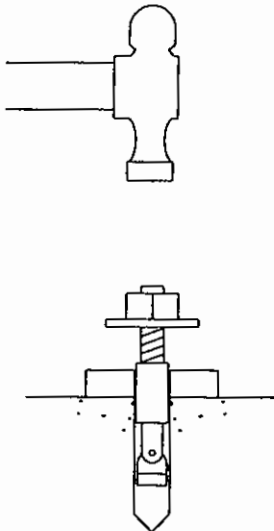
Drill holes using 3/4" carbide tipped masonry drill bit per ANSI standard B94.12.1977

Step 2



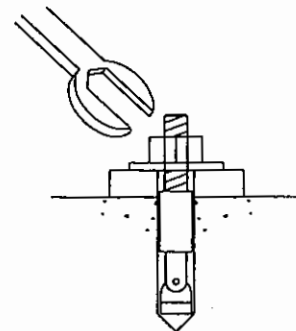
Clean hole.

Step 3



Run nut down just below impact section of bolt. Drive anchor into hole until nut and washer contact base.

Step 4



Tighten nut with Torque wrench to 150 ft.-lbs.

Figure 2

2. To install Anchor:

- A. Assemble the washer and nut onto the anchor bolt with nut just below impact section of bolt.
- B. With a hammer, *carefully* tap the anchor bolt into the concrete until the washer is resting on the base of the column. **DO NOT DAMAGE THE NUT OR THREADS!**
- C. Before tightening the nuts, level and plumb the columns, using the shims provided.
Note: If more than 1/2" of shims is required to level the post, **Do Not Use the Anchors supplied with this lift. It will be necessary to purchase longer anchors for your application. The brand of anchor recommended is the Hilti Kwik-Bolt.**
- D. When columns are level and plumb, tighten the nuts with a *Torque Wrench* to 150 ft-lb. If anchors do not tighten to 150 ft-lbs in existing floor, replace concrete under each post with a 6' x 6' x 10" thick pad keyed into and flush with the existing floor. Concrete must be 3500 PSI minimum.

NOTE: NEVER USE AN IMPACT WRENCH TO TIGHTEN ANCHOR BOLTS!

Attaching The Overhead Beam and Shut-Off Cable

1. The overhead beam is attached to the extensions at the ends with eight 3/8-16 x 1 HFHSL bolts and HFHSL nuts.
2. The cable sheaves must be assembled onto the shafts with the spacers supplied as shown in figure xx prior to attaching the overhead channel.
3. To **Install the Shut-Off Cable**, route the cable as shown in Fig. 5 on page 13.
4. Using two 1/4 x 1 bolts, attach the shut-off bar brackets to the overhead beam at the holes provided. The brackets can be placed on the front or back of the lift, but attaching toward the back of the lift is recommended.
4. Attach the shutoff cable to the offside bracket. Then pull the slack out of the cable until you hear the switch click inside the Power Unit. The click indicates that the cable is tightly drawn. Loosen the cable until the switch releases, and crimp the cable clamp. See Fig. 5 on page 13.

**CAUTION! KEEP FEET CLEAR OF LIFT
WHILE LOWERING!!!**

Attaching the Air Actuator

1. Locate the 1/8" air tubing and fittings included in the kit along with all the latch parts.
2. Assemble the latch mechanism in the back of the post as follows:
 - A. Stand facing the back of the post and begin assembling the mechanism from the right.
 - B. Place one of the snap rings on the shaft insert it through the hole in the mounting bar on the right.
 - C. Begin assembling the parts on the shaft from right to left. First the wide spacer, then the latch assembly, then the spring, and the narrow spacer last. Push the shaft through the left-hand bar and check the operation of the latch.
 - D. Pull the latch back and let it go. It should move freely and smoothly and snap back up when released.
 - E. Get the air cylinder and clevis and assemble them loosely. If there is a pin in the rear of the cylinder, get a punch and carefully remove it being extremely careful not to damage the cylinder.
 - F. After removing the pin (if necessary) screw in one of the push lock elbows. Be careful not to over tighten the fitting.
 - G. Remove the pin and E-clips from the clevis and attach the clevis to the link with the pin and E-clips. Swing the cylinder up and attach the cylinder to the post by sliding the 3/16" pin through the small holes in the brackets. The pin will be kept in place by the cover when it is installed.
 - H. Repeat this process for the other side in exactly the same manner
 - I. Get the 1/8" tubing and slip one end of the tubing into the push lock fitting. Leave about a 1" loop in the tubing and route the tubing up the post and through the overhead and down the post to the other side. Be careful to avoid pinching or kinking the tubing. At the other post, Leave another loop in the tubing at the fitting

and cut the tubing off. **Take the remaining tube and the "Y" fitting back to the center of the overhead.**

- J. **Locate the approximate center of the 1/8" tubing in the overhead and cut the tubing at this point.** Reconnect the two ends of the tubing using the "Y" connector with the two openings in the fitting pointed toward the power unit post. Take the left over tubing and push one end of the tube into the second opening in the fitting and route the tubing along the first tube down the power unit post to the power unit bracket
- K. Locate the air valve and adapter fitting (1/8 NPT x 1/8" tube). Use a little tape or pipe dope to seal the fitting and screw it into the valve at the proper opening. The input line fitting should also be installed at this time. The customer should provide this fitting. Assemble the actuator button, the valve assembly and the bracket. The bracket should be attached and all connections made after the power unit is installed.

Installing the Equalizer Cables

A. Manually lift both carriages to about waist height. Be sure they are the same height and on the same latch location on the carriage.

B. Install the Equalizer Cables using the Routing for the lift as shown in the diagram in Figure 4. Sandwich the upper plate of the carriage between the nuts. The cables should be taught, but no too tight. Be certain to tighten the jam nuts.

Power Unit Placement and Connection of the Hydraulic Hoses

1. Remove the power unit from the box and locate the mounting hardware. For easy mounting, place two bolts through the middle slots on the power unit mounting plate and start the nuts on them. Then lift the unit up and slide the unit into position while guiding the bolts into the slots on the bracket from the top. Install the other two bolts and tighten securely. Attach the air valve bracket at this time and connect the air lines.
2. Attach the bulkhead fitting to the post by removing the attached nut and putting the long threaded part of the fitting in the column through the hole and tightening the nut securely from the outside of the column. Locate the ORB adapter and screw it into the outlet port on the power unit. Then take the short hose from and attach it to adapter on the power unit and to the bulkhead fitting on the side of the lift column. Tighten the fittings securely.
3. Locate the long hose and take it to the top of the lift. Attach one end of the hose to the fitting at the end of the steel hydraulic line. Route the hose up the side of the post extension, through the hole, and down bottom of the overhead channel to the fitting at the top of the other post. **Be certain that the hose is not resting on any sharp edges or any moving parts.** Secure the hose to the bottom of the overhead channel with the

hose clamps and screws provided. Once the hose is secured, the air lines can be attached to the hose with wire ties to secure. Be careful not to pinch the air line.

NOTE: DO NOT OVER-TIGHTEN THE HYDRAULIC HOSE CONNECTIONS!

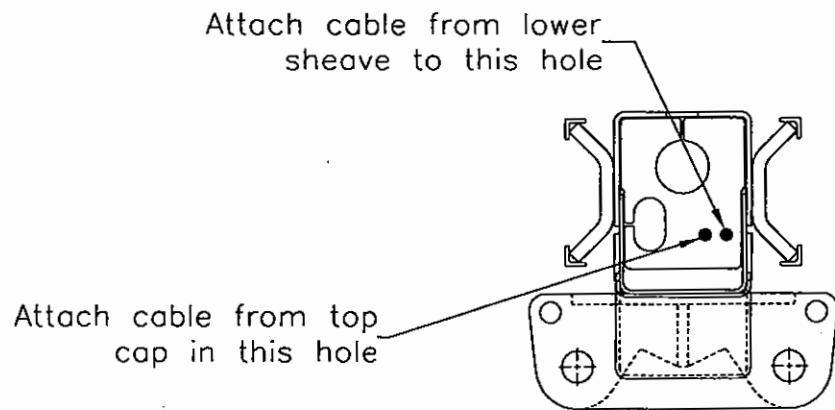
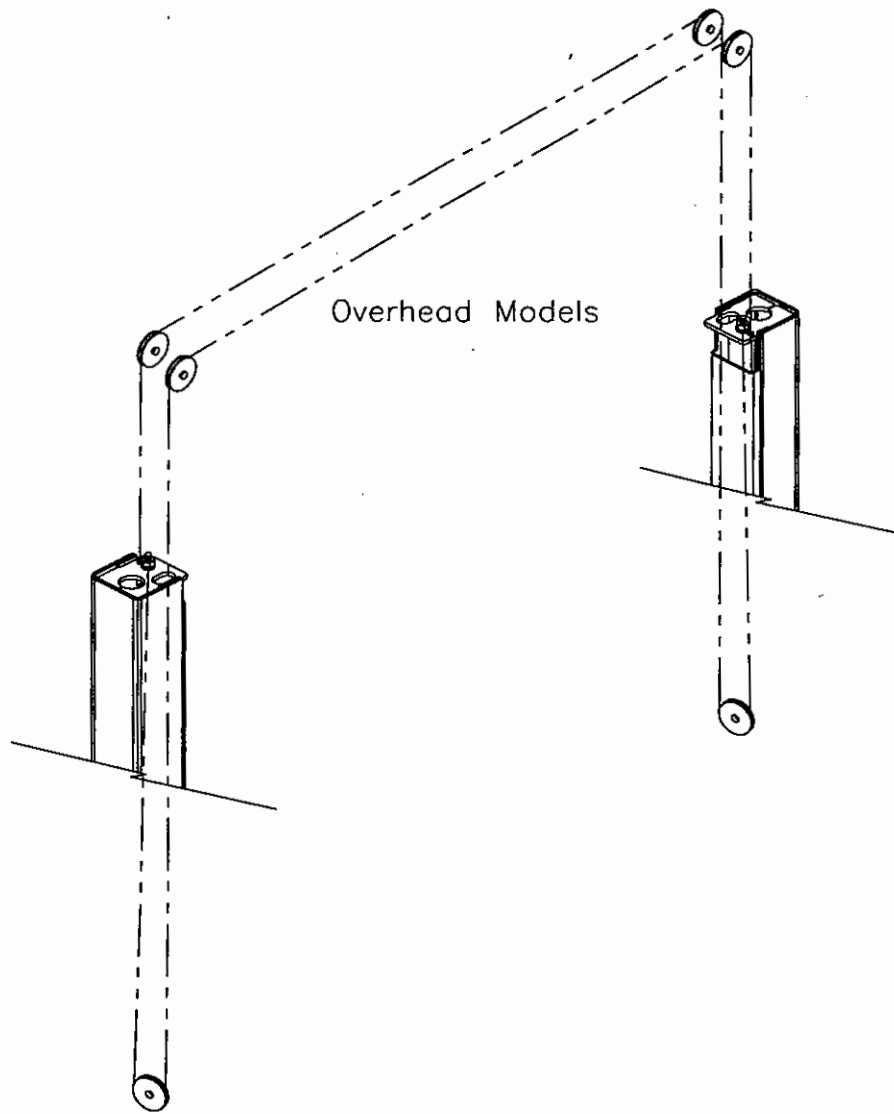
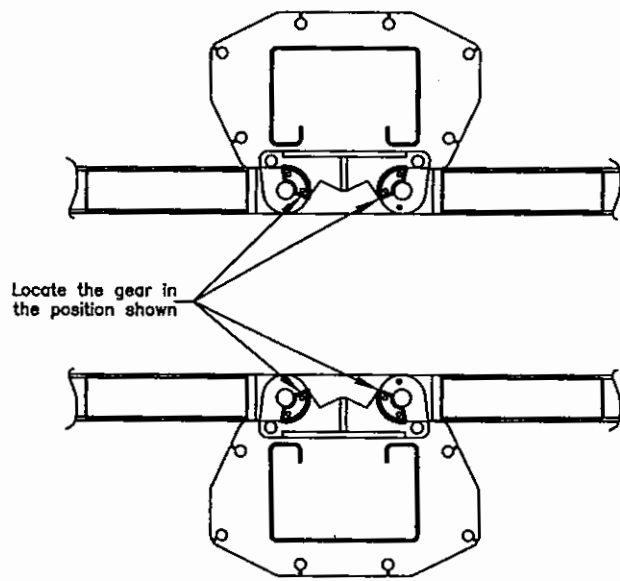


Figure 4



1200SI

Figure 6

SHUT-OFF CABLE ATTACHMENT

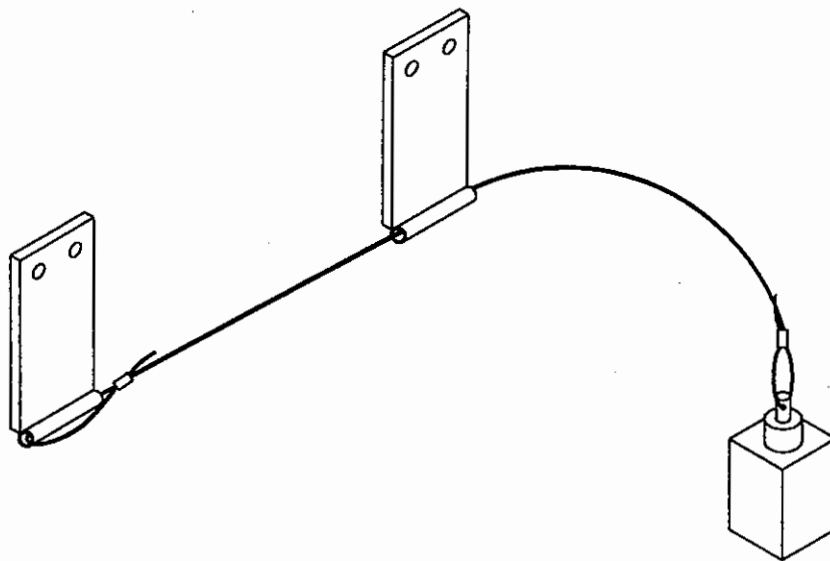
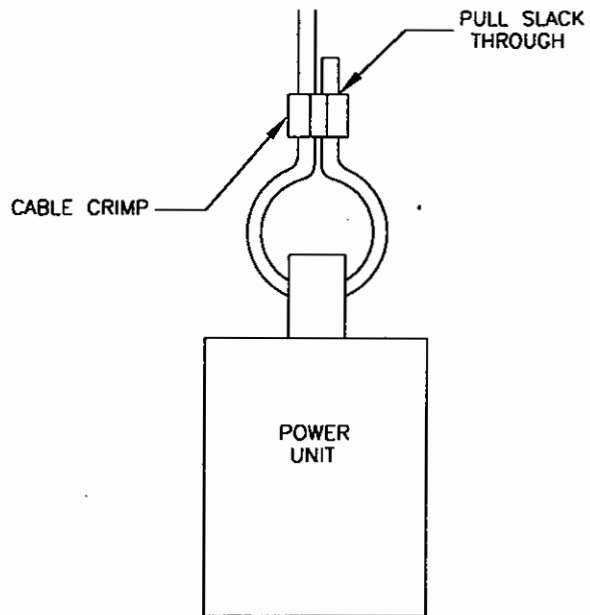


Figure 5

Attaching the Swing Arms and Arm Restraints

1. Locate the arms, arm pivot pins, arm restraint gears, and hardware. Place the arm clevis end into the clevis on the carriage.
2. Slide the pivot pins through the arms and carriage until it bottoms out.
3. Locate the arm restraint gears as shown in Figure 6. Fasten each with (2) 3/8-16 X 1 Socket Head Cap Screws.
4. Check the operation of the arm restraints. To adjust the release height of the restraint rods on the carriage, remove the screw in the bottom of the rods and place 5/16 washers under the screw until the restraints release cleanly when the carriage is lowered. There should be a little play in the release rod when the carriage is completely down.

Electrical Connection

NOTE: WE STRONGLY RECOMMEND THAT YOU USE A LICENSED, PROFESSIONAL ELECTRICIAN TO INSTALL THE POWER TO YOUR TWO POST LIFT!

Filling the Hydraulic Fluid Tank

Remove the vent-cap from the top of the Hydraulic Fluid Tank attached to the Power Unit. Using a funnel, carefully pour in the Hydraulic Fluid (approximately 12 quarts) until fluid gets near the top of the tank. Replace the vent-cap.

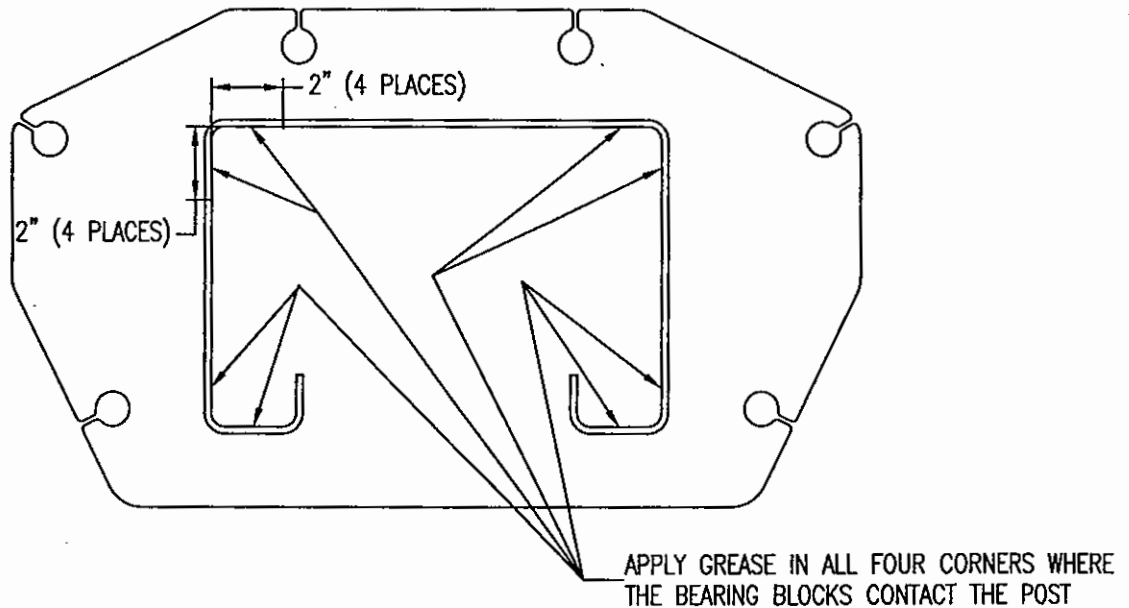
We Recommend Using One of the Following Fluids:

Dextron II Non-Detergent

Shell Tellus #32

10 Weight Hydraulic Jack Fluid

Applying Grease to the Post at Installation



Grease must be spread inside the posts of the lift after it is installed but before any load is applied. A one pound tub of grease will be packaged in the hardware box. Upon locating the tub, open it and apply the grease to the inside surface of the post as indicated in the illustration. Make application only on the area that the bearing blocks will be contacting the post. It is not necessary to apply grease above the area the carriage will run. The grease can be applied with a brush or a rag. First apply the grease to the four corners of the post to a distance of 68" above the carriages. then raise the the lift with no load to full height. Check to see that the posts are greased for the full travel of the carriage. Then, with the carriages at full height, Apply grease to the bottom portion of the posts. Cycle the lift twice before load testing.

Bleeding the System

1. Actuate the power unit and hold the button until both carriages lift off the locks.
2. Carefully loosen the bleeding screw at top end of the cylinder and allow the trapped air to escape. **CAUTION! *The air in the cylinders is under pressure. Protect your eyes and cover the end of the cylinder with a rag because oil may spray out of the cylinder.***
3. Repeat the process for the other cylinder.

CAUTION: DO NOT OVER TIGHTEN THE BLEED PLUG

Adjusting the Equalizer Cables to Synchronize Carriages

Raise and lower the lift several times while listening to the *clicking* of the safety locks in each column. If the safety locks are not clicking in unison (at the same time), determine which carriage is running behind, and tighten (just a few turns) the adjustment bolt on the *opposite* side. When the cables are properly adjusted, they should feel fairly tight.

Final Assembly

1. Using the adhesive cable anchors and cable ties, fasten the overhead switch cord and the air lines to the posts.
2. **Be certain** to plug the unused holes in the sides of the posts with the hole plugs provided.
3. **Install the covers on the carriage latches** by snapping them over the ears on the vertical bars on either side of the latch.
4. **Check all nuts and bolts**, making sure they are tight. Check the jam nuts on the equalizer cables for tightness. Make sure the clamp bars on the strain reliefs are tight.
5. **Check all of the hydraulic fittings** for possible leaks. Check **all** the fittings for proper tightness.
6. **Make sure the Carriages are synchronized.**
7. **Make sure post are greased.**
8. **Place a vehicle on the lift** (see operating section for instructions below for to the safe and proper way to lift a vehicle), raising the vehicle until it clears the floor. Lower the lift all the way to the floor and recheck all the anchor bolts. Raise the vehicle all the way to the top and lower all the way to the floor several times. This procedure will ready the lift for continued operation.

OPERATION

1. Center the vehicle left and right between the posts.
2. Position the swivel pads under the frame of the car at the *proper lifting points*. (To find the proper lifting points, consult the vehicle's service manual or other approved publication.)
3. Push the up button and raise the lift until the swivel pads make contact with lifting points.
4. Check all swivel pads to make certain all adapters are making *full and proper contact*. **NEVER** go under a vehicle unless all adapters are in secure contact with the vehicle.
5. Raise the vehicle approximately 2 feet and check the stability by rocking the vehicle. *Make sure vehicle weight is centered*. Do not raise if weight is front or tail heavy.
6. Raise the vehicle to the desired height and lower on the carriage latches. **NEVER** go under a vehicle unless the carriage latches are engaged. If any heavy parts are to be removed, use a set of high stands for added safety.
7. Before lowering, check the area under the vehicle to be sure it is clear. Raise lift slightly, pull the Latch Release Handle and hold, then pull down on the lowering release arm and lower **SLOWLY**. *Keep feet clear*.
8. After lowering, rotate the swing arms back out of the way.

MAINTENANCE SCHEDULE

DAILY

1. Always keep bolts tight.
2. Check for oil leaks.

MONTHLY:

1. Re-torque the anchor bolts if necessary. (See **CAUTION!** below)
2. Lubricate chains/cables with spray lubricant.
3. Check all connectors, bolts and pins to insure proper mounting.
4. Make a visual inspection of all hydraulic hoses and lines for possible wear or interference.

Installation Instructions for EH-1 and EH-2

1. With the Overhead and Top Caps removed place the Post Extensions in the tops of the Posts and fasten with the 3/8 x 1 bolts and nuts.
2. Remove the Adapter from the end of the hydraulic line and save it for later. Replace it with the Union from the kit. Then place the Hydraulic Line Extension from the kit into the Union and tighten securely. Place the Adapters on the end of the Extensions and tighten securely. Repeat for the opposite side.
3. Place the Top Caps on the Post Extensions in the same manner as they were attached to the Posts. Assemble the Overhead and Shutoff Cable per the lift manual.

CAUTION!

ALL ANCHOR BOLTS SHOULD ALWAYS BE TIGHT. Check the bolts periodically and tighten if necessary to 60-90 ft.-lbs. after the bolts have been set at installation. If any of the bolts do not function for any reason, the lift should be shut down until the bolt has been replaced.

EVERY SIX (6) MONTHS:

1. Make a visual inspection of all moving parts for possible wear, interference or damage.
2. Check all pulleys for proper lubrication. If pulleys seem to be dragging during lifting or lowering, lightly oil the axle.
3. Check and adjust as necessary, equalize tension to insure level lifting.
4. Check columns for plumbness.
5. Check fluid level of power unit.
6. Lube columns.

TROUBLESHOOTING THE LIFT

- | | |
|--|--|
| 1. Motor does not run: | A. Breaker or fuse blown.
B. Motor thermal overload tripped.
C. Defective UP switch. Replace.
D. Faulty wiring connections. Call electrician.
E. Check the overhead shut-off cable operation.
It could be faulty or stuck-thus holding the switch open. |
| 2. Motor runs but lift will not raise: | A. Trash is under check valve. Push handle down and push the UP button at the same time. Hold for 15 seconds. This should flush the system.
B. Remove the check valve cover with an Allen wrench. Clean the ball and seat and replace the cover.
C. Oil level low. Oil level should be just under the vent cap port when the lift is down. |
| 3. Motor runs but lift picks up partial load only: | A. Faulty relief valve. Replace.
B. Oil is coming out of breather on cylinder. |
| 4. Oil blows out of breather: | C. Seals damaged.
A. Oil reservoir overfilled.
B. Lift lowered too quickly while under a heavy load. |
| 5. Motor hums and will not run: off and | A. Impeller fan cover is dented in. Take straighten.
B. Faulty wiring - Call an Electrician.
C. Bad capacitor - Call an Electrician.
D. Low voltage - Call an Electrician.
E. Lift over loaded. |
| 6. Lift jerks up and down: | A. Cables are too loose - (See Adjusting The Equalizer Cables).
B. Air in system - bleed the system. (See Installation Instructions - Bleeding the System) |

QUEST CORPORATION, d.b.a., BEN PEARSON TUBEMASTER

5 YEAR LIMITED WARRANTY

The structural components of Ben Pearson Tubemaster surface mounted lifts are warranted to the original owner to be free from defects in material and workmanship under normal use for a period of five years from invoice date. Ben Pearson Tubemaster will replace those parts returned to the factory which prove to be defective for the full five year warranty period. Ben Pearson Tubemaster will pay labor cost for replacement of defective parts for the first twelve months with the exception of air cylinders and electrical switches which have a six month labor warranty. Ben Pearson will pay reasonable transportation cost for the first 12 months and purchaser will bear the cost of transportation for the remainder of the warranty.

Power units and hydraulic cylinders are warranted for two years from invoice date against defective material when the product is installed and used according to Ben Pearson Tubemaster specifications. Electrical switches, air cylinders (if used), rolling jacks and turntables are warranted for one year. Warranty obligation is limited to the repair or replacement of parts returned to the factory, freight prepaid which prove upon inspection to have been defective and have not been misused.

This warranty does not cover normal maintenance, cable and chain adjustments, damage as a result of improper installation, abuse, misuse, overloading, negligence, or normal wear and tear, concrete floor problems, or defects caused by lack of required maintenance. This warranty does not cover equipment when repairs have been attempted or made by anyone other than a Ben Pearson Tubemaster authorized service representative.

All parts must be returned freight prepaid and adequately packaged to prevent damage in transit.

This warranty is exclusive and is in lieu of all other warranties expressed or implied including any implied warranty of fitness for a particular purpose, which implied warranties are hereby expressly excluded.

In no event will the sales representative, wholesale dealer, Ben Pearson Tubemaster, or any company affiliated with it or them be liable for incidental or consequential damages or injuries, including but not limited to the loss of profit, rental or substitute equipment or other commercial loss purchaser's sole and exclusive remedy being as provided here in above.

This warranty may not be enlarged or modified in any manner except in writing signed by an executive officer of Ben Pearson Tubemaster. It is the policy of Ben Pearson Tubemaster to improve its products whenever it is possible and practical to do so. Ben Pearson Tubemaster reserves the right to make changes and or add improvement at any time without incurring any obligation to make such changes or add such improvements to products preciously sold.

Ben Pearson Tubemaster products must only be operated by persons who have been trained in its safe and proper use.

To VALIDATE this warranty, the attached form must be completed and returned to the address shown below:

Ben Pearson Tubemaster
870-534-6411

P.O. Box 5668
Fax: 870-534-3177

Pine Bluff, AR 71601
Toll Free: 1-800-436-1327

QUEST CORPORATION, d.b.a., BEN PEARSON TUBEMASTER

BEN PEARSON

PARTS MANUAL - 12000SI

**2912 W. 2ND.
PINE BLUFF, ARKANSAS 71601
1-800-436-1327**

WARRANTY REGISTRATION

Model No. _____ Serial No. _____

Date Purchased: _____ Invoice No. _____

Name of Purchaser: _____

Mailing Address: _____

Physical Address of Lift: _____

City: _____ State: _____ Zip: _____

Telephone No. _____

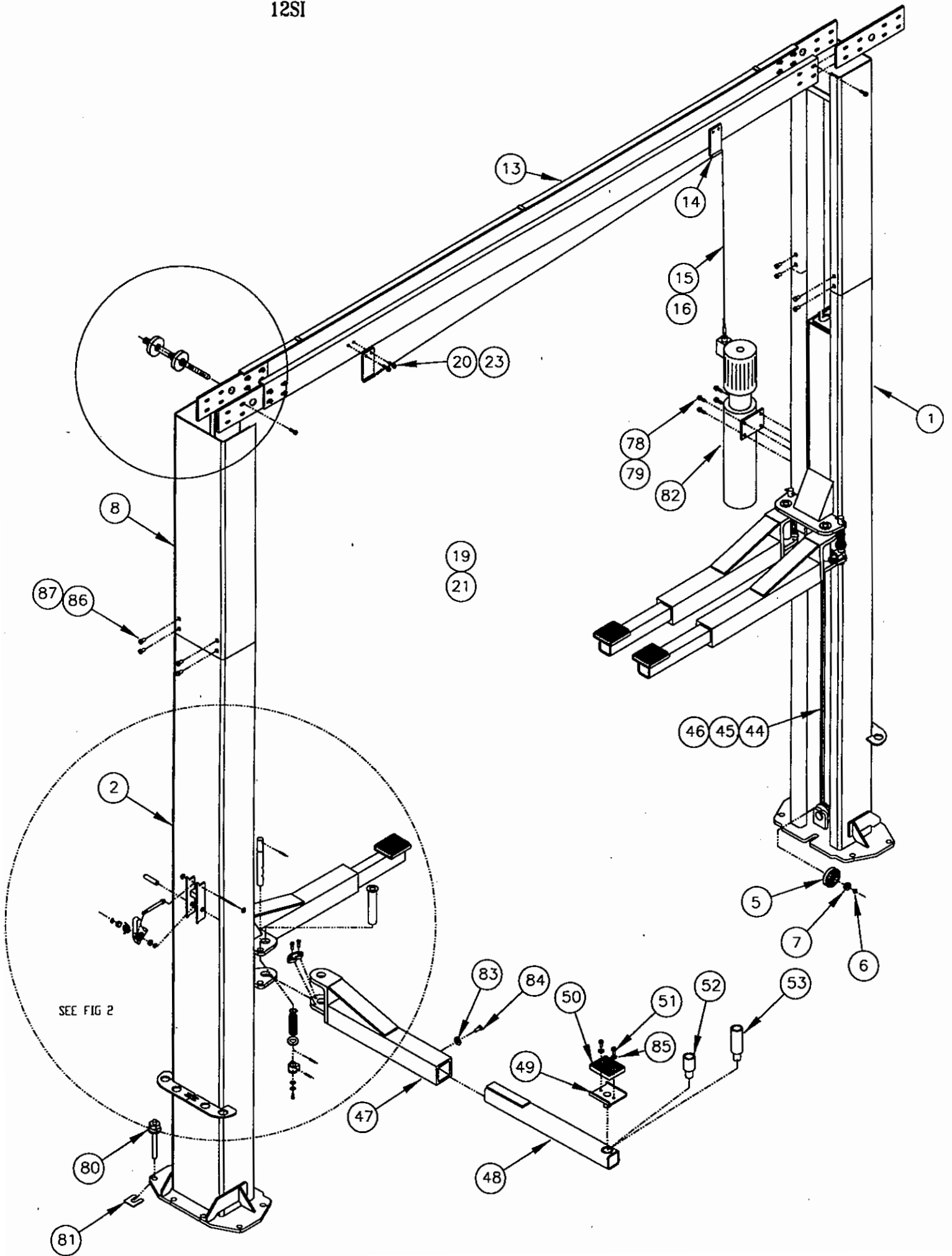
Name of Seller: _____

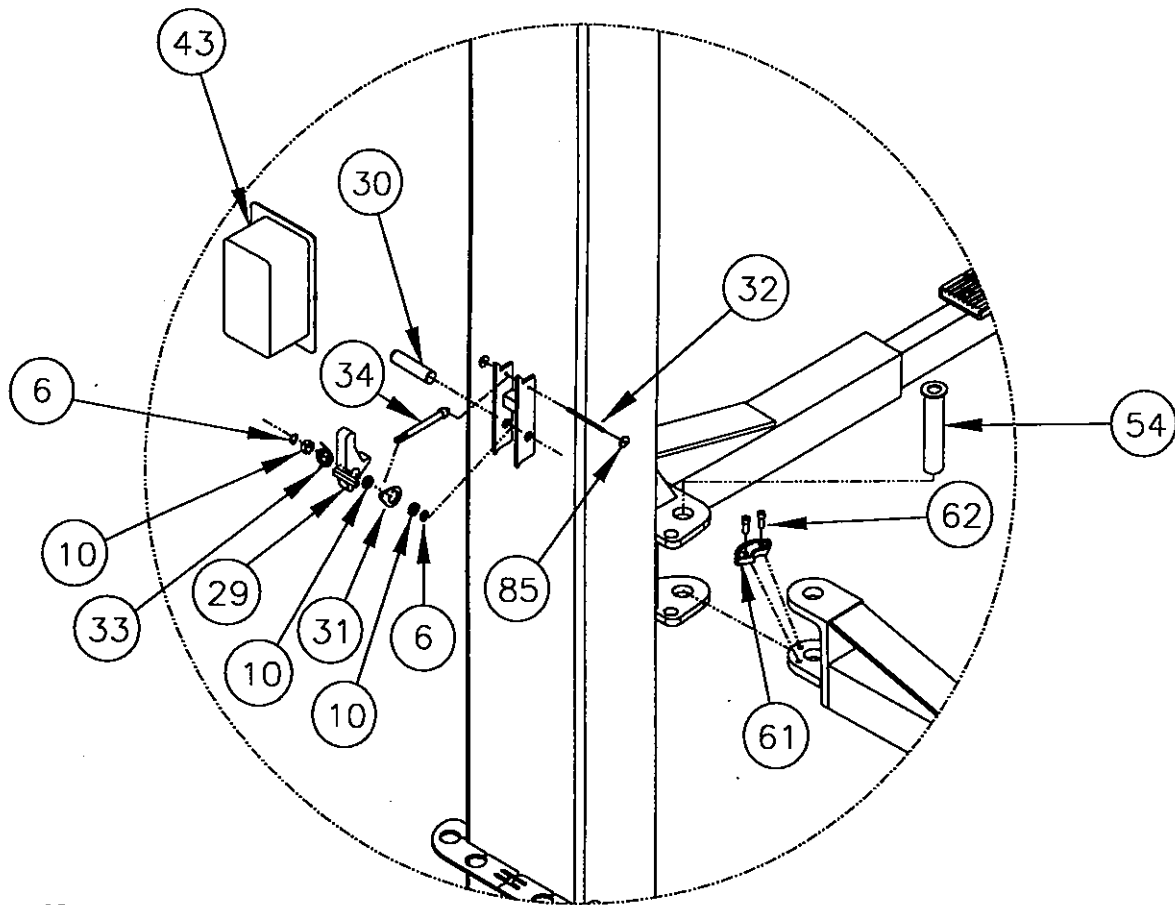
City: _____ State: _____ Zip: _____

Telephone No. _____

Return to:

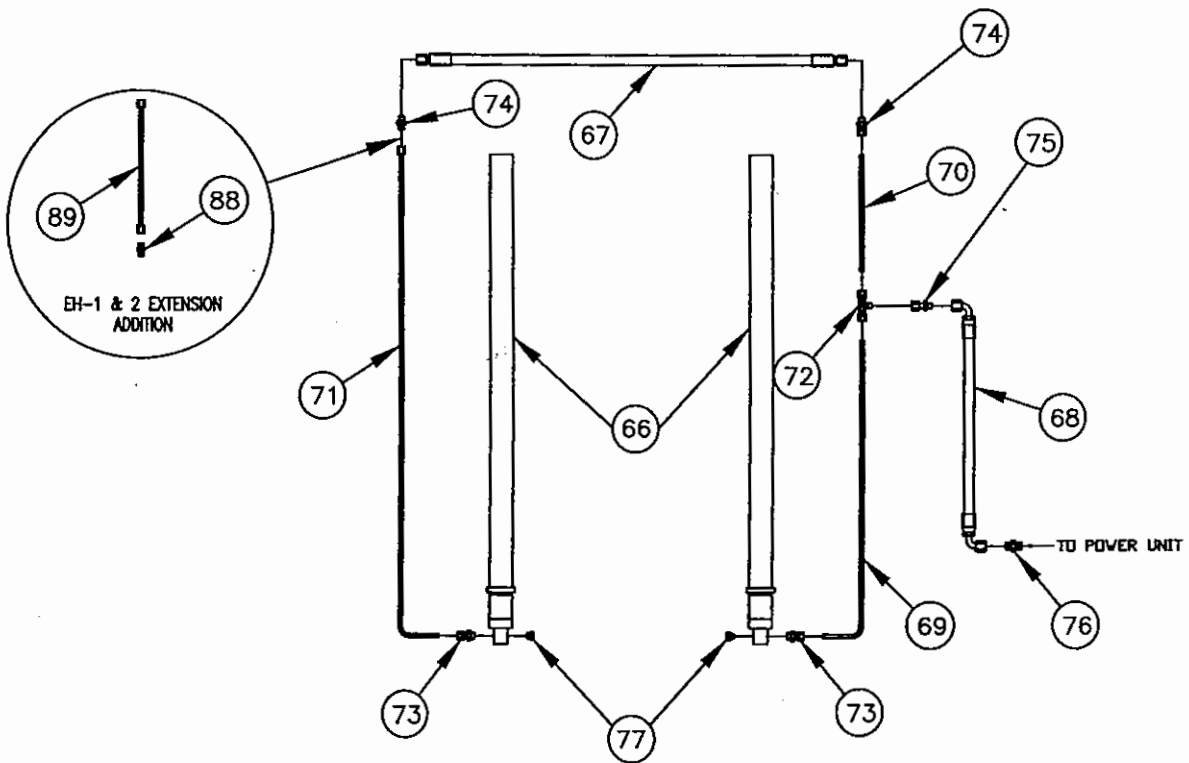
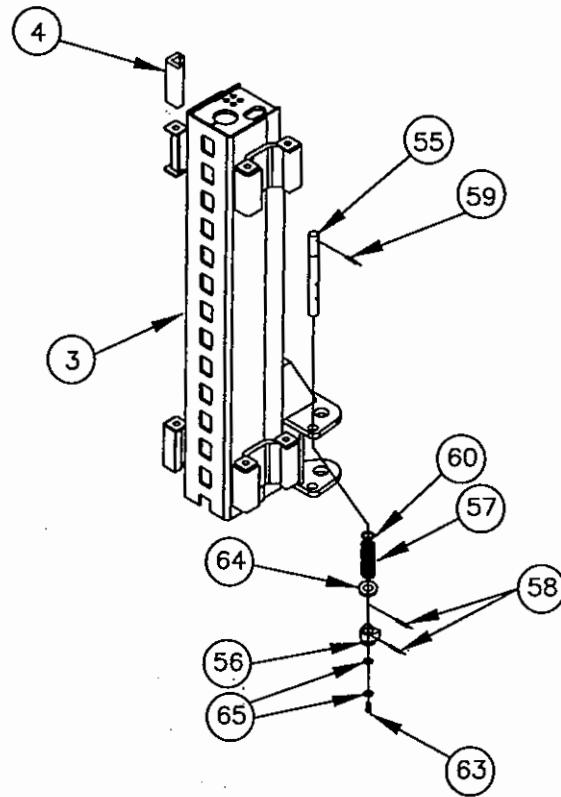
**QUEST CORPORATION
d.b.a., BEN PEARSON TUBEMASTER
P.O. Box 5668
Pine Bluff, AR 71611**

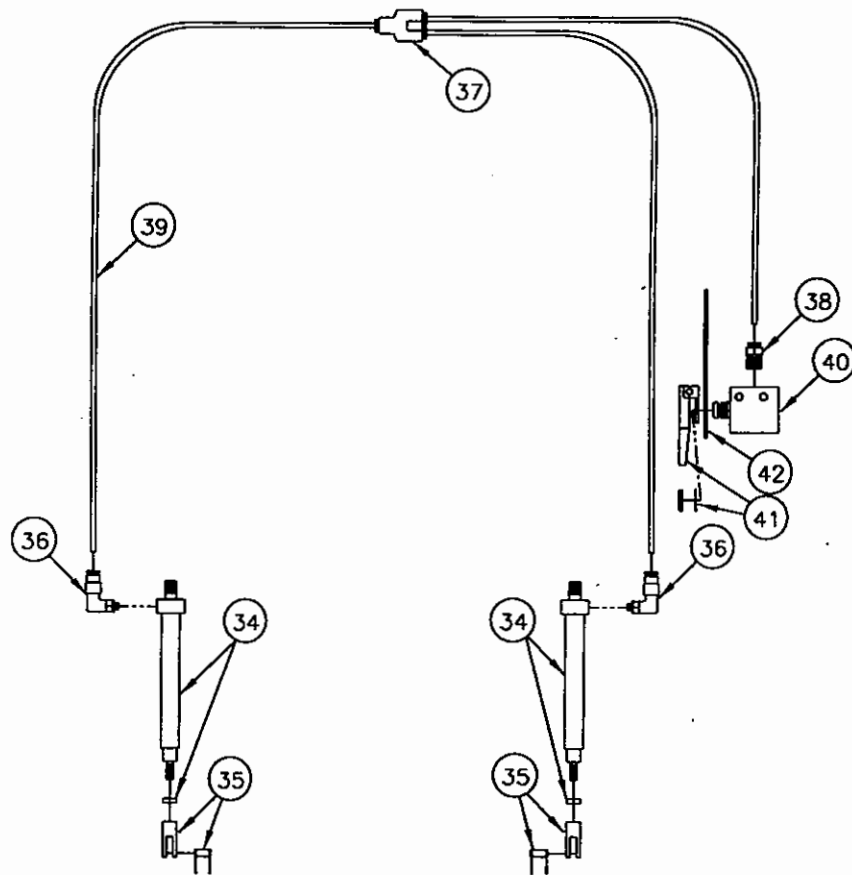
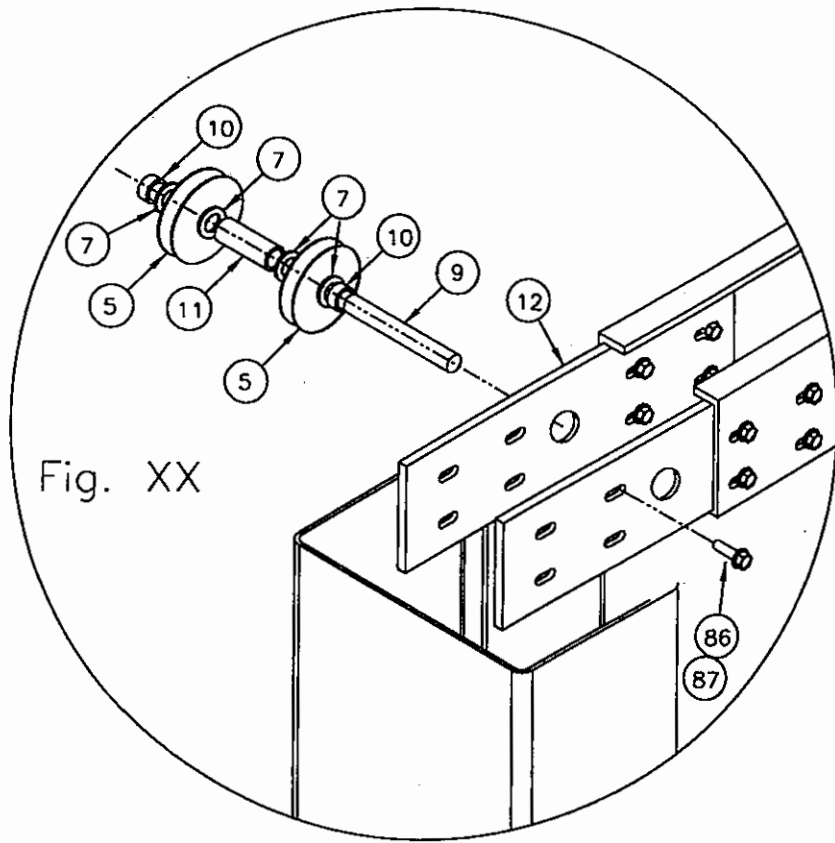




12SI

FIG #2





12SI

		BASE MODEL	12000SI		12000SI		12000SI	
		LIFT PART NUMBER	90075		90092		90093	
		OVERALL HEIGHT	13'-9"	QT	14' - 9"	QT	15' - 9"	QT
#	LIFT PAD ASSEMBLY		91555	4	91555	4	91555	4
	49 LIFT PAD STRUCTURE		91556	1	91556	1	91556	1
	50 PAD LIFT - BOLT ON		91559	1	91559	1	91559	1
	51 HEX SCREW 3/8-16NC X 3/4		100179	2	100179	2	100179	2
	83 FLATWASHER 3/8" SAE		100082	2	100082	2	100082	2
52	LIFT PAD EXTENSION 2-5/8"		91560	4	91560	4	91560	4
53	LIFT PAD EXTENSION 5"		91562	4	91562	4	91562	4
54	ARM PIN STRUCTURE		91701	4	91701	4	91701	4
55	SHAFT - ARM RESTRAINT		91704	4	91704	4	91704	4
56	GEAR - LOCKING		91582	4	91582	4	91582	4
57	SPRING - ACTUATING - ARM RESTRAINT		103017	4	103017	4	103017	4
58	ROLL PIN - 3/16 X 1-1/2		103009	8	103009	8	103009	8
59	ROLL PIN - 1/4 X 2-1/2		103018	4	103018	4	103018	4
60	1" SNAP RING		103019	4	103019	4	103019	4
61	GEAR - ARM RESTRAINT		91584	4	91584	4	91584	4
62	SOCKET HEAD CAP SCREW 3/8-16NC X 1"		101028	8	101028	8	101028	8
63	SOCKET HEAD CAP SCREW-5/16-18 X 3/4		101027	4	101027	4	101027	4
64	FLAT WASHER 1" SAE		100143	4	100143	4	100143	4
65	FLAT WASHER 5/16" SAE		100088	12	100088	12	100088	12
66	CYLINDER		91586	2	91586	2	91586	2
67	HYDRAULIC HOSE 3/8 x 225-1/2"		91706	1	91706	1	91706	1
68	HYDRAULIC HOSE 3/8 x 18"		91595	1	91595	1	91595	1
69	HYDRAULIC LINE 79-3/8"		91596	1	91596	1	91596	1
70	HYDRAULIC LINE 38-3/4"		91707	1	91707	1	91707	1
71	HYDRAULIC LINE 120-1/4"		91708	1	91708	1	91708	1
72	MALE BRANCH TEE		105022	1	105022	1	105022	1
73	CONNECTOR - STRIAGHT		105023	2	105023	2	105023	2
74	UNION ADAPTER		105024	2	105024	2	105024	2
75	FEMALE BULKHEAD CONNECTOR		105025	1	105025	1	105025	1
76	ADAPTER 9/16ORB X 9/16JIC		60544	1	60544	1	60544	1
77	PLUG 9/16 ORB		105026	2	105026	2	105026	2
78	HHFL SCR 5/16X18NCX3/4 GR. 5		100234	4	100234	4	100234	4
79	HH FL NUT 5/16 X 18NC		100237	4	100237	4	100237	4
80	ANCHOR BOLT 3/4 X 7"		95070	12	95070	12	95070	12
81	SHIMS		95001	24	95001	24	95001	24
82	POWER UNIT - O/H 1PHASE 220V		95106	1	95106	1	95106	1
#	RELIEF VALVE - KRV21		105029	1	105029	1	105029	1
83	FLATWASHER 3/8" SAE		100082	4	100082	4	100082	4
84	3/8 X 3/4 SELF TAPPING SCREW		101025	4	101025	4	101025	4
85	PUSH ON FASTENER		103030	4	103030	4	103030	4
86	HFHSL SCREW 3/8-16NC X 1"		100238	48	100238	48	100238	48
87	HHFSL NUT 3/8-16NC		100239	48	100239	48	100239	48
88	UNION TUBE FITTING				105032	2	105032	2
89	HYDRAULIC TUBE EXTENSION				91639	2	91638	2
#	ADHESIVE 4-WAY CABLE TIE		103020	4	103020	4	103020	4
#	SERIAL NAME PLATE		95056	1	95056	1	95056	1
#	BEN PEARSON DECAL 5X36 MYLAR		95005	2	95005	2	95005	2
#	PB/800 DECAL 2X5 MYLAR		95006	1	95006	1	95006	1
#	CAUTION DECAL 12000 LB		95008	2	95008	2	95008	2
#	ETL DECAL		95045	1	95045	1	95045	1
#	ALI UNIFORM WARNING LABELS		95046	1	95046	1	95046	1
#	ALI SAFETY REQUIREMENTS FOR OPERATION		95047	1	95047	1	95047	1
#	ALI LIFTING POINT QUICK REF.		95048	1	95048	1	95048	1
#	LIFTING IT RIGHT MANUAL		95049	1	95049	1	95049	1
#	ALI SAFETY TIPS CARD		95062	1	95062	1	95062	1
#	BLUE TOUCH-UP PAINT		103007	1	103007	1	103007	1
#	YELLOW TOUCH-UP PAINT		103008	1	103008	1	103008	1
#	WARRANTY CARD		83423	1	83423	1	83423	1
#	MANUAL		95068	1	95068	1	95068	1
#	GREASE 2-EP 1# CAN		95116	1	95116	1	95116	1
#	NOT SHOWN							