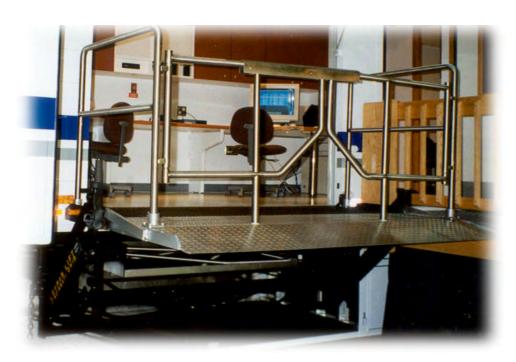


Owner's Manual PLG 1000 Hide-A-Way® DOT – Private Use Lift



LEYMAN MANUFACTURING CORPORATION

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GENERAL SPECIFICATIONS

CUSTOMER: <u>Medical Coaches</u>

MODEL: <u>PLG 1000 – 8445RRCS</u>

RATED LOAD: <u>1000 lbs.</u>

TYPE: DOT - Private Use Lift

PLATFORM OPERATING

DIMENSIONS: 73.75" wide x 36" deep

UNOBSTRUCTED

PLATFORM OPERATING $73.75^{\circ} \times 36^{\circ} \times 30^{\circ} = 46.1 \text{ cu. ft.}$

VOLUME:

OVERALL PLATFORM

DIMENSIONS: 84" wide x 45" deep + 21" flip ramp

HYDRAULIC PRESSURE: 2000 PSI – Provided by trailer

Hydraulic power unit

OPERATION: Power up/gravity down

Power stow/deploy

SERIAL #:

NOTE: "DOT Private Use Lift" verifies that this platform lift meets only the "Private Use Lift" requirements of FMVSS No. 403. This lift may be installed on all vehicles appropriate for the size and weight of the lift, except for buses, school buses, and multi-purpose passenger vehicles other than motor homes with a gross weight rating (GVWR) that exceeds (4,536 kg) 10,000 lbs.



OPERATING INSTRUCTIONS

OPERATING INSTRUCTIONS CAUTION

BEFORE OPERATING THE LIFT, READ AND UNDERSTAND THIS DECAL, <u>URGENT WARNING</u> DECAL, AND <u>OWNER'S</u> MANUAL.

DOT - PRIVATE USE LIFT

OPERATING FROM THE STOWED POSITION:

- TO RELIEVE TENSION ON THE SAFETY CHAINS, PUSH THE UP SWITCH, GATE WILL GO UP.
- 2) REMOVE SAFETY CHAINS FROM HOOKS ON BOTH SIDES.
- USE DOWN SWITCH TO LOWER LIFT UNTIL ARMS ARE PARALLEL TO THE GROUND.
- 4) STAND TO THE SIDE OF LIFT GATE. PUSH THE DEPLOY SWITCH DOWN, GATE WILL COME OUT, RUN UNTIL FULLY EXTENDED.
- LOWER PLATFORM TO GROUND BY PRESSING DOWN SWITCH. UNFOLD SECONDARY PLATFORM AND RAMP.
- ASSEMBLE HANDRAILS AND CLOSE WHEELCHAIR RETENTION DEVICE.

TO RAISE PLATFORM, USE THE UP SWITCH ONLY.
TO LOWER PLATFORM, USE THE DOWN SWITCH ONLY.
UP / DOWN SWITCH IS DISABLED UNLESS WHEELCHAIR
RETENTION DEVICE IS CLOSED.
STOW / DEPLOY SWITCH IS DISABLED UNLESS SECONDARY

TO STORE GATE IN THE OVER THE ROAD POSITION:

- 1) LOWER PLATFORM TO GROUND AND REMOVE HANDRAILS.
- 2) FOLD AND LATCH RAMP, THEN FOLD SECONDARY PLATFORM.
- RAISE PLATFORM OFF GROUND UNTIL ARMS ARE PARALLEL TO GROUND, USE UP SWITCH.
- 4) STAND TO THE SIDE OF LIFT GATE. PRESS STOW SWITCH UP. RUN GATE ALL THE WAY UNDER TRAILER UNTIL LIFT STOPS.
- 5) RUN GATE UP USING UP SWITCH.

PLATFORM AND RAMP ARE FOLDED.

- 6) HOOK BOTH SAFETY CHAINS IN HOOKS ON EACH SIDE OF LIFT.
- 7) LOWER GATE UNTIL CHAINS ARE TIGHT, USE DOWN SWITCH.

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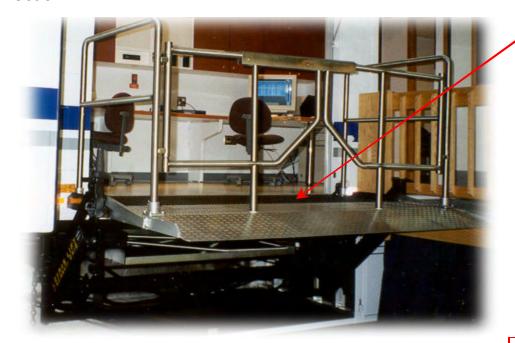
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P55350



OPERATING INSTRUCTIONS_(Cont.)

NOTE: This patient lift gate does have an Inner Roll Stop. Therefore when loading a wheelchair at ground level, the wheelchair may be loaded in the forward direction.



INNER ROLL STOP



INNER ROLL STOP

OPERATING THE EMERGENCY HAND PUMP

MANUAL BACKUP OPERATION (EMERGENCY HAND PUMP)

CAUTION

BEFORE OPERATING THE LIFT, READ AND UNDERSTAND THIS DECAL, <u>URGENT WARNING</u> DECAL, AND <u>OWNER'S</u> MANUAL.

DOT - PRIVATE USE LIFT

OPERATING FROM THE DEPLOYED POSITION:

- 1) LOCATE HAND PUMP HANDLE AND REMOVE FROM CLIPS.
- 2) BEFORE MOVING PLATFORM UP OR DOWN, MAKE CERTAIN WHEELCHAIR RETENTION DEVICE (HAND RAILS) ARE IN PLACE AND CLOSED. INNER ROLL STOP WILL DEPLOY AUTOMATICALLY.
- 3) TO <u>RAISE</u> PLATFORM, USE END OF HANDLE TO CLOSE VALVE AT BASE OF HAND PUMP. TURN CLOCKWISE TO CLOSE. THEN INSERT HANDLE INTO HAND PUMP AND STROKE.
- 4) TO <u>LOWER</u> PLATFORM, USE END OF HANDLE TO OPEN VALVE AT BASE OF HAND PUMP. TURN COUNTER-CLOCKWISE TO OPEN. PLATFORM WILL LOWER.

EMERGENCY HAND PUMP CANNOT BE USED TO <u>STOW / DEPLOY</u> LIFT GATE.

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P55352



RECOMMENDED HYDRAULIC OILS/LUBRICATION

HYD. OILS: This lift gate uses the vehicle hydraulic power unit as the source for fluid power.

Follow the hydraulic oil recommendations given in the vehicle instruction manual.

LUBRICATION: ROLLER CHAIN for POWER IN / OUT

Lightly brush SAE 30 oil on carbon steel chain. PLG gates manufactured after June, 2009 have stainless steel roller chain, which requires NO lubrication.

CAM ROLLERS

Four (4) located on Inner Slide. If roller studs have grease fittings, lubricate using a lithium base NLGI Grade 1 or 2 grease. Note – some Cam Rollers are

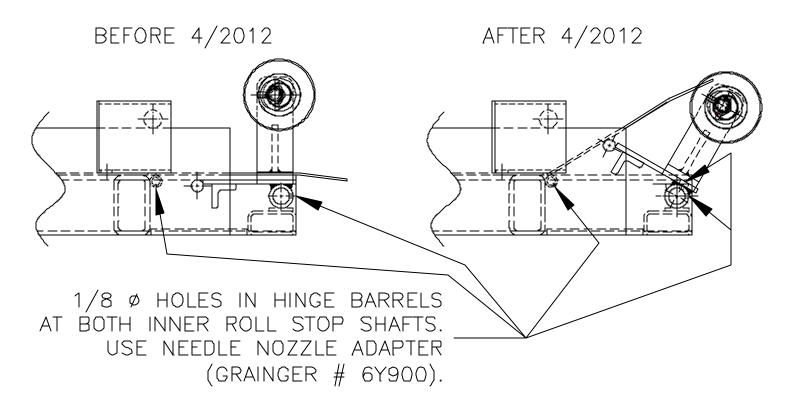
permanently greased and have no grease fitting.

LIFTING ARM PIVOT POINTS

Use a lithium base NLGI Grade 1 or 2 grease at all grease fittings.

INNER ROLL STOP SHAFTS

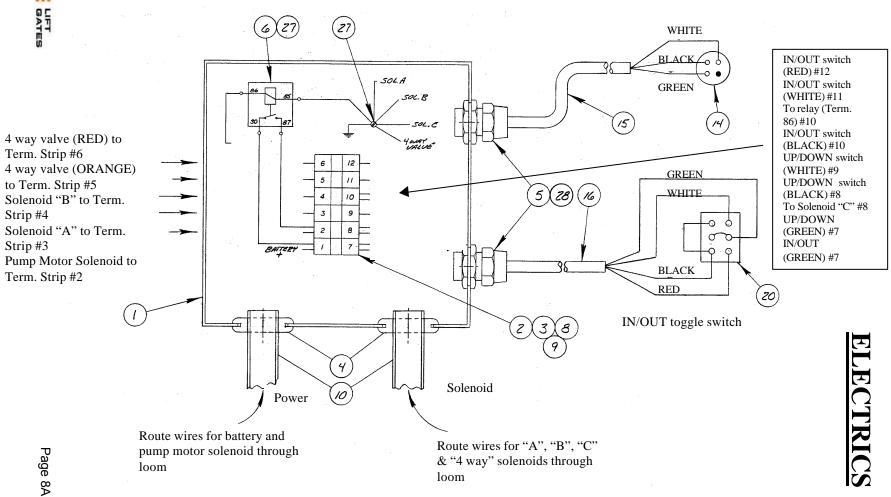
Apply an NLGI Grade 1 or 2 grease at the 1/8" lubrication holes in all Hinge Barrels for BOTH Inner Roll Stop Shafts. See sketch below for locations. Use Needle Nozzle Adapter (Grainger # 6Y900) in grease gun.



TROUBLESHOOTING CHART

| PROBLEM | | PROBABLE CAUSE | | REMEDY |
|--|----|--|----|--|
| Vehicle power unit runs, but platform will not go UP or go IN / OUT | 1. | "C" valve is not activating. | 1. | Check for power at "C" valve coil. Check for defective "C" coil. |
| Platform will not go DOWN. All other functions work. | 1. | "A" valve is not activating. | 1. | Check for power at "A" valve coil. Check for defective "A" coil. |
| Platform only goes UP/ DOWN, will not go IN / OUT | 1. | Secondary platform is not folded, so limit switch is preventing IN / OUT movement, as it should. | 1. | Fold secondary platform. |
| | 2. | "B" valve is not activating. | 2. | Check for power at "B" valve coil. Check for defective "B" coil. |
| | 3. | Limit switch between primary and secondary platform is not functioning properly. | 3. | Check for power at GREEN wire on terminal strip on box lid that goes to IN / OUT switch. |
| Platform will not go UP/ DOWN | 1. | Handrail is open or object is resting near Inner Roll Stop, preventing UP / DOWN movement, as it should. | 1. | Close handrail or remove object from Inner Roll Stop. |
| | 2. | | 2. | |
| | 3. | Inner Roll Stop photo-sensor not functioning. | 3. | |
| Oil build-up in cylinder vent line collection tank. Platform may bleed down. | 1. | One or both cylinders have an internal leak at the piston seal. | 1. | Repair or replace cylinder. |





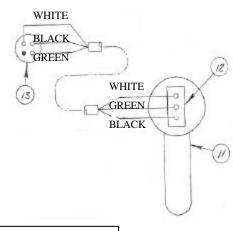
ELECTRICS

Valve Functions:

<u>Valve "A"</u>: Controls the down function. If it fails, the platform will not lower.

<u>Valve "B"</u>: Controls switching between the up/down function and the in/out function. If it fails, the platform will still go up/down but will not go in or out.

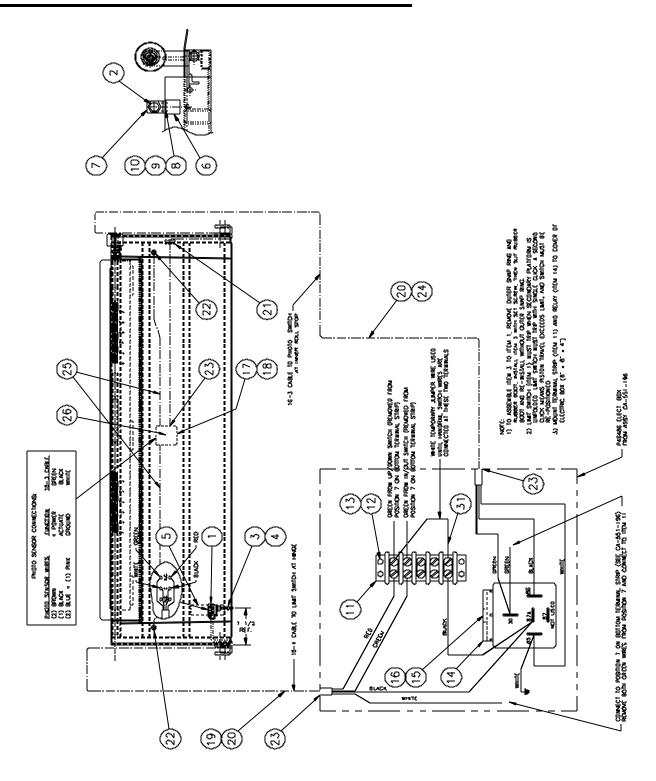
<u>Valve "C"</u>: Controls the supply pressure to all gate operations. If it fails, the valving remains in a bypass mode and all gate functions are lost except the down function if the platform is in the up position.



UP/DOWN TOGGLE SWITCH

| 27 | 2 | P17518 | Self tapping screw | | | |
|-----------|------|-------------|--------------------------|-----------|------------------------|--------------------|
| 26 | 6 | P46300 | Shrink tube | | 4" each | 24" total |
| 25 | 1 | P46214 | Orange wire | 16 ga. | 36" | |
| 24 | 1 | P46019 | Red wire | 16 ga. | 36" | |
| 23 | 4 | P46471 | Blue wire | 16 ga. | 36", 4 pcs. | |
| 22 | 1 | P46018 | White wire | 16 ga. | 36" | |
| 21 | 2 | P46017 | Black wire | 16 ga. | 36" each | |
| 20 | 1 | AA-551-327 | Toggle switch assembly | | | For in/out |
| 19 | 1 | AP-551-016 | Switch bracket | | | |
| 18 | 2 | P46444 | Fork terminal | | | |
| 17 | 7 | P46319 | Fork terminal | | | |
| 16 | 1 | P46314 | Jacketed wire | 16-4 | 15 ft. (180") | |
| 15 | 1 | P46186 | Jacketed wire | 16-3 | 21 ft. (252") | |
| 14 | 1 | P46329 | Plug conn. female | | | |
| 13 | | | Plug conn. male | | Included in item 11 | Ref. P46328 |
| 12 | | | Toggle switch | | Included in item 11 | Ref. AA-551-326 |
| 11 | 1 | AA-551-210 | Pistol grip walk around | | Includes switch & plug | Includes coil cord |
| 10 | 2 | P46485 | ½ split nylon loom | | 1 pc24", 1 pc48" loose | |
| 9 | 2 | P23504 | Lock nut | | | |
| 8 | 2 | P19501 | Screw | | | |
| 7 | 4 | P46318 | Female connect term. | | | |
| 6 | 1 | P46487 | Relay | | | |
| 5 | 2 | P46139 | Cord grip | | | |
| 4 | 2 | P25054 | Rubber grommet | | | |
| 3 | 2 | P46382 | Term. Block | | | |
| 2 | 1 | P46395 | End-Term. strip | | | |
| 1 | 1 | P46486 | Elect. Box | | 6 x 6 x 4 | |
| Index No. | Reqd | Part Number | Part Name | Material | Material Size | Remarks/Wgt. |
| | | | Assy . CA-551-196 | | Model: Med Coach | |
| | | | Leyman Manufactur | ing Corno | ration | |

INTERLOCK SWITCH WIRING

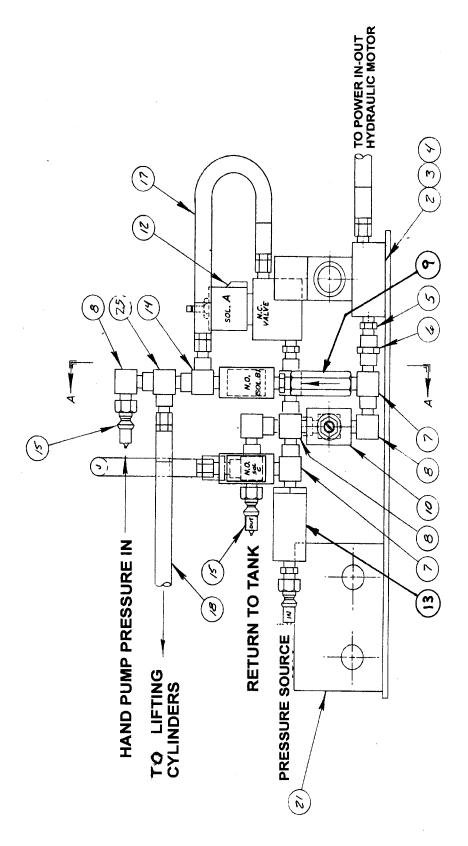




INTERLOCK SWITCH ELECTRICS

| 34 | 27 | P17518 | SELF TAPPING SCREW | | NOT SHOWN | | |
|----------|---------|------------------|------------------------|-------------|----------------------------------|--|--|
| 33 | 23 | P46251 | LOOM CLAMP 3/4 | | NOT SHOWN | | |
| 32 | 4 | P46450 | LOOM CLAMP 3/8 | | NOT SHOWN | | |
| 31 | 1 | P46018 | WIRE - 16 GA, WHITE | | 1 PC 8" - 1 PC. 12" (GRD) | | |
| 30 | 5 | P46319 | SM. FORK TERMINAL | | NOT SHOWN | | |
| 29 | 5 | P46476 | FORK TERMINAL | | NOT SHOWN | | |
| 28 | 1 | P46507 | RING TERMINAL | | NOT SHOWN | | |
| 27 | 4 | P46318 | FEMALE SPADE CONNECTOR | | 1/4" - NOT SHOWN | | |
| - | | P46156 | BUTT CONNECTOR | | 1/4 - NOI 3HOWN | | |
| 26 25 | 3 | P46496 | | | CONTRACT | | |
| | | | SPLIT LOOM 1/4" | | 60" LG. | | |
| 24 | 1 | P46186 | 16-3 SOW CABLE | | 360" LG. | | |
| 23 | 5 | P46139 | CORD GRIP | | | | |
| 22 | 2 | P25176 | GROMMET | | 7/16 ID X 15/16 OD (11/16 HOLE) | | |
| 21 | 1 | P25136 | GROMMET | | 7/8 ID X 1-5/8 OD (1-1/4 HOLE) | | |
| 20 | 1 | P46485 | SPLIT LOOM 1/2" | | (1) 360" - (1) 240" | | |
| 19 | 1 | P46314 | 16-4 SOW CABLE | | 240" LG. | | |
| 18 | 1 | P46030 | JUNCTION BOX COVER | | | | |
| 17 | 1 | P46029 | JUNCTION BOX 4" | | | | |
| 16 | 1 | P23504 | LOCK NUT | | 10-24 | | |
| 15 | 1 | P19501 | RND HD SCREW | | 10-24 X 1/2 | | |
| 14 | 1 | P46487 | RELAY | | | | |
| 1.3 | 2 | P23535 | LOCK NUT | | 6-32 | | |
| 12 | 2 | P19519 | RND HD SCREW | | 6-32 X 3/4 | | |
| 11 | 1 | P46474 | TERMINAL STRIP | | | | |
| 10 | 4 | P23504 | LOCK NUT | | 10-24 | | |
| 9 | 4 | P26007 | FLAT WASHER | | 1/4 | | |
| 8 | 4 | P18519 | FLAT HD SCR. | | 10-24 X 1 | | |
| 7 | 2 | AP-999-137 | HOOK MTG. PLATE | | | | |
| 6 | 2 | S559-001.500 | ANGLE BASE | ST ANGLE | 1-1/2 X 1-1/2 X 3/16 X 1-1/2 | | |
| 5 | 1 | 5008-006.375 | MOUNTING PLATE | HR FLAT | 1/8 X 2 X 6-3/8 LG. | | |
| 4 | 1 | P14518 | SET SCREW HEX SOC. | | 8-32 X 1/8 LC. | | |
| 3 | 1 | AP-551-393 | EXTENSION TUBE | | | | |
| 2 | 1 | P46626 | PHOTOELECTRIC SWITCH | | INCLUDES BOTH EMITTER & RECEIVER | | |
| 1 | 1 | P46625 | LIMIT SWITCH - DPDT | | | | |
| INDEX | REQD. | PART NO. | PART NAME | MATL. | MATERIAL SIZE REMARKS WGT. | | |
| ING. | | | EYMAN MANUFACTURI | NG COR | | | |
| | LERAI | (2.2 20.4) (4) | RJM PART NAME | | MODEL PLG1000 MED CDACH | | |
| DC | C)MAL 2 | 005 12 | /3/04 | \triangle | ASSY. | | |
| | OLE + (| | INTERL | | | | |
| | ZZ OT⊢G | RMIZE | SWITCH EI | _ECTF | RICS CA-551-392 | | |
| - | NOTED | AP PR. | | | | | |
| | | APPR. | TOTAL WEIGHT | SCAL | E NONE SH. OF | | |
| | | | l . | | | | |







| 25 | 1 | P33199 | TEE F-M-F | | | |
|-------|------|----------------|-------------------------|----------|--------------------|---------------------|
| 24 | 3 | AT-501-101-012 | Hydraulic line assembly | | 12 ft. | |
| 23 | 8 | P46156 | Butt Connector | | | |
| 22 | 1 | BA-501-158 | Hand pump assembly | | | Loose |
| 21 | 1 | CA-551-196 | Electrics | | | |
| 20 | 1 | P33006 | Street elbow | | | |
| 19 | 1 | AT-501-101-021 | Hydraulic line assembly | | 21 ft. | |
| 18 | 1 | AT-501-101-015 | Hydraulic line assembly | | 15 ft. | |
| 17 | 3 | AT-501-100-018 | Hydraulic line assembly | | 18 in. | |
| 16 | 5 | P33169 | Quick disconnect socket | | | On end of hoses |
| 15 | 4 | P33168 | Quick disconnect plug | | | 1 loose |
| 14 | 5 | P33216 | Street tee | | | |
| 13 | 1 | P33616 | Inline filter | | | |
| 12 | 1 | P33650 | Drain valve N.C. | | | |
| 11 | 2 | P33719 | Drain valve N.O. | | | |
| 10 | 1 | P33147 | Relief valve | | | |
| 9 | 1 | P33506 | Check valve | | | |
| 8 | 4 | P33217 | Male elbow | | | |
| 7 | 2 | P33199 | Male street tee | | | |
| 6 | 1 | P33190 | Coupler | | | |
| 5 | 4 | P33064 | Nipple | | | |
| 4 | 1 | P33207 | Bolt kit | | | |
| 3 | 1 | P33206 | Valve sub plate | | | |
| 2 | 1 | P33205 | 4 way valve | | | |
| 1 | 1 | BP-501-229 | Mtg. plate | | | |
| Index | Reqd | Part number | Part name | Material | Material size | Engineering remarks |
| No. | | | | | Part name | Model: MED COACH |
| | | | | | Power unit | Assembly |
| | | | | | | Sub. Assembly |
| | | | | | Scale: Approx. 1/2 | Dwg. DA-501-221 |
| | | | LEYMAN MANUFACTUR | ING COR | PORATION | |

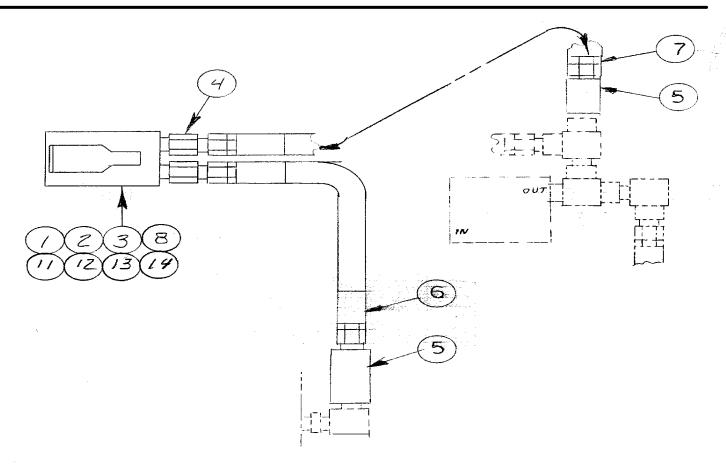


POWER UNIT After 4-1-16

| 25 | 1 | P33199 | TEE F-M-F | | | |
|-------|------|----------------|-------------------------|----------|--------------------|---------------------|
| 24 | 3 | AT-501-101-012 | Hydraulic line assembly | | 12 ft. | |
| 23 | 8 | P46156 | Butt Connector | | | |
| 22 | 1 | BA-501-158 | Hand pump assembly | | | Loose |
| 21 | 1 | CA-551-196 | Electrics | | | |
| 20 | 1 | P33006 | Street elbow | | | |
| 19 | 1 | | Hydraulic line assembly | | 96 in. | |
| 18 | 1 | AT-501-100-036 | Hydraulic line assembly | | 36 in. | |
| 17 | 3 | AT-501-100-018 | Hydraulic line assembly | | 18 in. | |
| 16 | 5 | P33169 | Quick disconnect socket | | | On end of hoses |
| 15 | 4 | P33168 | Quick disconnect plug | | | 1 loose |
| 14 | 5 | P33216 | Street tee | | | |
| 13 | 1 | P33616 | Inline filter | | | |
| 12 | 1 | P33650 | Drain valve N.C. | | | |
| 11 | 2 | P33719 | Drain valve N.O. | | | |
| 10 | 1 | P33147 | Relief valve | | | |
| 9 | 1 | P33506 | Check valve | | | |
| 8 | 4 | P33217 | Male elbow | | | |
| 7 | 2 | P33199 | Male street tee | | | |
| 6 | 1 | P33190 | Coupler | | | |
| 5 | 4 | P33064 | Nipple | | | |
| 4 | 1 | P33207 | Bolt kit | | | |
| 3 | 1 | P33206 | Valve sub plate | | | |
| 2 | 1 | P33205 | 4 way valve | | | |
| 1 | 1 | BP-501-229 | Mtg. plate | | | |
| Index | Reqd | Part number | Part name | Material | Material size | Engineering remarks |
| No. | | | | | Part name | Model: MED COACH |
| | | | | | Power unit | Assembly |
| | | | | | | Sub. Assembly |
| | | | | | Scale: Approx. 1/2 | Dwg. DA-501-221 |



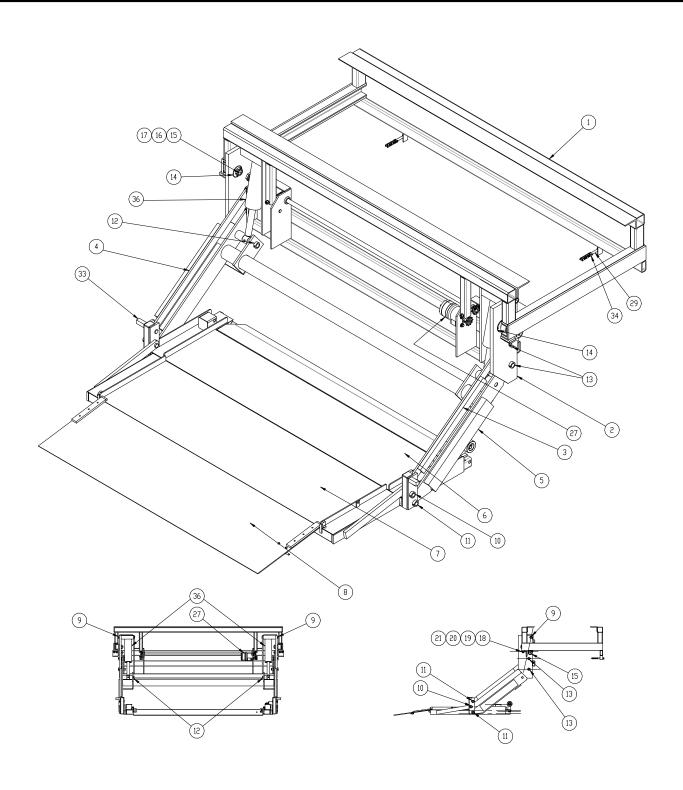
EMERGENCY HAND PUMP



| 14 | 2 | P23502 | Nut | | 1/4 - 20 | | |
|-----------------------------|------|----------------|---------------------|------------|---------------|---------|-------------------------|
| 13 | 2 | P26007 | Flat Washer | | 1/4 | | |
| 12 | 2 | P15540 | Soc Head Cap Scr | | | | |
| 11 | 1 | AP-501-267 | Mtg. bracket | | | | |
| 10 | 4 | P46250 | Loom clamp | | | | |
| 9 | 4 | P17518 | Self tapping screw | | | | |
| 8 | 2 | P23510 | Nut | | 5/16 - 18 | | |
| 7 | 2 | AT-501-100-060 | Hyd. Line Assembly | | Before 4-1-16 | | |
| 7 | 2 | AT-501-101-018 | Hyd. Line Assembly | | After 4-1-16 | | |
| 5 | 2 | P33169 | Quick disconnect | | Socket | | |
| 4 | 2 | P33101 | Adapter | | | | |
| 3 | 2 | P26506 | Flat Washer | | 5/16 | | |
| 2 | 2 | P10040 | Bolt | | 5/16 x 1 | | |
| 1 | 1 | P33902 | Hand Pump | | | | |
| Index No. | Reqd | Part No. | Part Name | Material | Material Size | Remarks | Wgt. |
| | | Ley | man Manufacturing (| Corporatio | n | | |
| Part Name: Hand Pump Kit | | | | | | | Assembly: BA-501-158 |



REPLACEMENT PARTS





REPLACEMENT PARTS

| Item No | QTY | Part Number | Part Name | Remarks |
|---------|-----|----------------|--------------------------|--------------------------|
| 1 | 1 | A5102-4C | OUTER SLIDE ASSEMBLY | TO THE THE |
| 2 | 1 | A5102-3C | INNER SLIDE ASSEMBLY | |
| 3 | 1 | 5100-0B1 | TENSION ARM RH | |
| 4 | 1 | 5100-0B2 | TENSION ARM LH | |
| 5 | 1 | A5102-2C | COMPRESSION ARM ASSEMBLY | |
| 6 | 1 | CA-707-152 | PLATFORM ASSEMBLY | |
| 7 | 1 | DA-707-153 | RAMP ASSEMBLY | |
| 8 | 1 | BA-707-159 | RETENSION RAMP ASSEMBLY | |
| 9 | 2 | Q5001-0A8 | PIVOT PIN | CYLINDER BASE END |
| 10 | 2 | Q5001-0A14 | PIVOT PIN | RAMP TO PLATFORM |
| 11 | 4 | Q5001-0A3 | PIVOT PIN | ARMS TO PLATFORM |
| 12 | 2 | Q5001-0A6 | PIVOT PIN | CYLINDER ROD END |
| 13 | 4 | Q5001-0A18 | PIVOT PIN | ARMS TO INNER SLIDE |
| 14 | 2 | BP-707-125 | ROLLER ADJUSTMENT CAM | |
| 15 | 4 | P37544 | CAM ROLLER | |
| 16 | 4 | P23523 | LOCK NUT | 1-1/4 – 12 THIN COLLAR |
| 17 | 4 | P32012 | GREASE FITTING | |
| 18 | 2 | A5002-2A | FRONT STOP | ST ANGLE 3 X 3 X 3/8 X 3 |
| 19 | 2 | F5002-2A | SPACER | HR FLAT ½ X 2 X 3 |
| 20 | 4 | P10505 | BOLT | 1/2-13 X 1 |
| 21 | 5 | P26014 | LOCK WASHER | 1/2 |
| 22 | 1 | A5008-3A | IDLER SPROCKET | |
| 23 | 5 | P26501 | FLAT WASHER | 3/8 |
| 24 | 5 | P11021 | BOLT | 3/8-16 X 1 |
| 25 | 3 | P25157 | SPROCKET | |
| 26 | 2 | P47514 | ROLL PIN | 1/4 X 1-1/2 (SPROCKETS) |
| 27 | 1 | P33625 | HYDRAULIC MOTOR | |
| 28 | 4 | P26017 | LOCK WASHER | 3/8 |
| 29 | 4 | C5102-33A | CHAIN MOUNT | |
| 30 | 4 | P23544 | HEX NUT | 1/2-13 |
| 31 | 4 | P27033 | LOCK WASHER | 1/2 |
| 32 | 4 | P23533 | HEX JAM NUT | 1/2-13 |
| 33 | 2 | S319-005.500 | STOP | 1" SQ X 2-1/2 |
| 34 | 4 | P38555 | CONNECTOR LINK | |
| 35 | 2 | P38554 | #50 SS ROLLER CHAIN | 2 PCS – 51-1/2 EACH |
| 36 | 2 | P33678 | HYDRAULIC CYLINDER | |
| 37 | 2 | P33718 | FLOW CONTROL | 1.0 GPM |
| 38 | 2 | AT-501-100-060 | HYDRAULIC LINE ASSEMBLY | |
| 39 | 2 | P38515 | STORAGE CHAIN | 3/8 X 9 LINKS |



PREVENTATIVE MAINTENANCE SCHEDULE

MAINTENANCE by MONTHS MODEL PLG1000

| LOCATION: | | | | | | | |
|---------------|--|--|--|--|--|--|--|
| VEHICLE #: | GATE MODEL #: GATE SERIAL #: | | | | | | |
| v = OK | A = ADJUSTED N = NOT APLICABLE X = REPAIR | | | | | | |
| 3 MONTHS | VALVES / CABLES / CONTROLS | | | | | | |
| | Check batteries for corroded, loose, or broken connections | | | | | | |
| | Check batteries for proper voltage level and charging | | | | | | |
| | Check all wiring at switches and valve board for corroded, loose, or broken connections | | | | | | |
| | Check solenoid valves for proper operation | | | | | | |
| | Check reservoir for proper oil level. Power unit used for several trailer functions. | | | | | | |
| | Inspect circuit breakers and fuses for proper operation | | | | | | |
| | Check charge line / power line for corroded, loose or broken connections at both ends | | | | | | |
| | Check amp draw of motor with batteries fully charged batteries and tight clean connections | | | | | | |
| | Check all ground wires for corroded, loose, or broken connections | | | | | | |
| | Check vent line over-flow tank. Excessive oil means a piston seal problem. | | | | | | |
| | STRUCTURE COMPONENTS | | | | | | |
| | Check for proper operation of gate UP/ DOWN, power IN and OUT. | | | | | | |
| | Check platform and lifting gear for any impact damage | | | | | | |
| | Check cylinders and hydraulics line for leaks, abrasions, cuts, or broken lines and fittings | | | | | | |
| | Check all cylinder pins for loose, broken, or missing roll pins | | | | | | |
| | Check all pivot pins for loose, broken, or missing roll pins | | | | | | |
| | Steam / pressure wash all components as needed | | | | | | |
| | Check proper operation of Inner Roll Stop, Retention Ramp, and all safety interlocks. | | | | | | |
| | | | | | | | |
| | LUBRICATION | | | | | | |
| | Lightly oil IN / OUT chain. Since June, 2009 the chain is stainless steel and needs no lube. | | | | | | |
| | Grease Cam Roller on Inner Slide, if grease fittings are present. | | | | | | |
| | Grease all lifting arm pivot points. | | | | | | |
| | Grease BOTH Inner Roller Stop shafts at the holes in the hinge barrels. | | | | | | |
| 12 MONTHS | PERIOICAL CHECK LIST | | | | | | |
| 12 1410141113 | Check pivot point bushings for wear or damage | | | | | | |
| 24 MONTHS | | | | | | | |
| 21 | Flush hydraulic system and change hydraulic oil | | | | | | |
| | Clean and repaint as necessary | | | | | | |
| Service d Bv | | | | | | | |

LEYMAN E LIFT GATES

CUSTOMER:

INSTALLATION OF SAFETY DECALS

| DECAL LOCATION | DECAL NUMBER | DESCRIPTION |
|-----------------------------------|--------------------------------------|--|
| Near UP / DOWN switch storage box | P55157 P55350 P55294 P55302 | Safety Decal 4-1/2" x 4-7/8" Operating Instructions Safety Decal 7" x 7" Max. Capacity Decal 1000 lbs. |
| On UP / DOWN switch pistol grip | P55353 | UP / DOWN Decal |
| On STOW / DEPLOY toggle switch | P55351 | STOW / DEPLOY Decal |
| Near Lift Gate power switch | P55157 | Safety Decal 4-1/2" x 4-7/8" |
| Just below door threshold | P55138 | Safety Decal 2" x 26" horizontal |
| Near hand pump | P55352 | Hand Pump Operating Instructions |



| NOTES | | | |
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