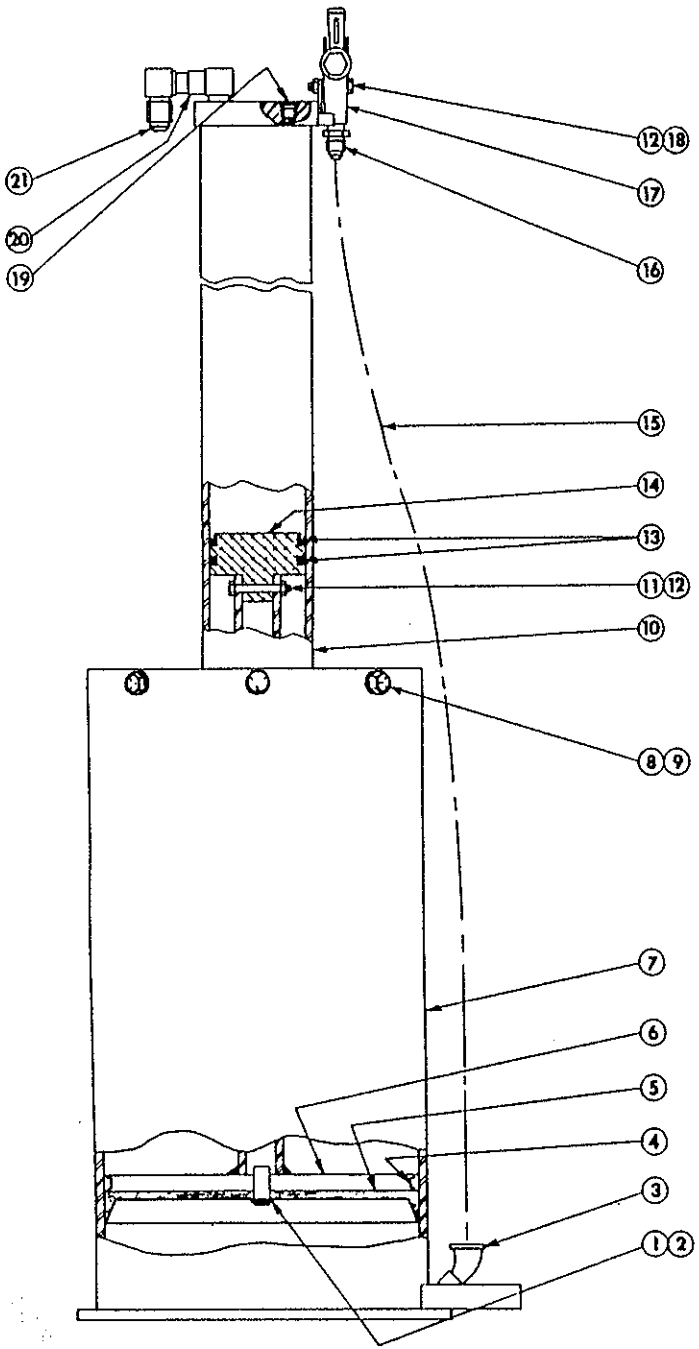
MODEL QL-60
QUICKLIFT

Power Module

SERIAL NUMBER 40-108000 & Below



ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	1-204-01401	Washer, Flat, 1/2 x 18 GA
2	1	1-230-11000	Retaining Ring, 1/2, External
3	1	0-275-11002	Elbow, 1/4 x 45" Street
4	1	1-390-15004	Wiper Ring,
5	1	2-391-0500X5	Packing, Molded, 10" Dia. Bore
6	1	2-310-20020	Piston Rod Weldment
7	1	3-840-02001	Cylinder Weldment
8	6	0-200-31306	Capscrew, 7/16-14 UNC, 1" LG
9	6	1-204-21301	Lockwasher, 7/16"
10	1	2-353-41029	Cylinder Weldment, Hyd.
11	1	0-200-31009	Capscrew, 1/4 -20 UNC, 1 3/4 LG
12	2	1-203-01005	Nut, Hex, 1/4 -20 UNC, Self-Locking
13	2	1-390-11016	Seal, 3" O.D. x 2 5/8 I.D. x 3/16 Deep
14	1	1-353-44013	Piston, 3" Dia.
15	1	1-271-24004	Hose Assy, Single Wire Reinforced 3/8 Nom. Dia.
16	1	1-274-14001	Adapter, Straight, 3/8 JIC x 1/4 NPT
17	1	2-312-01007	Valve, Air, 3-Way, Winged Handle
18	1	0-200-31008	Capscrew, 1/4 -20 UNC, 1 1/2 Long
19	1	1-274-34001	Plug, W/"O" Ring
20	1	1-274-04001	Adapter, 90°
21	1	1-274-04002	Adapter, 90°

QL-60+ / 60 / 6000 TROUBLE SHOOTING

PROBLEM: WILL NOT LIFT TO FULL HEIGHT

Possible Solution:

-Check the air intensifier for proper fluid level. The filling procedures are as follow:

Use a 3/8" wooden dowel rod and mark it at 20-1/4 inches. With the lift in the down position and the air hose disconnected place the dowel rod into the fill hole and hold the air valve in the down position. Now push the dowel rod down until the 20-1/4 inch mark is level with the top of the fill hole and fill with ***hydraulic oil*** if needed. (hold air valve open)

-Check for air leaks in the cylinder and valve. Repair any leaks.

PROBLEM: LIFT SLOWLY LEAKS DOWN

Possible Solution:

-Charge the air intensifier with air to check for air leaks . Apply soapy water on the air valve and around the larger cylinder to detect for any air leaks. For the larger cylinder you can sometimes here or feel any air leaks.

PROBLEM: LIFT WILL NOT RISE

Possible Solution:

-Charge the air intensifier with air to check for air leaks . Apply soapy water on the air valve and around the larger cylinder to detect for any air leaks. For the larger cylinder you can sometimes here or feel any air leaks.

PROBLEM: OIL IS BLOWING OUT OF THE AIR VALVE ON THE AIR INTENSIFIER WHEN THE AIR IS BEING EXHAUSTED

Possible Solution:

-Seals on the oil side of the air intensifier (smaller cylinder) are needing to be replaced.

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Hydraulic fluid level checking & filling procedure
QL-60

1. Make sure lift is fully lowered and all of the air is exhausted from the power module. Disconnect the air supply from the power module.

2. Clean the top of the power module carefully. Be certain to remove all dirt, grit and moisture. Remove the hex pipe plug from the top of the power module.

3. To check fluid level, use a 3/8 diameter wooden dowel 30 inches long with a mark placed 20 ¼ inches from one end. Insert the dowel through the hole in the top of the power module. If the power module is fully lowered, the mark will be approximately flush with the surface of the power module head. If it is not approximately flush, press downward on the dowel while another person holds the air valve open. The power module should lower slowly with a ten to fifteen lb. force. When the dowel mark has been lined up approximately with the top of the power module head, remove the dowel and pour in hydraulic fluid, Mobil DTE 13 or equivalent, until the power module is completely full. For service in temperatures of –10 degrees F to –40 F, use MIL F-1711 hydraulic fluid. **Do not use** water based hydraulic fluid, brake fluid, automatic transmission fluid, or fluids containing phosphate.

4. Reinstall and secure the fill plug using pipe compound on the threads. Wipe up any spilled oil. Connect to air supply and test the lift for normal operation.