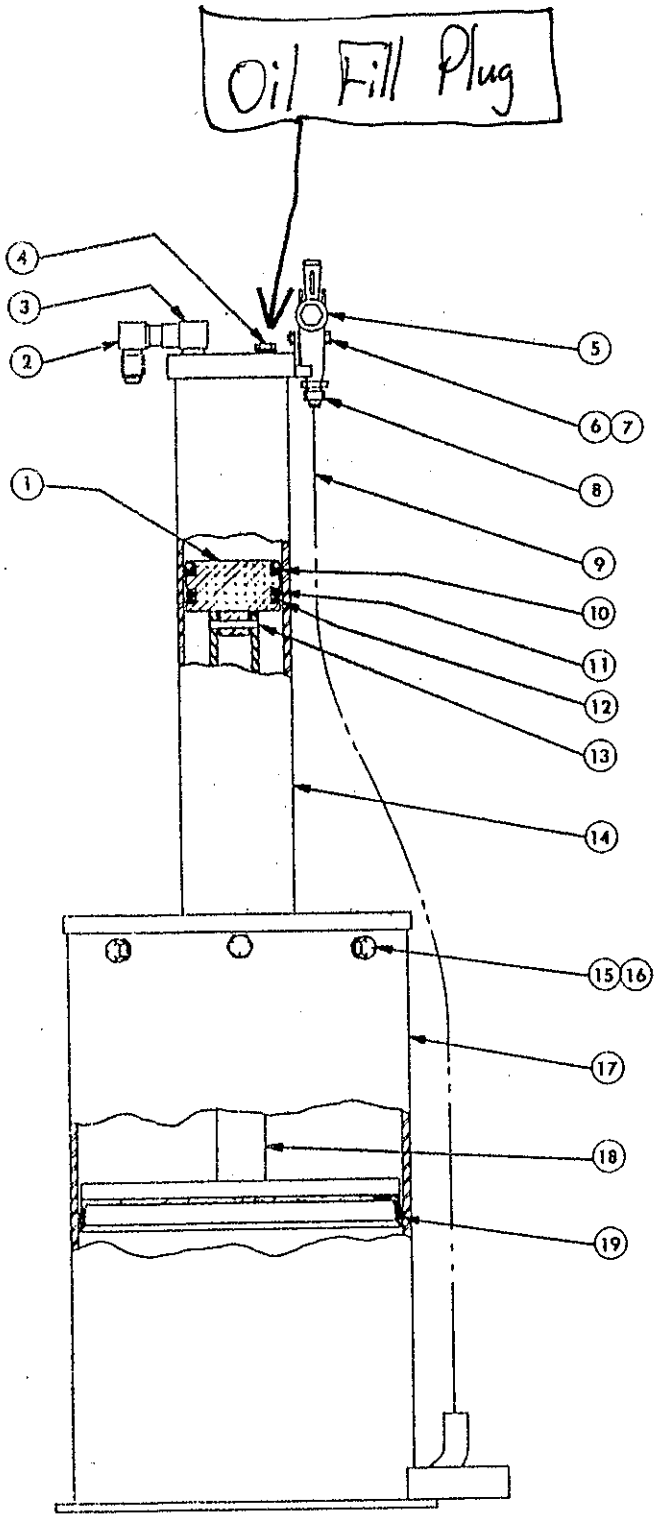
MODEL QL-60
QUICKLIFT

Power Module

SERIAL NUMBER 40-108001
up to 40-108290



ITEM	QTY	PART NO.	DESCRIPTION
1.	1	2-353-44013	Piston, 3" Dia.
2.	1	1-274-04002	Adapter, ext. pipe/37 degree flare
3.	1	1-274-04001	Adapter, ext. pipe/int. pipe
4.	1	0-275-21008	Pipe plug, 1/4-18 NPT
5.	1	2-312-01007	Air valve
6.	1	1-203-01005	Hex nut, 1/4-20 unc
7.	1	0-200-31008	Capscrew, 1/4-20 unc, 1 1/2" long
8.	1	1-274-14001	Adapter, 3/8 JIC x 1/4 NPT
9.	1	1-271-24004	Hose assembly
10.	1	1-390-11016	Seal
11.	1	1-390-02005	O-ring
12.	1	1-390-11086	Backup ring
13.	1	0-235-21002	Roll pin, 1/4 dia. x 1 1/2" long
14.	1	2-353-41038	Hydraulic cylinder weldment
15.	6	0-200-31306	Capscrew, 7/16-14 unc, 1" long
16.	6	1-204-21301	Lock washer
17.	1	2-840-02014	Air cylinder weldment
18.	1	1-310-45027	Piston rod weldment
	1	1-391-05008	Packing 10" dia.

QL-60+ / 60 / 6000 TROUBLE SHOOTING

PROBLEM: WILL NOT LIFT TO FULL HEIGHT

Possible Solutions:

- Check the air intensifier for proper fluid level. Follow fluid checking procedures.
- 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 hear 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 hear 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.