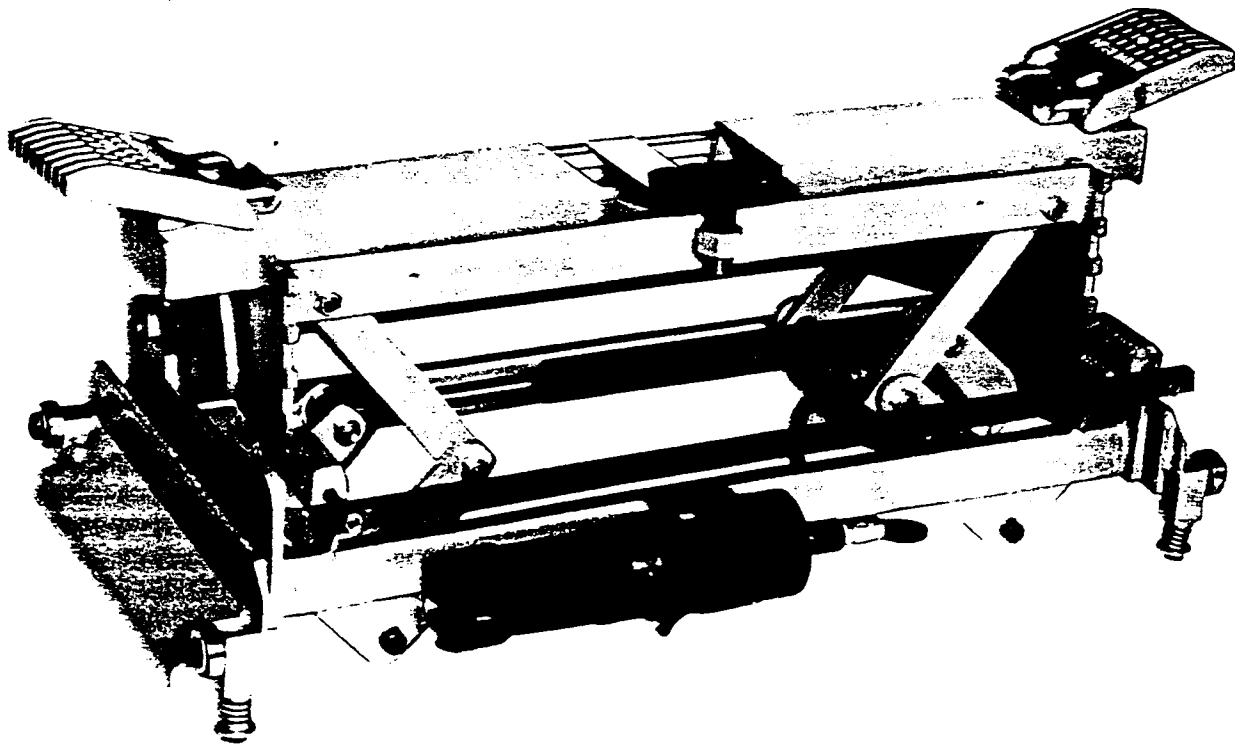




Automotive Service Equipment Division

## MODEL 49 INSTALLATION/PARTS BREAKDOWN

### AIR/HYDRAULIC "WHEEL FREE" JACKING BEAM 6000 LBS. CAPACITY



Our Jacking Beam is of the very highest quality and is designed to work in conjunction with most above ground vehicle lifts and racks in order to lift the wheels free of the ramps for independent service.

"FOR REFERENCE ONLY"

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# THIS LIFT IS INTENDED FOR MAXIMUM LOAD OF 6000 LBS.

## INSTALLATION INSTRUCTIONS:

Install the Air/Hydraulic Lift on the ramp, make sure it travels freely in both directions without obstruction. Lubricate the track, so that the rollers ride freely. Attach the air line to the receptacle **E**. For proper operation and service an automatic air line lubricator as well as water separator must be installed on the air supply line. The air pressure shall reach 101 psi (7 bar) maximum pressure 150 psi (10.34 bar).

## OPERATING INSTRUCTIONS:

1. Push the operating lever **B** on the pump allowing the lift to operate.
  2. When the lift has reached the desired position, let the operating lever **B** go.
  3. Open the lowering valve by raising lever **B** and allow the locks to engage the safety Rack **D**.
- CAUTION: NEVER WORK WITH THE LOAD SUSPENDED BY THE HYDRAULICS.**
4. To lower raise the Lift enough to release the safety Rack **D**. Grasp release handle **C**, and pull it outwards. Then lift up on **B** to lower.

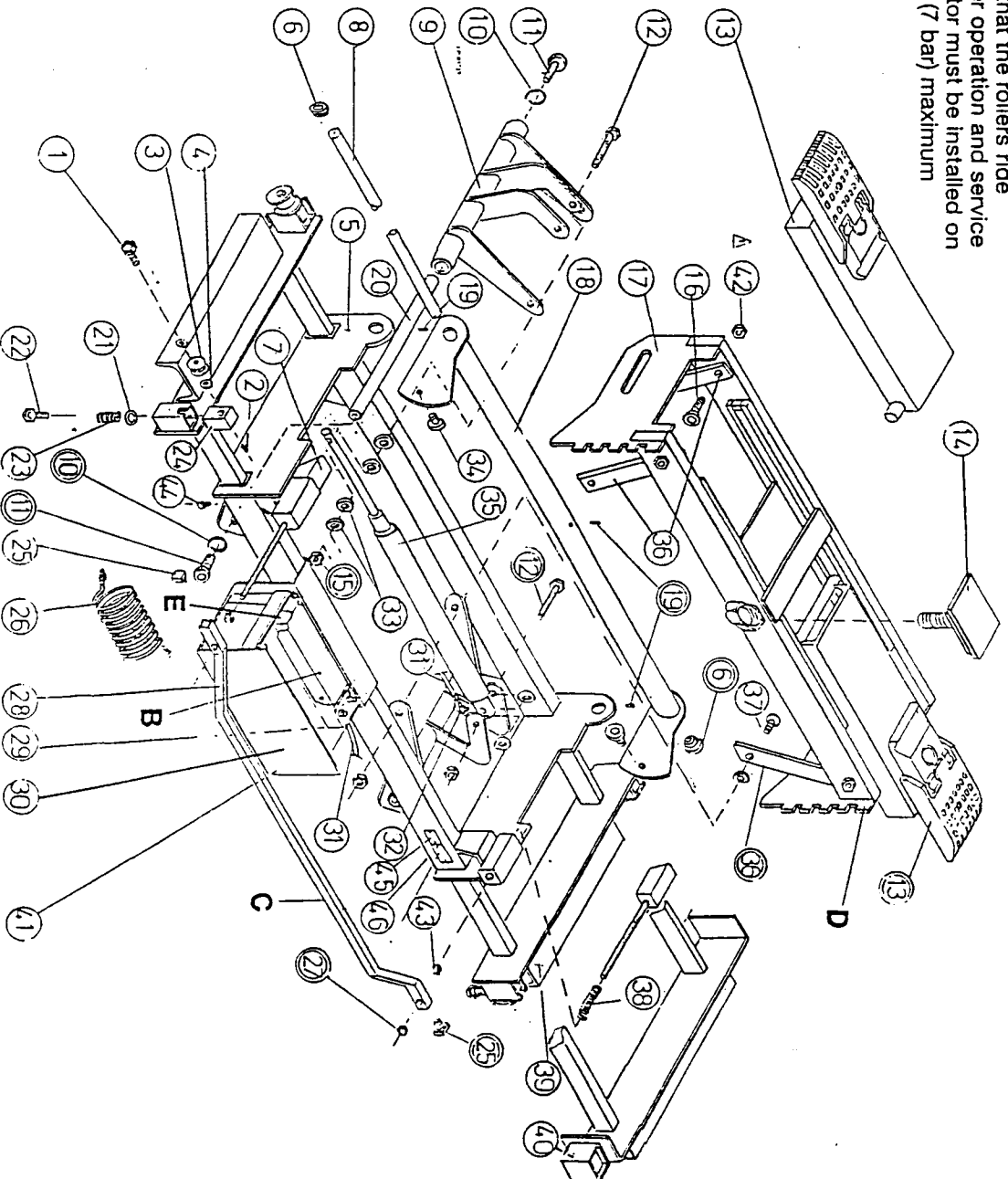
## MAINTENANCE INSTRUCTIONS:

The oil in the Hydraulic system should be changed once a year at normal use. The oil used is "Dextron II" or its equivalent.

Do not use engine or diesel oils. Lubricate the safety rack mechanism and the tracks each month using good quality lubricating oil.

## NOTE:

Warranty is void on the Air/Hydraulic Pump and Cylinder if the air supply does not have water separator and lubricator.



NOTE: ITEM 39 OF 600 JACK REPLACED BY EM 40 FOR 640. THE AFFIXED END OR ADJUSTABLE END IS AVAILABLE UPON CUSTOMER DEMAND.

DUE TO VARIETY OF JACK "END MOUNTINGS" YOUR JACK MAY NOT BE EXACTLY AS DEPICTED.

<u>Sym</u>	<u>Qty</u>	<u>Hydra PartNo.</u>	<u>Bean Part No.</u>	<u>Description</u>
1	4	61998	1100022	3/8-24 x 2" UNC HEX. BOLT
2	4	61999	1103490	3/8-24 UNF SET SCREW
3	4	61981	44371	ROLLER ASSY.
4	8	48341		3/8 FLAT WASHER
5	1	61900		MAIN FRAME WELD
6	2	61390	44363	BUSHING
7	2	61670		SAFETY LOCK WELD
8	1	61370		TORSION BAR SHAFT
9	2	61500		KNUCKLE
10	4	29506		1/2 LOCK WASHER
11	4	61175	44342	1/2-13 UNC SOCKET HEAD BOLT
12	2	61785	1100057	1/2-13 UNC HEX BOLT
13	2	61200		FLIP UP PAD WELD.
14	1	61100		CENTER PAD WELD.
15	6	61475	44344	1/2-13 UNC NYLOCK NUT
			or 1120242	
16	4	58061		1/2-13 UNC HEX SOCKET BOLT
17	1	61300		SAFETY RACK WELD.
18	1	61400	44364	TORSION BAR WELD.
19	3	61360		1/4-20 UNC SET SCREW
20	2	61795		KNUCKLE SHAFT
21	4	28349		5/8 SAE FLAT WASHER
22	4	61995	1100087	5/8-11 UNC HEX BOLT
23	4	61960	44369	WHEEL SPRING
24	4	61971		WHEEL MOUNT
25	2	61996	44372	INSERT PLUG
26	1	61800	44320	COIL AIR HOSE
27	2	61685	44347	3/8-24 UNF. NYLOCK NUT
28	1	61690		SAFETY RELEASE HANDLE
29	1	61780	44368	AIR HYDRAULIC PUMP ASSY.
30	2	61770	44350	3/8-16 UNC SOCKET HEAD SCREW
31	1	61750	44349	1/4 HYDRAULIC HOSE
32	1	61695	44348	FITTING
33	4	58201		1/2 FLAT WASHER
34	2	61380	1112319	1/2-13 UNC SOCKET HEAD SCREW
35	1	61700	44367	CYLINDER ASSY.
36	4	61350		EXTENDER ARM
37	4	61450	44343	1/2-13 UNC HEX SOCKET HD. BOLT
			or 1101838	
38	2	61675	44366	SAFETY LOCK SPRING
39	2	61950		EXTENDABLE FRAME #600
40	2	61955		EXTENDABLE FRAME #640
41	1	61681		PUMP MOUNTING BRACKET
42	4	61476	44365	1/2"-13 UNC STOVER NUT
			or 44345	
43	2	61680	44346	3/8 UNF HEX NUT
44	4	27810	44351	1/4-20 UNC BOLT
45	1	ALI-1		ALI CERTIFICATION LABEL
46	1	28242		SERIAL # PLATE
47	4	28250		PLATE DRIVE SCREWS

## FEATURES

- Automatic "Multi Level" latching system provides safety at all heights. No worries about leaving a vehicle on it overnight.
- Compact Design in down position means no obstructions to work area.
- Excellent maneuverability – easily rolls when and where you want it!
- Full serviceability on all moving parts.
- The lift is equipped with an adjustable yoke and lifting saddles making it possible to place it in the closest convenient position.
- The lift chassis is adjustable for widths between ramps therefore adaptable to most manufacturers' ramps (specify ramp make for proper jack ends).

## SPECIFICATIONS

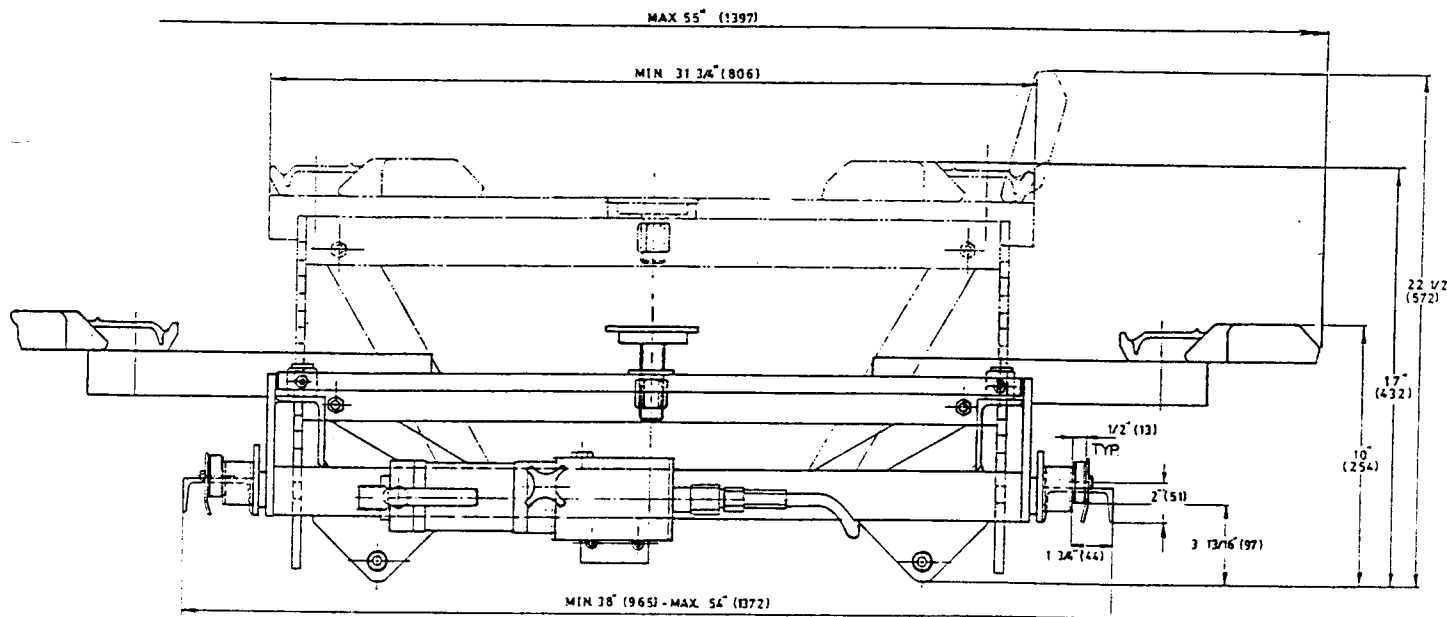
Lifting capacity 6000 lbs (@ max. 150 psi)

Min. height above ramp: 87 mm (3 7/16")

Max. height above ramp: 265 mm (10 7/16")

The chassis is adjustable between 900 mm (38" and 1372 mm (54")

Other measurements: See sketch below



# FMC

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In line with our policy of continuous research and development, alterations in design, dimensions and appearance are incorporated from time to time in order to insure important developments are included at the earliest opportunity. Therefore we reserve the right to alter design, dimensions, etc., without notice.