OWNER'S MANUAL

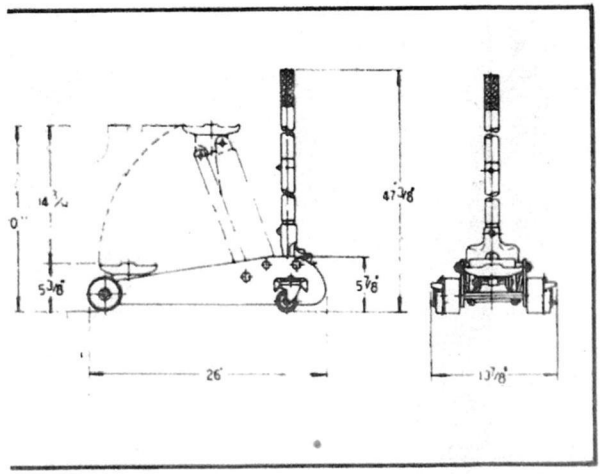
$2\frac{1}{4}$ TON HYDRAULIC FLOOR JACK

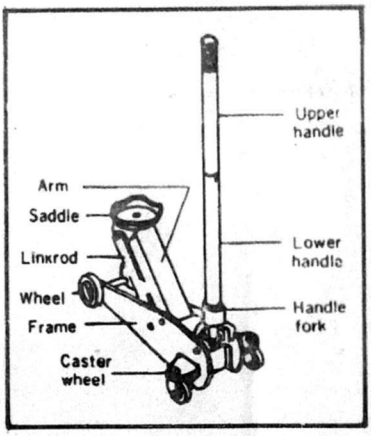
Model 47-1AJC1

cification

Safety Rules

pacity	$2\frac{1}{4}$	(TON)
inimum Saddle Height	$5\frac{3}{8}$″	(13.6cm)
aximum Saddle Height	20″	(50.8cm)
ydraulic Lift	$14\frac{3}{8}$	(36.5cm)
erall Length	26″	(66cm)
erall Height	$47\frac{3}{8}$″	(120.3cm)
erall Width	$13\frac{7}{8}$″	(35.2cm)
ame Height	$5\frac{7}{8}$″	(15cm)
ndle Length	$39\frac{7}{8}$″	(101.3cm)
eight of Jack	82lbs	(37kg)





1. DO NOT use engine oil or hydraulic brake fluid when refilling tank(about once each year). **Use only hydraulic jack oil.**

2. Before jacking up car, check car manual for information where to place jack. This jack is designed for jacking under axles or approved jacking points only.

3. DO NOT attempt to exceed the jacking capacity of $2\frac{1}{4}$ tons.

4. Always use jack on a solid hard surface that is horizontal to prevent rolling.

5. After jacking up car. always place safety stands under the axles before starting repairs.

6. Place chocks under wheels on both sides to prevnt rolling.

7. Always use safety stands in pairs and check them to ensure they are not cracked, corroded, or damaged.

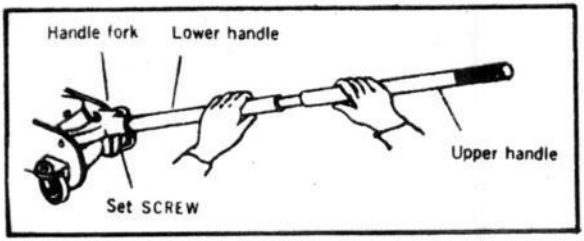
8. DO NOT work under car when car wheels are removed.

9. Keep bystanders away from the car and from the jack.

Jack Handle

1.Connect the two–piece handle by lining up the holes and fasten the assembly pin.

2.Insert handle into handle fork, and tighten the handle set screw.



Your hydraulic garge jack uses hydrauli to raise the arm and saddle.

Hydraulic oil is contained in the tank w part of the jack, and when the jack ha worked the oil is forced through a valve cylinder. The piston inside the cylinder pushes the rod which operates the arm.

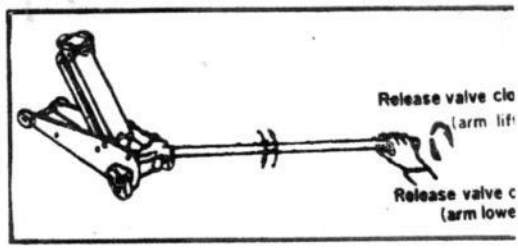
By opening the valve, the oil again reent tank, thus lowering the arm and saddle.

The operation of the jack is explai the following instructions.

To Lift

Twist the handle toward the right(clock wise)as far as turn. The jack is now ready for opertion.

Position the jack correctly under the appropriate place, a gin lifting by pumping the handle up and down. Be sur wheels are on a solid and level surface.

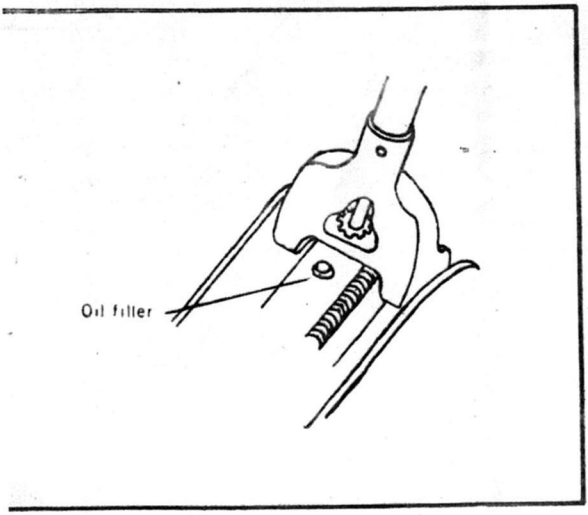


Safety Stands

After lifting up the car to desired heigl sure to place safety stands under the lift les. Lower the car onto the safety stan slowly turning the handle toward th (counter clock wise)to lower the car. NOT get under the car when it is supp by the jack.

To Lower

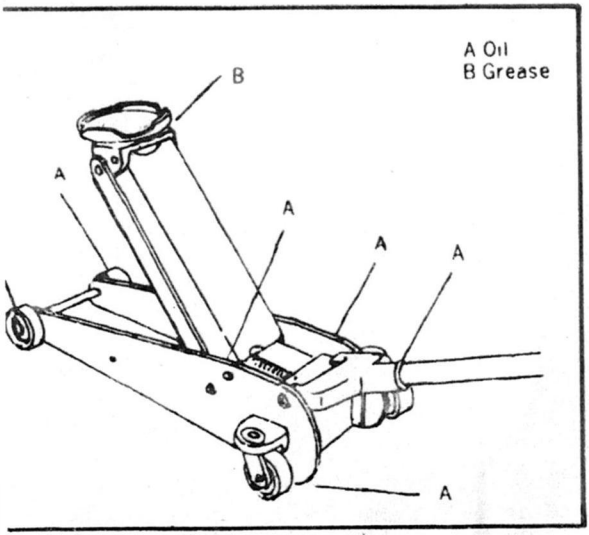
After completing the car repairs, use th to lift the car up sufficiently to remov safety stands. Turn the handle to the ri far as it will go, then pump the hand and down until the car is lifted. Remov safety stands. Make sure no obstruc are left under the car. Turn the handle s toward the left, lowering the car to the f



Oil Tank

The tank containing the hydraulic oil is of the sealed type and normally requires no maintenance.

Oil filler holes are provided in case the oil seals deteriorate(after long usage)and must be replaced. When refilling, be sure to use hydraulic jack oil.
Never use engine or brake oil.



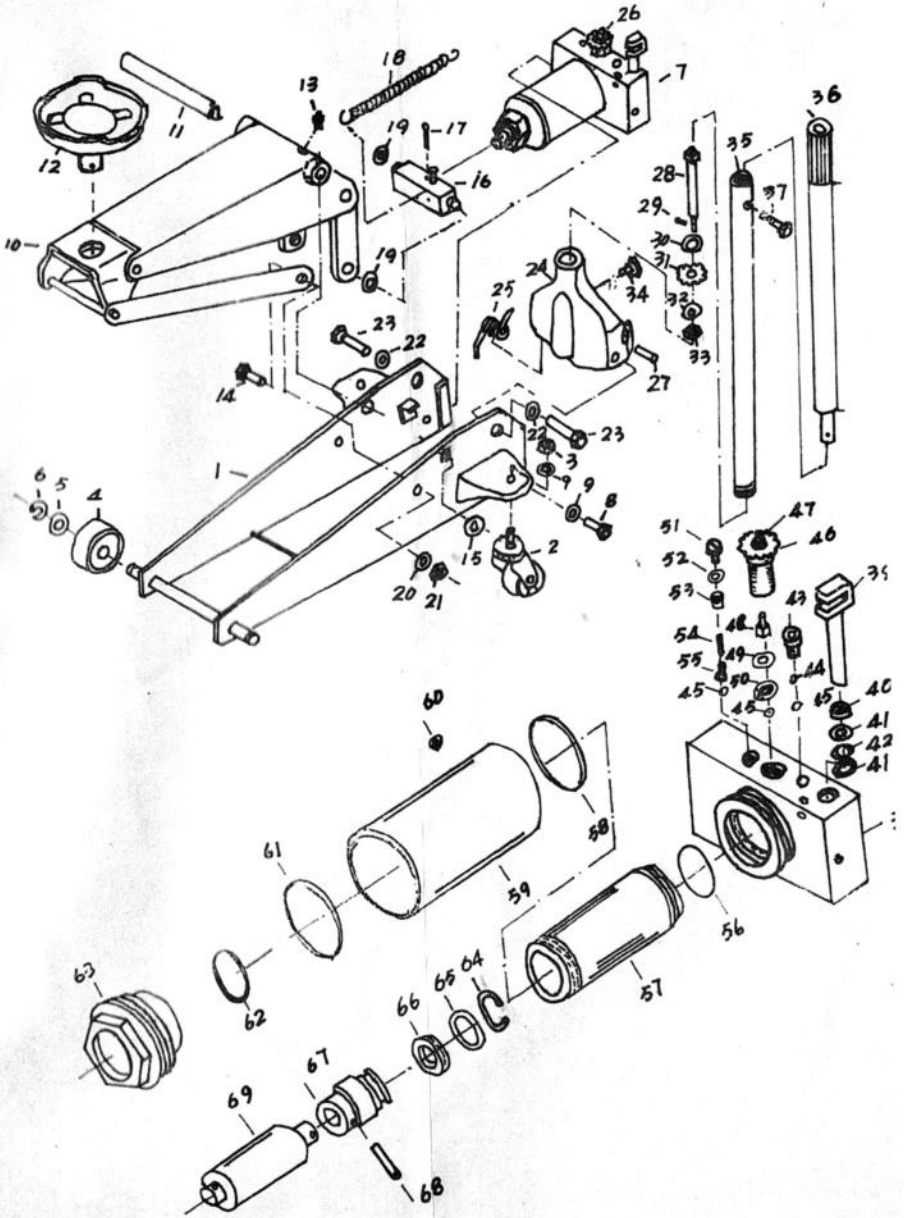
Wheels and Pivots

Once every month lubricate the wheel axles and all pivot points with engine oil. Also apply oil to the under part of the saddle. Use grease around the arm pins.

Trouble	Possible Cause	Remedy
1.Jack does not lift.	1.Release valve open. 2.Oil exhausted. 3.Defective suction and / or exhaust valve. 4.Defective packing.	1.Tighten release valve. 2.Fill tank with oil. 3.Check for dust or fo eign matter, and clear 4.Replace packing.
2.Lifts only half way.	Insufficent oil.	Check oil supply. and fi
3.Lifts, but then lowers out of control.	1.Defective suction and / or exhaust valve. 2.Defective piston packing.	1.Clean valves and adju valve contact. 2.Replace the piston pac ing.
4.Erratic lift.	Defective plunger packing and / incorrect valve.	Clean valves and / packing. Replace oil.

DESCRIPTION	Q'TY
FRAME	1
REAR CASTER ASS.Y	2
NUT	2
FRONT WHEEL	2
WASHER	2
SNAP RING"E"	2
BASE ASS.Y	1
BOLT	2
SPRING WASHER	3
LIFTING ARM ASS.Y	1
SPINDLE.LIFTING ARM	1
SADDLE KIT	1
GREASE FITTING	1
SCREW. SIDE LINK	2
SNAP–RING"C"	2
CONNECTING ROG	1
SPLIT PIN	1
SPRING	1
SNAP–RING"C"	2
SPRING WASHER	2
NUT	2
SPRING WASHER	2
SHAFT.HANDLE	2
HANDLE YORK	1
TORSION SPRING	1
GEAR.RELEASE VALVE	1
PIN	1
CONNECTING ROD.RELEASE	1
SPLIT.PIN	1
WASHER	1
GEAR.CONNECTING ROD	1
SPRING WASHER	1
NUT	1
SET SCREW.HANDLE	1
HAND LEVER"A"	1
HAND LEVER"B"	1
PIN	1
BASE	1
PUMP PISTON	1
SEAL.DUST	1
BACK–UP RING	1
"O"RING	1
BOLT CHECK VALVE	1
STEEL BALLϕ9m / m	1
STEEL BALLϕ6m / m	2
NUT.RELEASE VALVE	1
NUT	1
RELEASE VALVE	1

ITEM NO	DESCRIPTION	Q'TY
49	COLLAR	1
50	WASHER	2
51	BOLT.SAFETY VALVE	1
52	SEAL	1
53	SCREW.SPRING	1
54	SPRING	1
55	SPRING PLUNGER	1
56	"O"RING	1
57	CYLINDER	1
58	PACK ING	1
59	RESERVOIR	1
60	FILLER PLUG	1
61	"O"RING	1
62	SEAL.TOP NUT	1
63	TOP NUT	1
64	SNAP.RING"C"	1
65	CUP WASHER	1
66	CUP SEAL	1
67	RAM	1
68	RAM HEAD PIN	1
69	RAM ROD	1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