

# Garage Jack

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# INSTRUCTION

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## SPECIFICATIONS OF GARAGE JACKS

Model No.	Capacity (metric) TON	Minimum Height M/M	Maximum Height M/M	Power Lift M/M	Overall Width M/M	Overall Length M/M	Handle Length M/M	Net Wt. KGS.	Required Oil Litre	Usage
SG-H-15	1.5	115	465	350	255	735	1,200	45	0.2	Tricycles Small Passenger Cars
SG-H-20	2	115	465	350	255	735	1,200	45	0.2	Medium-Sized Passenger Cars
SG-30	3	120	525	405	250	1,200	1,040	68	0.5	Passenger Cars
SG-50	5	150	555	405	300	1,500	1,200	110	0.9	Trucks
SG-100	10	150	560	410	355	1,650	1,400	170	1.2	Trucks Buses
SG-H-120L	12	180	650	470	365	2,150	1,280	220	1.3	Large Size Buses Long Buses
SG-H-150	15	200	650	450	370	1,800	1,250	250	1.6	Large Size Trucks

Specifications is subject to alteration with or without notice.

## HOW TO FIND DISORDER

A. In the case that the saddle descends gradually from the max. height with load

Cause Classification	Treatment	How to treat
1. Piston Packing being damaged or disformed	Exchange of Piston Packing	Take out Piston and Change Piston Packing
2. Oil Control Valve (By-Pass) doesn't work	Cleaning of By-Pass	Take out Piston and Wash By-Pass in cleaned oil

B. In the case that the saddle lifts unloaded but doesn't lift loaded well or at all

Cause Classification	Treatment	How to treat
1. Nozzle not being tightened enough	Tightening Nozzle enough	Turn Nozzle to the left (anticlock) first and turn clockwise
2. Piston Packing being damaged or disformed	Exchange of Piston Packing	Take out Piston and Change Piston Packing
3. H. P. Pump Packing being damaged or disformed	Exchange of H. P. Pump Packing	Take out H. P. Pump Plunger and Replace new Pump Packing
4. H. P. Valve doesn't work well	Exchange of H. P. Valve	Consult with us or our agent

C. In the case that the saddle doesn't lift at all even unloaded

Cause Classification	Treatment	How to treat
1. Nozzle not being closed (tightened)	Closing Nozzle tightly	Turn the nozzle to the right (clockwise) and close it tightly
2. Pump Packing being damaged or disformed	Exchange of Pump Packing	Take out Pump Plunger and Change Pump Packing
3. Valve doesn't work well or inhales no oil	Exchange of Valve Cleaning of Oil Tank	Consult with us or our agent

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Note: H.P. means High Pressure

# DISCOMPOSITION PROSEDURE OF MODEL NO. SG-H-15 & SG-H-20

A. How to take out the maine parts (Piston, Cylinder, Tank etc. Ass'y)

Procedure	1	2	3	4	5	6
Parts Name	Handle Faste- ning Bolt	Rear Frame Cover	Upper Frame Cover	Arm Tightening Spring	Piston Head Fastening Bolt	Body & Bracket Fastening Bolt

