

Operating Instructions & Safety Manual



Hydraulic Floor Jack

**Rated Capacity
2 tonne**

**Note: Operator must read and fully
understand the operating instructions
before using this product.**

Products supplied comply with the essential health & safety requirements of the Machinery Directive 2006/42/EC, the Supply of Machinery (Safety) Regulations 2008 and the Health & Safety at Work etc Act 1974 section 6.

George Taylor & Company maintain a policy of progressive development of products and reserve the right to alter, without notice, the specifications shown within this manual.

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Safety Information



THIS IS A LIFTING DEVICE ONLY!

- This jack is designed only for lifting part of the total vehicle.
- Do **NOT** move or dolly the vehicle while on the jack.
- The vehicle must be supported after lifting immediately by appropriately rated jack stands.
- **NEVER** go under a vehicle that is not supported with appropriately rated jacks stands.
- Use wheel chocks or other blocking device on opposing wheels before using jack stands.
- **ALWAYS** firmly apply parking brake.
- This jack is designed for use on hard, level surfaces only. Using on uneven or unstable surfaces could result in instability and possible failure to support load.
- **ALWAYS** centre the jack under the axle or a flat reinforced frame surface, if unsure check car manufacturers manual



No.	Description
1	360° Rotating Saddle
2	Rugged Steel Frame Construction

No.	Description
3	Handle for raising and positioning
4	2 Rear Swivel Casters for easy positioning

Operating Instructions



WARNING

- This is a lifting device only. Load must be supported by proper rated capacity jack stands under the vehicle before starting inspection or work.
- Do not exceed the rated capacity of this jack. Overloading can cause damage to jack and/or failure resulting in personnel injury or property damage.
- This jack is designed for use on hard level surfaces. Using on uneven or unstable surfaces could result in instability and possible failure to support load.

OPERATING INSTRUCTIONS

1. When this jack leaves the manufacturer, the vent plug on top of the oil chamber is closed to prevent the oil from being spilled. This oil chamber contains the correct amount of oil before despatch. Before using for the first time, remove cover plate, unscrew the vent plug until there is a 1/16" gap. If oil spill is evident, or if vent plug was found open it is necessary to check oil level before pumping.
2. With release valve now open, pump handle about 6 full strokes to assure complete distribution of oil.
3. Close release valve, and jack is ready to use.
4. **ALWAYS CENTRE THE LOAD ON THE JACK SADDLE.** Off-centre loads and loads lifted while jack is not sitting level may damage the jack.

BEFORE USING THE JACK

During transportation or handling, air in the jack may become trapped in the hydraulic system causing jack to malfunction. To release air from the hydraulic system:

1. Turn release valve counter-clockwise with handle, no more than two full turns.
2. Remove oil fill plug.
3. Pump jack handle quickly in several full strokes.
4. Repeat above steps as needed, remember to replace oil fill plug.

TO RAISE

1. With one end of jack handle, CLOSE RELEASE VALVE TIGHTLY by turning it clockwise.
2. Place vehicle in PARK and apply hand brake.
3. Place jack under vehicle at proper lifting location. (Refer to vehicle owners manual). If needed, turn extension screw on jack counter-clockwise until it comes in contact with vehicle.
4. Insert jack handle into handle socket. PUMP THE HANDLE (operate it up and down) to lift vehicle to desired heights.

TO LOWER

1. Remove handle, use small end to SLOWLY open release valve. (To open, turn SLOWLY in counter-clockwise direction).
2. When vehicle is fully lowered, remove jack. If extension screw has been extended, turn it clockwise until it retracts enough to remove from vehicle.
3. When jack has been removed from vehicle, close release valve for storage.

GENERAL CARE

When the jack is not in use, the lifting arm and pump lever should be in full down position. This will protect the precision machined surfaces of the ram and the piston from corrosion.

Container is filled with 7fl.oz of hydraulic jack oil. For best results, always use a good grade when adding or replacing oil. Avoid mixing types of oil. Do not use brake fluid, alcohol, glycerine, detergent motor oil or dirty oil. Improper fluid can cause serious internal damage to the jack, Esso brand (or equivalent) SAE 10 hydraulic oil is recommended in jacks with hydraulic system.

Keep your jack clean and well lubricated, as well as the outside moving parts such as the lifting arm spindle, wheel bearings and cross head pin.

When replacing parts of the jack, ensure you use only original spare parts provided by the manufacturer.

Safety Information



ADDING OIL

With ram fully lowered and jack on level ground, remove oil fill plug. Add oil if level is more than 1/2" below hole replace cover plate.

REPLACING OIL

Oil should be replaced at least once every year. To drain oil, remove cover plate, oil filter plug and release valve. Be VERY CAREFUL to not allow dirt or any foreign matter into the system.

LUBRICATION

Put grease in fitting on base and lubricate lifting arm spindle with oil, every 3 months.

RUST PREVENTION

Clean and wipe with an oily cloth, the piston ram and pump piston every 3 months or when signs of rust or corrosion appear. When not in use, always leave the saddle and pump piston in the down position completely.

TROUBLE SHOOTING CHECK LIST

TROUBLE	CAUSE	ACTION
Jack will not lower completely	1. Air in hydraulic system 2. Release valve stuck	1. Purge air from hydraulic system 2. Transfer weight load and clean valve
Jack will not lower weight	1. Release valve in open position	1. Close release valve tightly
Jack will not lift to full height	1. Oil level low 2. Air in hydraulic system	1. Fill to recommended level 2. Purge air from hydraulic system
Weak lifting	1. Air in hydraulic system 2. Dirty oil 3. Release valve not completely closed	1. Purge air from hydraulic system 2. Change oil, use SAE 10 3. Close release valve tightly
Jack will not lift load	1. Excessive weight 2. Release valve in open position 3. Oil level low	1. Decrease weight or use a higher capacity jack 2. Turn valve clockwise and tighten 3. Fill to recommended level

Spare Parts List



Part No.	Description	Qty
1	Handle Cap	1
2	Handle	1
3	Saddle A	1
4	Saddle B	1
5	Mount, Saddle	1
6	Pin, Mount, Saddle	1
7	Radius Link	2
8	Shaft Link	1
9	Pin Link	2
10	Spring Washer	6
11	Retaining Ring	2
12	Retaining Ring	1
13	Front Wheel	2
14	Front Wheel Spindle	1
15	Front Wheel Spacer	2
16	Nut	6
17	Flat Washer	4
18	Caster Wheel	2
19	Caster Wheel Spindle	2

Part No.	Description	Qty
20	Caster Wheel Fork	2
21	Caster Wheel Bolt	2
22	Nut	2
23	Lock Washer	2
24	Flat Washer	2
25	Steel Ball Bearing	16
26	Frame L Unit	1
27	Frame R Unit	1
28	Anchor Bolt	1
29	Spacer Tube	2
30	Spindle Side Member	1
31	Lifting Arm	1
32	Lifting Arm Spindle	1
33	Return Spring	1
34	Cross Head Pin	1
35	Retaining Ring	1
36	Cover Plate	1
37	Hydraulic Unit Assembly	1
38	Carrying Handle	1

WARNING

USE ONLY ORIGINAL SPARE PARTS FROM THE MANUFACTURER OR APPROVED BY THE MANUFACTURER.
 Only attachments and/or adapters supplied by the manufacturer shall be used.

Spare Parts Breakdown

