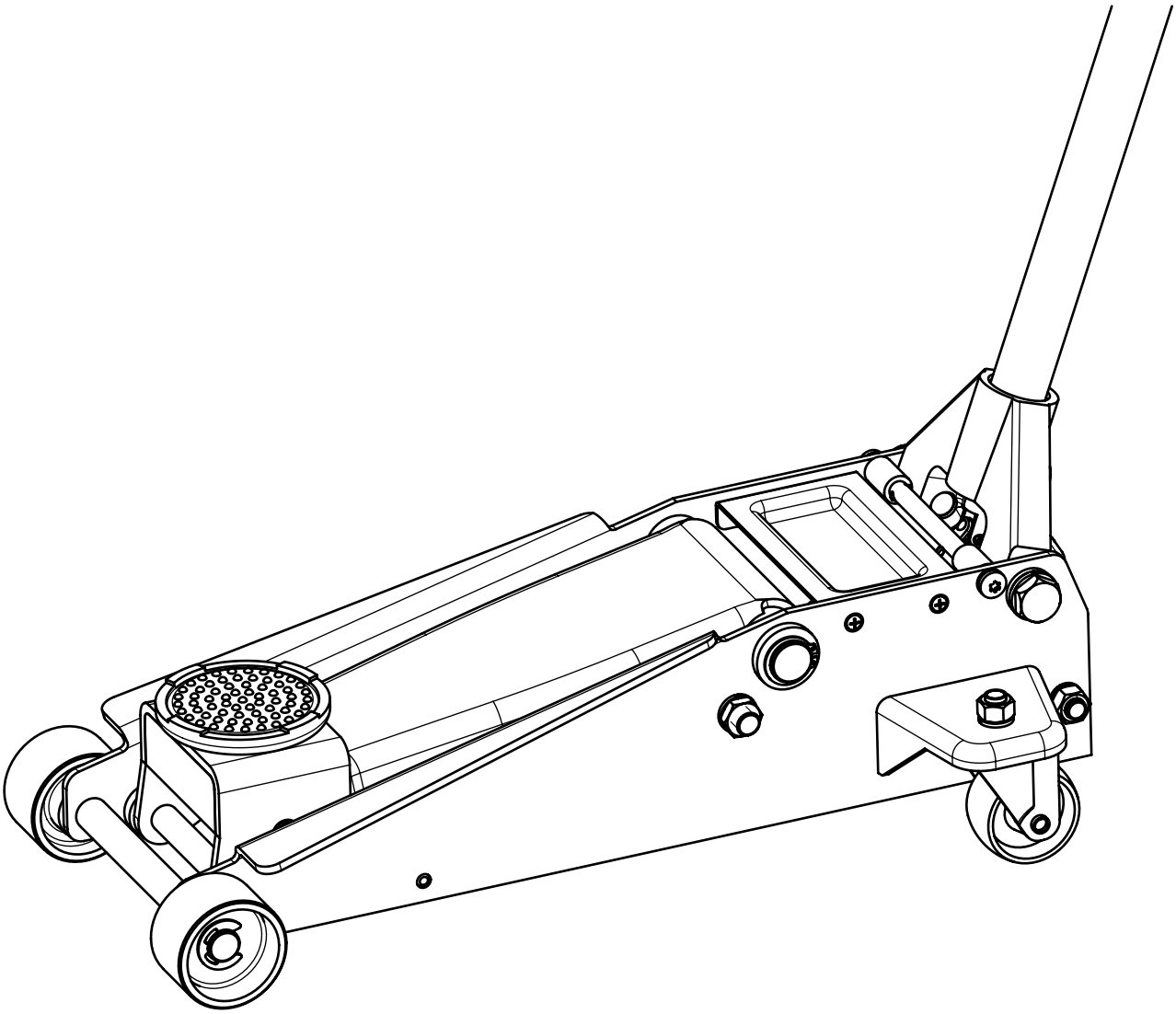
GLOBAL™ INDUSTRIAL
We can supply that.®

User's manual	Manual del usuario	Manuel de l'utilisateur
Customer Service US: 1-800-645-2986	**Servicio de atención al Cliente US: 1-800-645-2986**	**Service à la clientèle Canada: 888-645-2986**

Global Industrial 3 Ton Service Jack, Dual Pump

Model: 133785



3 Ton Service Jack

1 SAVE THESE INSTRUCTIONS

Please read these instructions carefully before using the product for the first time and store them for future reference. This product must be operated in accordance with these instructions at all times. Make these instructions for use accessible to all persons who will be working with this product. This applies also when reselling the product.
We cannot assume any liability for any accidents or damage that may arise due to non-observance of this guide or the safety instructions contained therein. Any structural modifications to the product will void the manufacturer's warranty.

This product is intended for private use only.

2 TECHNICAL SPECIFICATIONS

Nominal load	max. 3 tons
Lifting height	min. 5-1/8 to max. 18-1/4"
Length	25"
Weight	65 lbs

3 INTENDED USE / SAFETY INSTRUCTIONS

This product is a floor jack for lifting motor vehicles. It is intended for use as a lifting device only. Ensure that the load to be lifted does not exceed the maximum permissible load of the jack. The maximum load of 3 tons must not be exceeded. Failure to do so may result in damage to the jack and compromise safety. Use the jack on a firm, even surface only. Instability or slipping of the load may occur on soft or uneven surfaces. Consequential damage to the vehicle or persons cannot then be precluded. (Risk of accident!).
Make sure there are no persons inside the vehicle being lifted. Position the hydraulic jack so that no part of your body will be under the vehicle while it is being lifted. Never work under a car that is being supported only by the hydraulic jack. Always use additional supports. Before lowering the hydraulic jack, ensure there are no persons or objects under the vehicle. Never leave the hydraulic jack unattended for extended periods when it is supporting a load as it can lose pressure and begin to sink. Therefore, always place something underneath the lifted load. Never get into a vehicle or start its engine while it is on the hydraulic jack.

WARNING: Lifting of persons prohibited!



General warning sign



Warning about hand injuries

3 Ton Service Jack

4 GENERAL USAGE INSTRUCTIONS

Before using the floor jack, check for loss of oil, damage or missing accessories.

First-time operation:

1. Open the drain valve (1) and insert the enclosed handle (extension) in the pumping arm (2). To ensure the oil distributes itself completely, carry out approx. 6 full pumps of the handle.
2. Close the drain valve. The vehicle jack is now ready for use.

Lifting the vehicle:

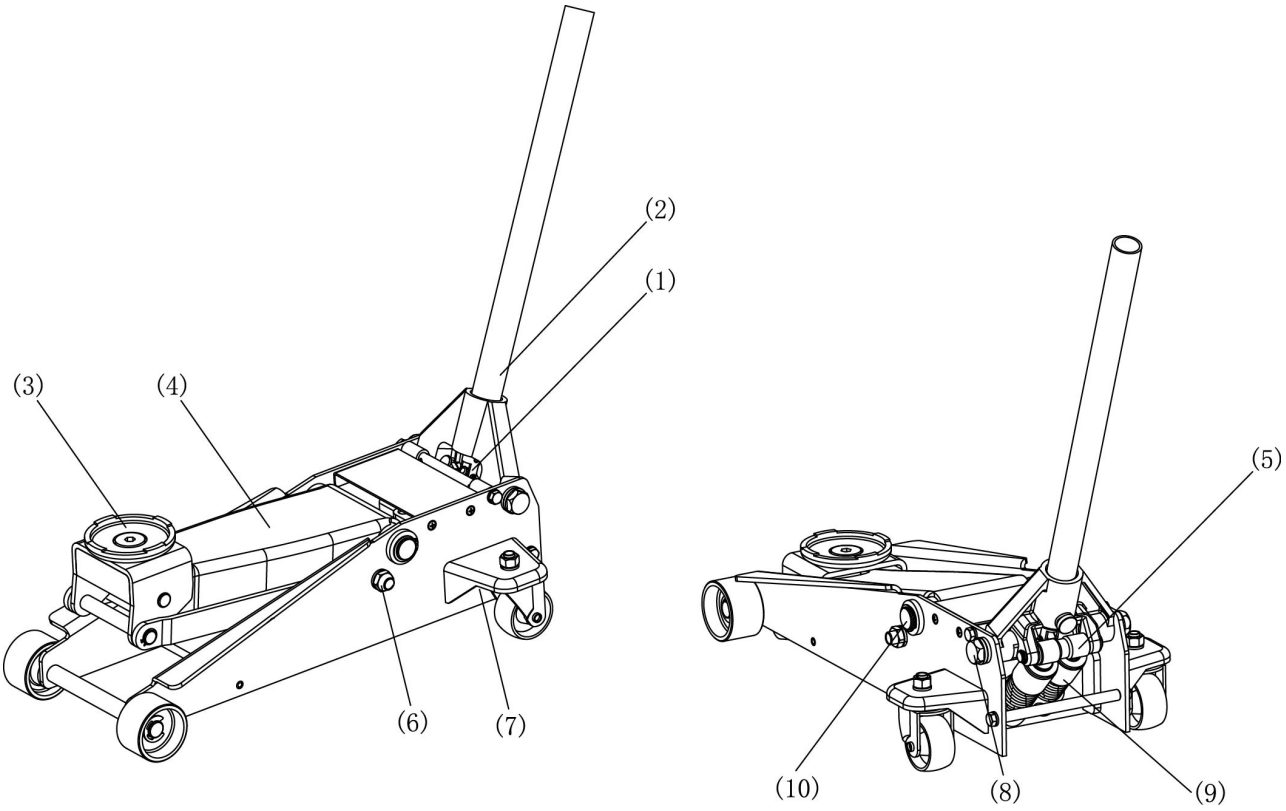
1. Position your vehicle on an even, firm surface and secure the vehicle against rolling as specified by the vehicle manufacturer (chocks recommended).
2. To ensure safe lifting, position the jack at a 90° angle to the vehicle and under the appropriate jacking point (see the manufacturer's instructions).
3. Insert the handle in the drain valve and close it by rotating clockwise until the limit stop is reached.
4. Insert the handle in the pumping arm and pump the handle until the saddle (3) is in contact with the vehicle.
5. Check again that the jack is seated correctly.
6. Continue pumping the handle until the vehicle has been lifted to the desired height.
   Caution: Observe the vehicle carefully during the lifting operation. The jack should move in the direction of the vehicle during lifting. Should this not be the case, there is a strong possibility that the vehicle will slide off the jack.
7. Pull the handle out of the pumping arm. (Risk of accident!)
8. Secure the load with suitable jack stands or cribs before commencing any work on or under the vehicle.
   Caution: Working on or under the vehicle without first appropriately securing the raised load is prohibited! (Risk of accident!)
9. After you have finished working on the vehicle, open the drain valve by carefully twisting the jack handle in small increments in a counterclockwise direction until the vehicle begins to move downwards.
10. Once the vehicle is firmly on the ground, the drain valve can be opened again (approx, one half turn) in order to return the lifting arm (4) all the way to the bottom in the starting position.
11. Before lifting the load, check that the drain valve is properly closed.
12. All moving parts must be lubricated in accordance with the operators' manual and maintained on a regular basis.

3 Ton Service Jack

4 GENERAL USAGE INSTRUCTIONS (CONT'D)

Storage & Care:

1. When the vehicle jack is not in use, the lifting arm should be in the lowest position and the handle in an upright position to protect the precision mechanics from damage. The vehicle jack must be stored in a horizontal position in a dry location. Ensure the jack remains in its original condition. Do not undertake any modifications to the device.
2. Use only SAE10 (SAE: Society of Automotive Engineers) grade, special-purpose hydraulic oil for the pump. Dispose of all used and spilled oil appropriately and responsibly.
3. Do not use a high-pressure cleaner to clean the jack. All external moving parts, e.g. the foot roller bearings (5), fastening bolts of the lifting arm (6), fastening bolts of the lifting arm cylinder (7) and fastening bolts of the pumping arm (8) must be well-lubricated regularly every 3 months.
   IMPORTANT: Lubricate or grease the rods of the pump (9) and supporting shaft (10).
4. All maintenance and repair work must be performed by a suitably qualified personnel in accordance with the manufacturer's instructions.
   Caution: Do not use the jack if there are any missing, loose or broken parts!



3 Ton Service Jack

5 TROUBLESHOOTING

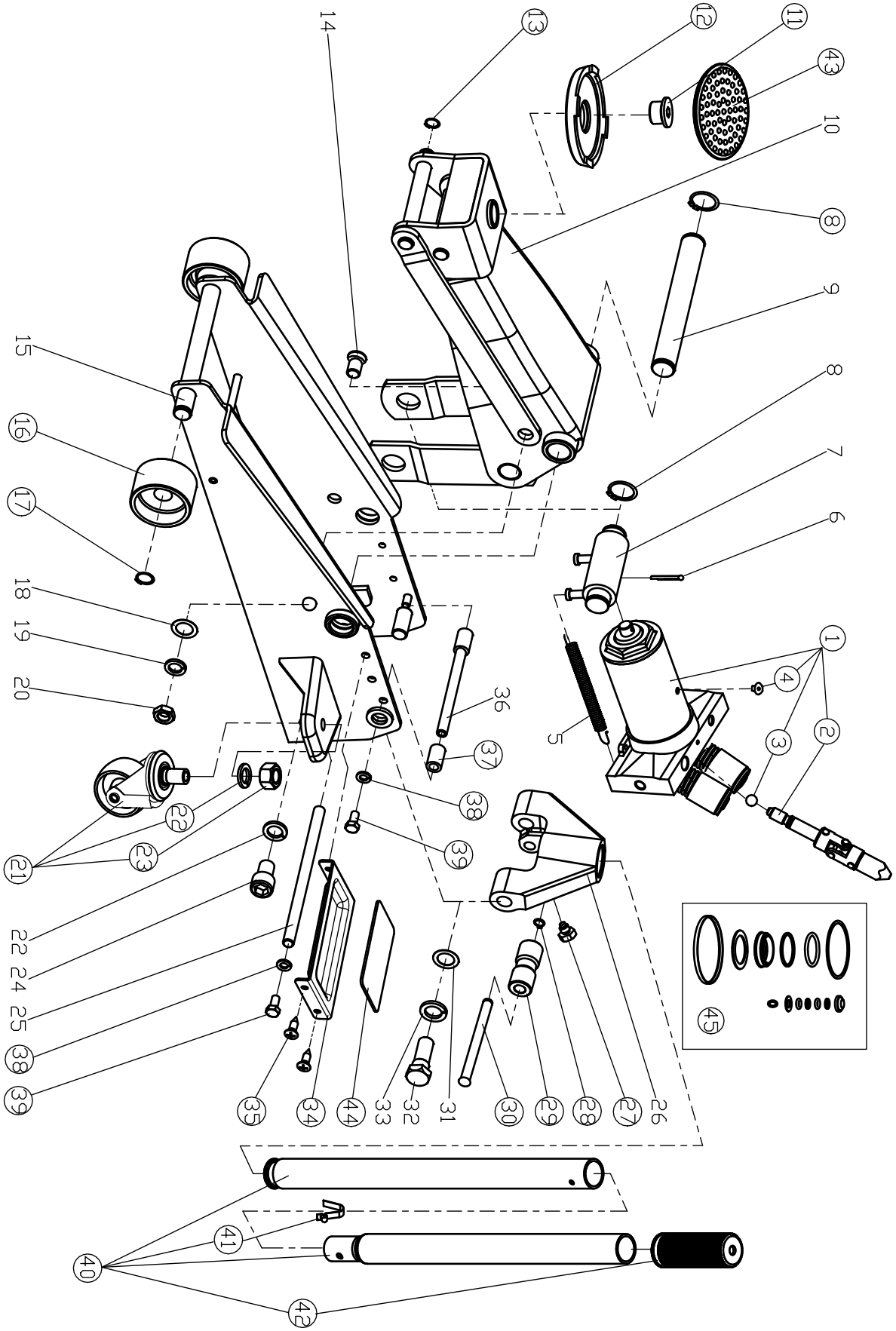


NOTE: The instructions below must not be carried out while the vehicle jack is in use.
NOTE: The vehicle jack is equipped with a safety valve (15). It has been configured to allow the vehicle jack to lift loads up to 2 tonnes. The safety valve must not be modified or adjusted in any way.

Problem	Possible cause	Action
The jack does not reach its full height.	Low level of oil in the jack	Check the oil level.
	Air in the hydraulic system	Bleed in accordance with instructions.
The load lowers.	The relief valve does not close properly.	Contact an authorized service center.
	The oil is contaminated.	
	The pump valves are leaking.	
	The piston is jammed.	
	Air in the hydraulic system	Bleed in accordance with instructions.
The lifting arm does not lower.	The piston is jammed.	Contact an authorized service center.
	Worn parts	
	Internal damage to the jack	
	The return spring has broken or come loose.	
	The lift linkage is damaged or jammed.	
	Air in the hydraulic system	Bleed in accordance with instructions.
Imprecise movement when lifting	Air in the hydraulic system	Bleed in accordance with instructions.

3 Ton Service Jack

6 DIAGRAM



3 Ton Service Jack

6 DIAGRAM (CONT'D)

REF #	PART #	DESCRIPTION	QTY
1	T830023.4	POWER UNIT ASSEMBLY	1
2	T830023.4.1(ASM)	UNIVERSAL JOINT ASSEMBLY	1
3	GB308-6	STEEL BALL BEARING Ø6MM	1
4	TF1201C-29	OIL PLUG	1
5		RETURN SPRING	2
6		COTTER PIN Ø4X40MM	1
7		COUPLING CONNECTOR	1
8	GB894.1-25	C-CLIP Ø25MM	4
9		SUPPORTING SHAFT	1
10		LIFTING ARM ASSEMBLY	1
11	TZ830018Z-2	PIN FOR SADDLE	1
12	T830003XL-7	SADDLE	1
13	GB894.1-16	C-CLIP Ø16MM	2
14		CONNECTING ROD PINTLE	2
15		FRAME ASSEMBLY	1
16	T830025-5	FRONT WHEEL	2
17	GB894.1-18	C-CLIP Ø18MM	2
18		WASHER M14	2
19		SPRING WASHER M14	2
20		NUT M14	2
21	T830021.5 (ASM)	REAR CASTER ASSEMBLY	2
22	GB895-12	SPRING WASHER M12	4
23	GB6170-M12	NUT M12	2
24		SOCKET HEAD CAP SCREW M12X25MM	2
25		BACK SHAFT	1
26		HANDLE SOCKET	1
27	QLZ2C-1a	HANDLE SOCKET SCREW M10X19MM	1
28	GB894.1-12	C-CLIP Ø12MM	1
29	T825011CL.2-3	CONTACT ROLLER	1
30	T825011CL.2-2	PIN	1
31		WASHER M18	2
32		SHOULDER BOLT M18X54MM	2
33		SPRING WASHER M18	2
34	TZ830023D-1	COVER PLATE	1
35	GB/T 845-ST4.8X16	TAPPING SCREW ST4.8X16MM	4
36		HANDLE SOCKET SHAFT	1
37	T84004-7	RUBBER SET	2
38	GB859-8	SPRING WASHER M8	4
39	GB5783- M8X16	BOLT M8X20MM	4
40	T83000F.3	HANDLE ASSEMBLY	1
41	T83508.5-4	HANDLE LOCK PIN	1
42	QLZ2C.2-4	HANDLE COVER	1
43	T815016CL-1	SADDLE PAD	1
44	T830023D-2	MAGNETIC PAD	1
45	T830023.MF	SEAL KIT	1