FORCE
CANADA

LIFT HIGHER, WORK SMARTER



7,000 LB CAPACITY

PORTABLE QUICK LIFT

OWNER'S MANUAL

SETUP · OPERATION · MAINTENANCE · WARRANTY

⚠ **READ THIS MANUAL BEFORE USE.** Keep it with the lift.

forcecanada.ca | 416-402-1990

Thank you for choosing Force Canada.

This manual covers setup, safe operation and care of your **7,000 lb Portable Quick Lift**. Read it all the way through before your first lift and keep it with the equipment so every operator can find it.

YOUR LIFT RECORD

Fill this in when the lift arrives. You will need it for warranty or parts.

Serial number (motor / frame nameplate)	
Date of purchase	
Force Canada invoice number	
Supply voltage confirmed on nameplate	☐ 120 V AC, 60 Hz

CONTENTS

01 Safety 2

02 Specifications 4

03 What's in the Box 6

04 Setup & First-Time Use 7

05 Positioning the Lift 10

06 Raising, Locking & Lowering 13

07 Maintenance 16

08 Troubleshooting 17

09 Power Unit Parts & Wiring 18

10 Warranty & Support 19

HOW SAFETY MESSAGES APPEAR IN THIS MANUAL

⚠ DANGER

A hazard that **will** cause death or serious injury if not avoided.

⚠ WARNING

A hazard that **could** cause injury or damage to the vehicle or lift.

01 SAFETY

⚠ DANGER

Read, understand and follow every instruction in this manual before using the lift. Failure to do so may result in serious injury, death or property damage.

This lift raises vehicles. It is not a vehicle support stand. Never work under a raised vehicle until both frames are lowered onto their mechanical locks — and for any work underneath, also place properly rated jack stands at the vehicle manufacturer's support points.

OPERATOR

- Only trained operators who have read this manual and are familiar with hydraulic equipment may use the lift.
- Do not allow children, untrained people, or anyone under the influence of drugs, alcohol or medication to operate the lift.
- Wear safety glasses, gloves and safety boots. Remove jewellery and tie back long hair and loose clothing — they can catch in moving parts.
- Only the operator should be near the lift while it is moving. Keep other people and animals clear of the work area.

BEFORE EVERY USE

- Inspect the lift for cracked welds, oil leaks, damaged hoses, loose or missing parts, and worn or damaged locks. **Do not use a lift that is damaged or not working properly.** Contact Force Canada for service.
- Confirm the vehicle weight. **Never exceed the rated capacity** (see Section 02 — capacity depends on lift block height).
- Use the lift only on a **dry, flat, level, solid concrete floor**. Do not use on asphalt, gravel, soil, cracked or sloped surfaces.
- Make sure all hose couplers are fully connected before applying pressure.

WHILE LIFTING

- Lift only at the lifting points specified by the vehicle manufacturer. Never lift only one side, one corner or one end of a vehicle.
- Always use the rubber lift blocks in the receiving trays. Never lift a vehicle directly on the frame, and never drive a vehicle onto the frames.
- Use blocks of the same height at all four points.
- Keep the two frames as parallel as possible and the vehicle balanced front to back.
- Keep people out of the vehicle while it is being raised. Do not rock the vehicle or shift heavy loads while it is up.
- If the vehicle could fall from the lift (e.g. while removing heavy components), clear the area first.
- Before approaching a raised vehicle, confirm all four lock bars have dropped into place.

- Do not remove the vehicle's wheels and then lower the lift all the way to the floor — the lift needs clearance under the vehicle to raise it again.

ELECTRICAL

- Connect only to the voltage and frequency shown on the motor nameplate: **120 V AC, 60 Hz**, using a properly grounded 3-prong outlet.
- If an extension cord is needed, its current rating must be equal to or greater than the lift's. An undersized cord can overheat.
- Route cords so they cannot be tripped over or pulled, and do not let them hang over edges or touch hot or moving parts.
- Do not operate with a damaged cord or plug, or if the power unit has been dropped or damaged, until it has been inspected by a qualified service person.
- Unplug the power unit when not in use. Pull on the plug, never the cord.
- Do not use in wet conditions or expose to rain.
- **Never move the power unit by pulling on the power cord, the remote pendant cord or the hoses.**

HYDRAULICS & HEAT

- The motor gets very hot during use. Do not touch it while running, and let it cool completely before storing.
- **Duty cycle: after five consecutive lift cycles, let the power unit rest for one hour** so the motor can cool.
- Do not operate the hydraulic system above 65 °C (150 °F). Overheating softens seals and hoses and can cause leaks or failure.
- Never connect or disconnect hoses while the lift is loaded or the system is under pressure.
- Do not open the tank filler plug while the lift is operating.
- Do not operate near open containers of gasoline or other flammable liquids.
- Do not drive over or pinch the hydraulic hoses or cables.
- Avoid skin contact with hydraulic oil. If oil gets in your eyes, is swallowed or is injected through the skin, get medical attention immediately.

MODIFICATIONS & SERVICE

- Do not modify the lift in any way. Modifications void the warranty and can cause failure.
- Replace any missing or unreadable warning labels. Contact Force Canada for replacements.
- Repairs must be done by qualified personnel using genuine parts.

> **⚠ WARNING**
>
> **Do not raise the empty lift to full height.** Without a load, the frames can jam at the top. When cycling the lift empty, raise it only 200–300 mm (8–12 in).

SAVE THESE INSTRUCTIONS

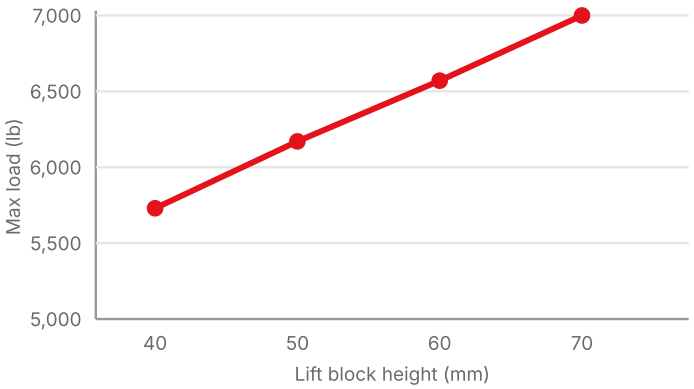
02 SPECIFICATIONS

7,000 lb Portable Quick Lift	
Maximum capacity	7,000 lb (3,175 kg) — see block-height table below
Lift height — frame only	105 – 475 mm (4.13 – 18.70 in)
Lift height — with small blocks (mats)	165 – 510 mm (6.5 – 20 in)
Lift height — with tall blocks (columns)	260 – 680 mm (10.24 – 26.8 in)
Platform size (each frame)	1,750 × 325 mm (68.9 × 12.8 in)
Power supply	120 V AC, 60 Hz, single phase
Motor	750 W, pure copper winding · 6.25 A
Hydraulic oil	ISO VG 46 anti-wear hydraulic oil (AW 46)
Locking	Mechanical safety locks, 4 lock bars (2 per frame)
Control	Hand-held pendant remote, Up / Down
Duty cycle	5 consecutive cycles, then 1 hour rest
Shipping crate	2,050 × 570 × 430 mm (80.7 × 22.4 × 16.9 in)
Shipping weight	225.5 kg (496 lb)

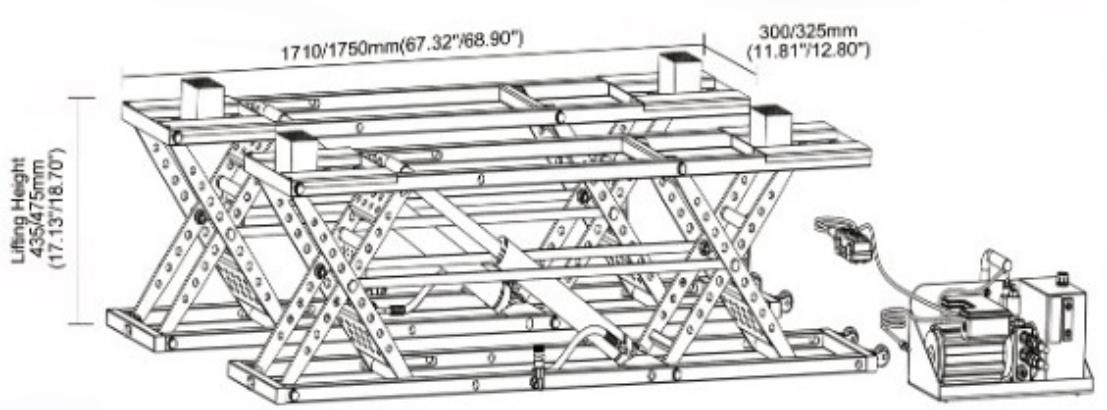
CAPACITY DEPENDS ON LIFT BLOCK HEIGHT

The lift needs some clearance under the vehicle to build lifting force — it cannot lift a full load from a completely flat starting position. The lower the lift starts, the less it can lift. Use the table below and never exceed the capacity for the blocks you are using.

Lift block height	Maximum load
40 mm (1.6 in)	2,600 kg (5,730 lb)
50 mm (2.0 in)	2,800 kg (6,170 lb)
60 mm (2.4 in)	3,000 kg (6,610 lb)
70 mm (2.8 in)	**3,175 kg (7,000 lb)**



DIMENSIONS



Frame dimensions. Lift height shown is frame only, without lift blocks.

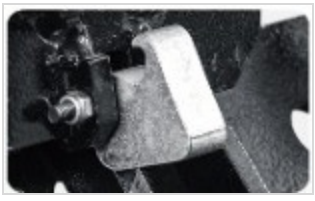
KEY FEATURES



750 W copper-wound motor



Reinforced hydraulic cylinder



Mechanical safety lock



Moving wheels



Towing handle



Pendant remote control

03 WHAT'S IN THE BOX

Check that all parts are present and undamaged before setup. Report any shortage or shipping damage to Force Canada within 48 hours of delivery.

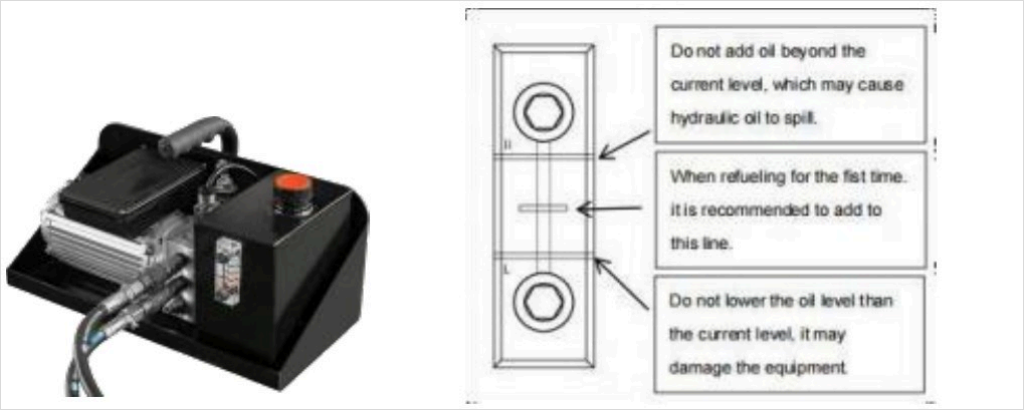


No.	Description	Qty	No.	Description	Qty
01	Lift frame A	1	07	Caster wheel	4
02	Lift frame B	1	08	Extension plate	2
03	Power unit (pump, motor, tank, remote)	1	09	Towing handle	2
04	Lift block — small (mat)	4	10	Bolt M8 × 55 mm, washer, nut	8 sets
05	Lift block — tall (column)	4	11	Bolt M10 × 55 mm, washer, nut	4 sets
06	Long hydraulic hose	2			

04 SETUP & FIRST-TIME USE

1. **Unpack.** Open the wooden crate and remove all components. Lay them out and check them against the parts list in Section 03.

2. **Fill the hydraulic tank.** The tank ships empty. Remove the filler (breather) plug and add **ISO VG 46** hydraulic oil to the middle line of the sight gauge, then reinstall the plug.



Sight gauge	Meaning
Top mark	Do not fill above this level — oil may spill.
Middle line	Recommended level when filling for the first time.
Bottom mark	Do not let oil drop below this level — it can damage the pump.

3. **Connect the hoses to the power unit.** Connect the **female** end of each long hose to the power unit.



4 **Connect the hoses to the frames.** Connect the **male** end of each hose to the coupler on its lift frame. Push each coupler until it locks fully.

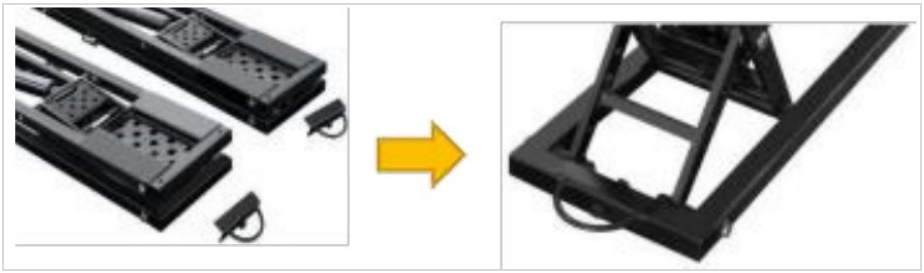


> **NOTE**
> To move the lift to another bay, disconnect the hoses at the power unit only when the lift is fully lowered and unloaded, then move the power unit and the frames separately.

5 **Install the extension plates (if required).** For longer wheelbases, extend each platform and secure the extension plate with two bolts.



6 **Install the towing handles** at the rear of each frame.



7 **Install the caster wheels** at the front of each frame using the M8 bolts, washers and nuts.



8 **Connect power.** Confirm the nameplate reads 120 V AC, 60 Hz, then plug the power unit into a grounded 120 V outlet. The lift is controlled with the pendant remote: **UP** raises, **DOWN** lowers.





Fully assembled lift with power unit and lift blocks

9 **Bleed the air from the system.** With **no load** on the frames, press UP to raise the frames to 200–300 mm (8–12 in), then lower fully. Repeat several times until both frames rise and fall evenly and sit level with each other. The lift is now ready for use.

> **⚠ WARNING**
> Do not raise the empty lift to full height. It may jam at the top. This is also a good time for new operators to practise with the controls.

05 POSITIONING THE LIFT

PRE-LIFT CHECKLIST

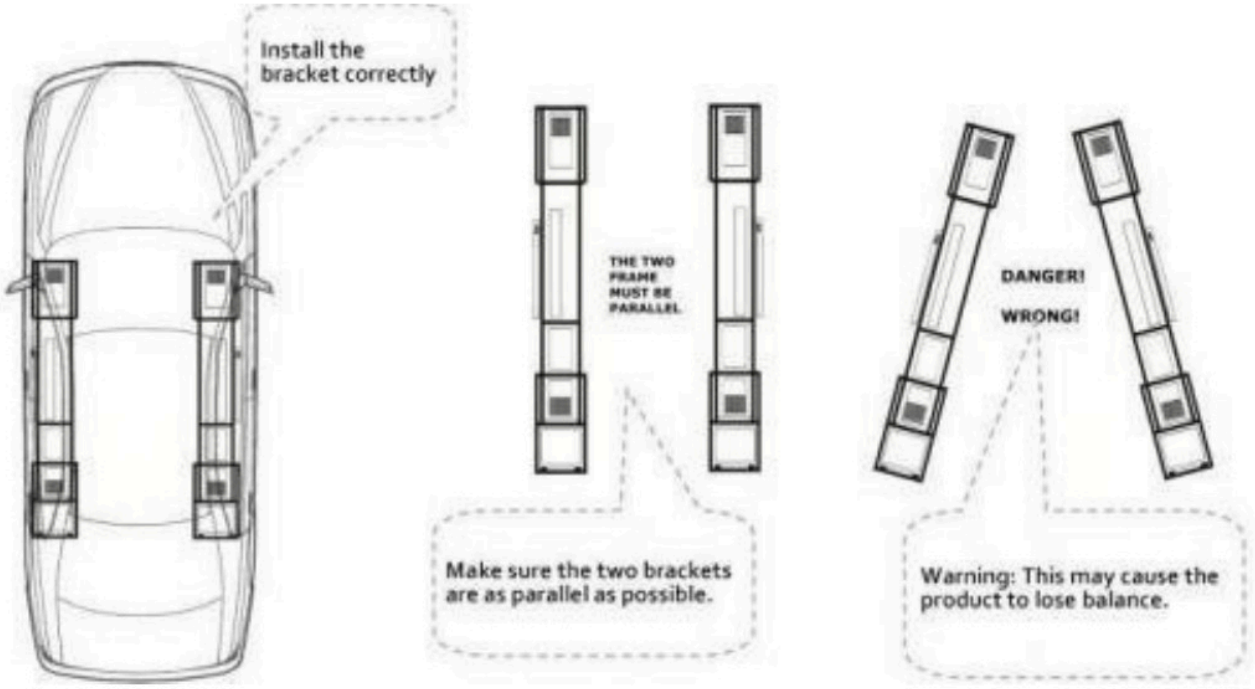
Check	What to confirm
The lift	No missing, damaged or badly worn parts. Lift blocks are in the receiving trays. Locks move freely.
The area	Floor is level, dry concrete. No obstacles around the lift. People and animals kept clear.
The operator	Trained, has read this manual and the labels on the lift.
The vehicle	Weight is within capacity for the block height used. Nobody inside. Manufacturer's lift points identified.

LIFT BLOCKS

- The vehicle must sit on the **rubber lift blocks in the receiving trays** — never on the frame itself. Lifting on the frame can damage the vehicle and the lift.
- The lift includes four small blocks (mats) and four tall blocks (columns). **Use the same block height at all four points.**
- Place each block directly under the lift point specified by the vehicle manufacturer.

KEEP THE FRAMES PARALLEL

Position the two frames as parallel as possible, within the limits of the vehicle's lift points. Frames that are angled toward each other make the load unstable. Make sure the vehicle is balanced front to back.



Left: frames correctly under the lift points. Centre: frames parallel — correct. Right: frames angled — **wrong, the vehicle may lose balance**.

TWO WAYS TO PLACE THE FRAMES

A · Outside in
Park the vehicle in position. Place one frame along each side of the vehicle, between the wheels. If the space between the wheels is short, angle the frame, push one end under the vehicle, then the other. Adjust to the lift points.

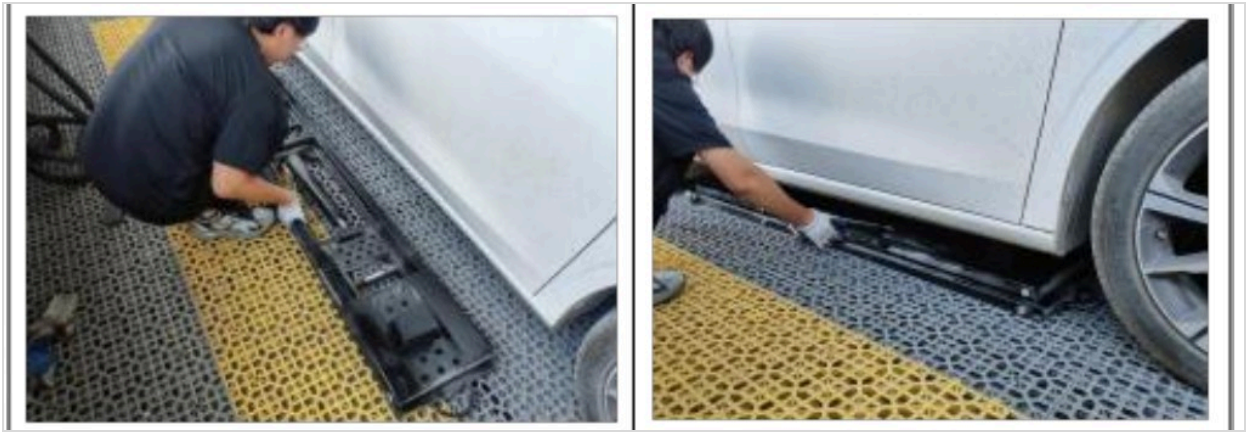
B · Inside out
Place the two frames side by side and drive the vehicle over them. Then pull each frame outward into position under the manufacturer's lift points.

⚠ WARNING

- Frames must be **fully lowered** before you slide them under a vehicle.
- Never drive onto the frames, and do not drive over or crush the hydraulic hoses.

STEP BY STEP

1. Choose method A or B above.
2. Place the lift blocks into the receiving trays.
3. Push the frames into place (if using method B, drive the vehicle over the frames first).
4. Line up each block under the vehicle manufacturer's lift point and adjust to fit.
5. Confirm both hoses are connected to the frames and to the power unit.



Place a frame along each side of the vehicle, then slide it underneath and adjust the frame and blocks to the lift points.

06 RAISING, LOCKING & LOWERING

RAISING THE VEHICLE

1. Plug in the power unit.
2. Press and hold **UP**. Just before the blocks touch the vehicle, release the button.
3. Check that every block is exactly on the manufacturer's lift point. Adjust if needed — you may have to lower slightly to reposition.
4. Press and hold **UP** to raise the vehicle. Stop after a few centimetres and check the vehicle is stable before going higher. If it is not stable, lower it back to the floor and reposition.
5. Raise the lift to just **above** the lock position you want.
6. Press **DOWN** briefly until the frames settle onto the mechanical locks, then release.
7. Check visually that **both frames are resting on the same lock position**.



UP / DOWN on the pendant remote



Lock engaged · vehicle raised and resting on locks

> **⚠ DANGER**
>
> Before doing anything else — starting the vehicle, working on it or leaving the area — confirm both frames are locked and all four blocks are in contact with the lift points. **Do not work under the vehicle unless rated jack stands are also in place.**

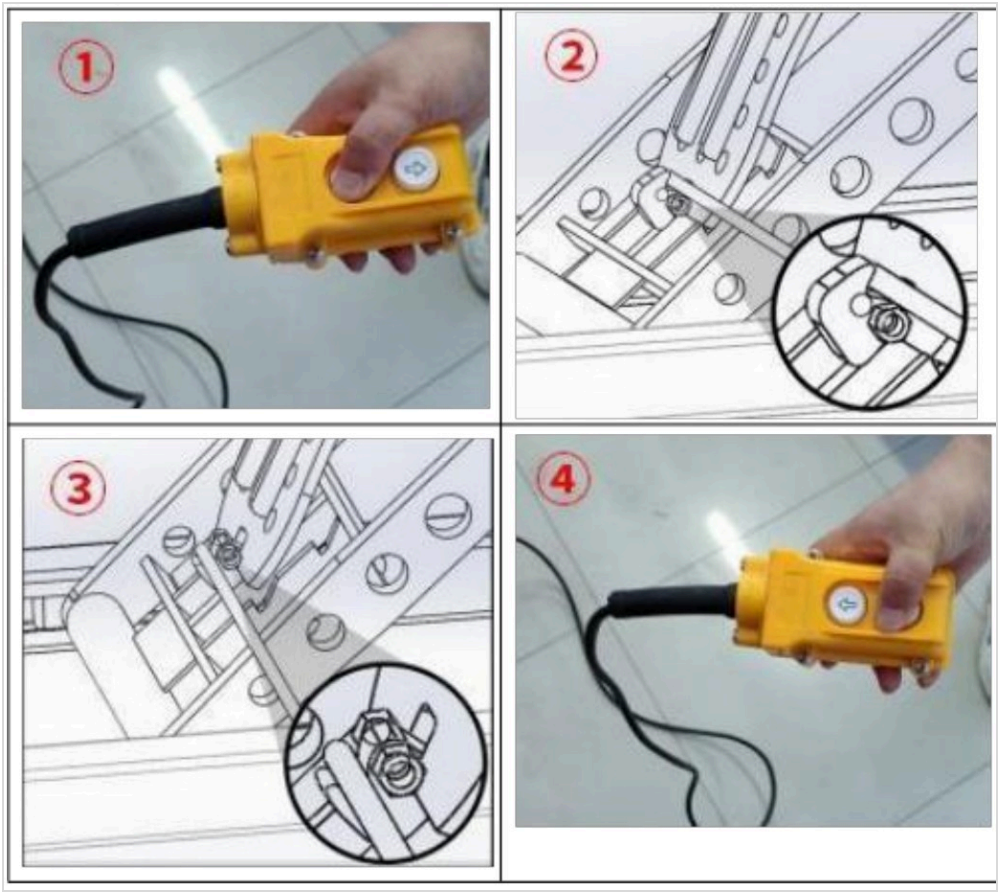
LOWERING THE VEHICLE

> **⚠ WARNING**
>
> Before lowering, make sure the lock bars are sitting correctly on their rails. A lock bar that has been knocked sideways can catch and stop the lift from lowering evenly.

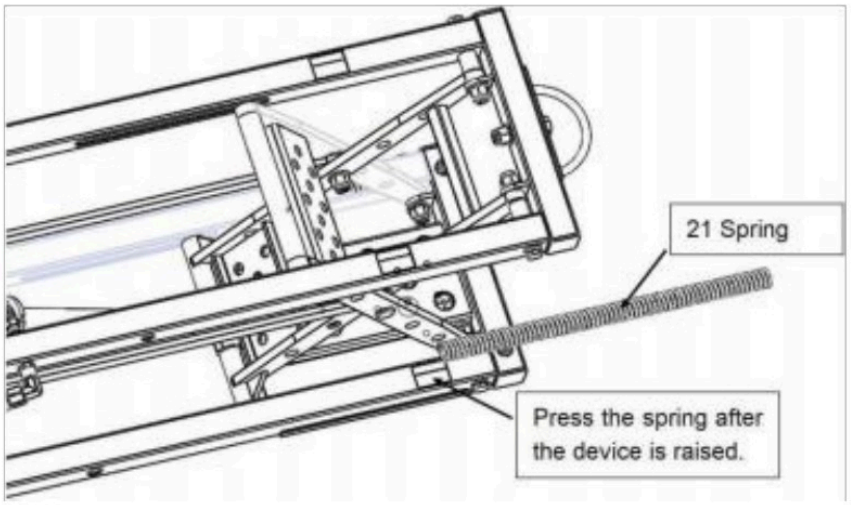
1. Clear tools, equipment and people from under the vehicle.
2. Press **UP** briefly to lift the frames off the locks.
3. Release the locks on both frames: lift the lock rod with a tool (or press the release spring) so the lock bar clears the lock teeth.
4. Press and hold **DOWN**. Watch both ends — the lift must come down evenly. **If either side lowers unevenly, stop immediately** and correct the problem.

5 When the frames reach the floor, **keep holding DOWN for a few seconds**. This returns as much oil as possible to the tank and relieves pressure in the hoses.

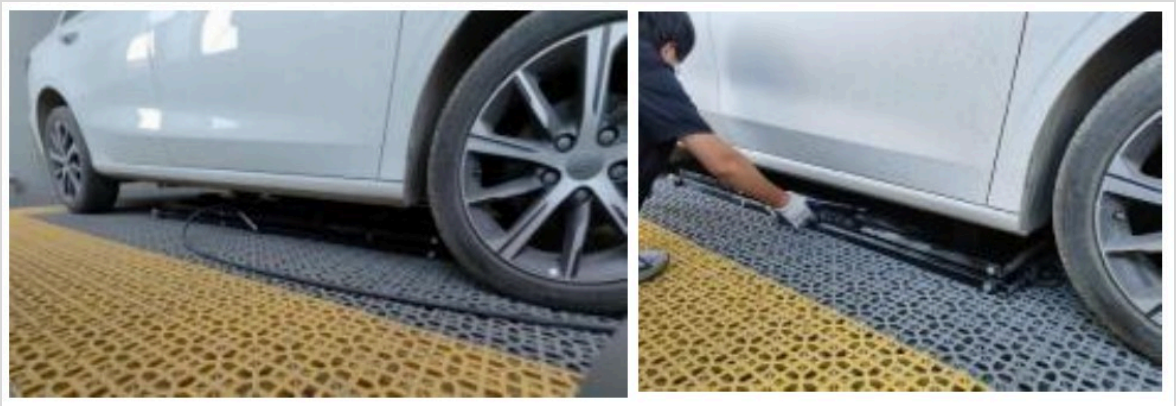
6 Slide the frames out from under the vehicle. Do not drive over the hoses when moving the vehicle away.



① Press UP to lift off the locks · ② Lift the lock rod · ③ Lock bar clear of the teeth · ④ Press DOWN to lower



Lock release spring (part 21). Press the spring after the lift is raised to release the lock.



With the lift fully lowered, slide the frames out from under the vehicle.

GOOD HABITS

- Inspect the lift before each use. If you find damage or heavy wear, do not use it.
- Resting the lift on its highest lock position is the most stable way to support the vehicle.
- Keep couplers clean and capped when disconnected so dirt cannot enter the hydraulic system.
- When finished, lower the lift fully and return all parts to their stored position.

07 MAINTENANCE

> **NOTE**
> All maintenance must be done by qualified personnel with the lift fully lowered, unloaded and unplugged.

When	Task
Before every use	Inspect welds, frames, hoses, couplers and fittings for damage, leaks or wear. Check that the safety locks work and are not worn — **do not use the lift if a lock is damaged**. Check all bolts and pins are in place and secure.
Monthly	Grease all pivot points with lithium-based grease and check them for wear. Check the hydraulic oil level and top up with ISO VG 46 as needed. Check all warning and safety labels are present and readable. Contact Force Canada for replacements.
As needed	Replace the hydraulic oil if it is dirty, milky or contaminated. Keep the lift clean, and store it indoors and dry.

HYDRAULIC FITTINGS

- Use thread sealant or sealing tape sparingly. Trim loose tape ends so no tape or sealant can enter the hydraulic system — debris in the oil can block valves and cause failure.
- Follow the oil manufacturer's safety instructions when handling hydraulic oil.

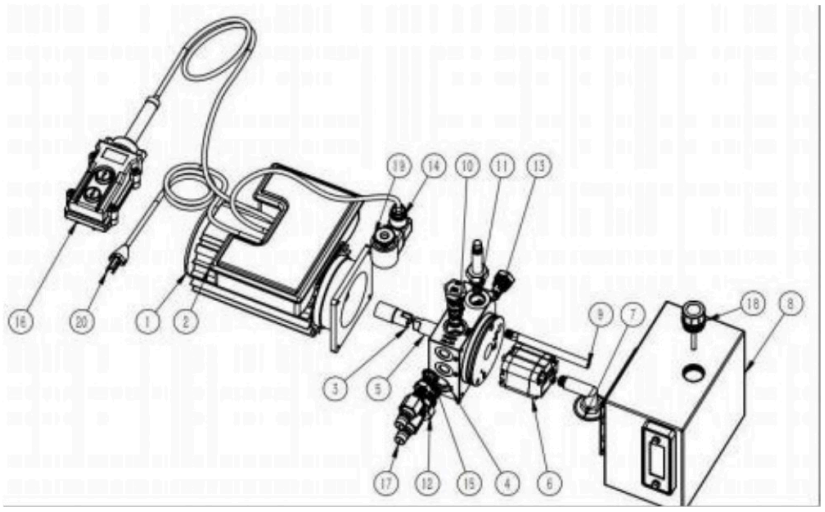
08 TROUBLESHOOTING

⚠ WARNING

If the lift does not work properly, stop using it until the problem is fixed. Repairs must be done by qualified personnel.

Problem	Possible cause and solution
Lift will not rise	Check hoses are fully connected, not pinched and not leaking. Check the oil level in the tank. Check the power supply is 120 V and the outlet is live. Bleed air from the pump (see Section 04, step 9).
Lift will not rise from its lowest position	The lift needs clearance under the vehicle to build force. Use taller lift blocks, or make sure the vehicle's wheels are on the ground before lowering fully.
Lift will not lower	The lift needs weight on it to lower. Check the locks are fully released.
Stuck at full height with no load	The empty lift was raised too high. Put weight on the frames to bring it down. Never raise the empty lift to full height.
Pump runs but no pressure / cannot hold pressure	Low oil or air in the system — top up and bleed. If it continues, the pump or valves need service; contact Force Canada.
Lift slowly drifts down without pressing DOWN	The lift is not resting on its locks. Always lower onto the locks — the hydraulic system alone will slowly bleed down.
Quick couplers get harder to connect	Pressure is trapped in the hoses. After the frames reach the floor, hold DOWN for a few seconds to return oil to the tank. If it is still too hard to connect, contact Force Canada.
Oil is dirty or contaminated	Drain and replace with clean ISO VG 46 hydraulic oil.
Stiff or noisy movement	Grease the pivot points (see Section 07).

09 POWER UNIT PARTS & WIRING

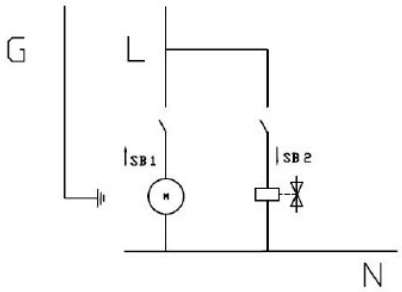


No.	Part	Qty	No.	Part	Qty
1	Motor	1	12	Release (unloading) valve	1
2	Control box	1	13	One-way throttle valve	1
3	Motor coupling	1	14	Solenoid valve	1
4	Valve block	1	15	Seal ring	2
5	Gear pump drive shaft	1	16	Pendant remote control	1
6	Gear pump	1	17	Quick coupler	2
7	Suction filter pipe	1	18	Tank filler cap	1
8	Oil tank	1	19	Fitting	1
9	Oil return line	1	20	Power plug	1
10	Flow control valve	1	21	Lock release spring	2
11	Shut-off valve	1			

WIRING DIAGRAM

L = line · N = neutral · G = ground
SB1 = UP button (motor) · SB2 = DOWN button (solenoid valve)

The filler plug is sealed for shipping to prevent oil spills; it is the breather and must be in place during use.



10 WARRANTY & SUPPORT

LIMITED WARRANTY

Force Canada warrants this lift against defects in materials and workmanship for **one (1) year on parts** from the date of purchase. **Your Force Canada invoice is your proof of warranty** — keep it in a safe place.

HOW TO MAKE A CLAIM

1. Stop using the lift.
2. Send a clear **photo or video** of the problem, along with your invoice number and the lift serial number, to **info@forcecanada.ca**.
3. Our team will review your claim and, if approved, ship the replacement part to you.

THIS WARRANTY DOES NOT COVER

- Damage from misuse, abuse, overloading, accident, negligence or improper handling.
- Products modified or repaired by anyone not authorised by Force Canada.
- Failure to follow the instructions in this manual, including use on an unsuitable floor or with the wrong supply voltage.
- Normal wear items such as rubber lift blocks, hydraulic oil and paint.

Product appearance and specifications may change without notice as we continue to improve our equipment.

FORCE CANADA

Phone	**416-402-1990**
Email	**info@forcecanada.ca**
Web	**forcecanada.ca**
Warehouse	270 Rexdale Blvd, Etobicoke, ON M9W 1R2
Hours	Monday – Friday, 9 AM – 5 PM