

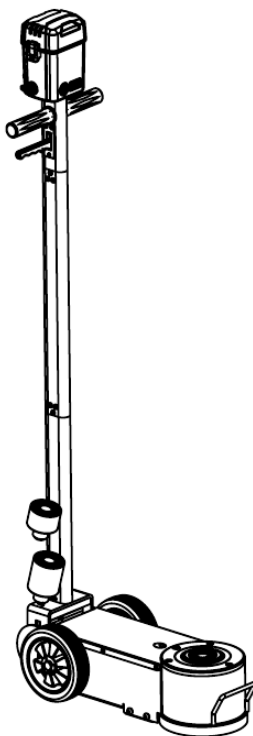
User manual

SE40-2EL

Battery-powered hydraulic jack

40 / 20 t

Before operating, installing, repairing, maintaining or replacing parts, carefully read and understand this manual. Keep it safely for future reference. Use only for lifting vehicles; install appropriate supports before working beneath the vehicle.



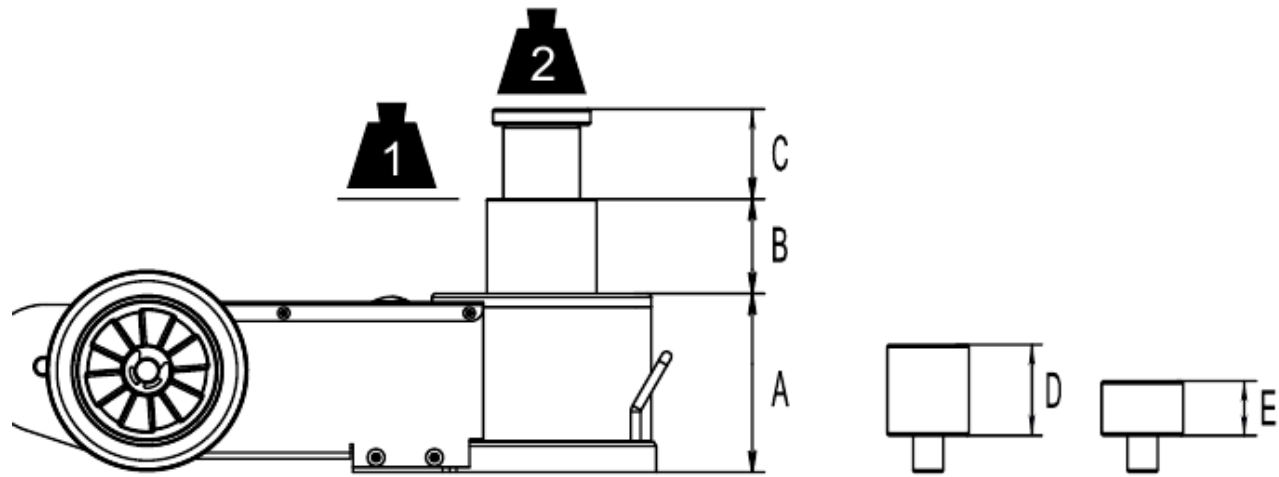
SE40-2EL-specific edition based on the supplied battery-jack manual. Data for other models and blank note pages have been omitted.

Safety instructions

1. Only trained operators or operators familiar with this manual may use the jack.
2. Do not exceed the rated capacity of the jack or its accessories, or the maximum stroke stated on the label.
3. Use only on hard, level ground with sufficient load-bearing capacity. Sloping or uneven ground can cause load movement or sideways slipping.
4. Before starting work, ensure nobody is inside the vehicle, switch off the engine and apply the parking brake.
5. Keep the lifting point centred on the saddle.
6. This is a lifting device only. Do not work beneath the vehicle until appropriate supports are in place.
7. Do not modify the jack. Never alter the safety valve.
8. Use only lithium battery packs approved by the manufacturer. Do not modify the power module yourself.
9. Check battery charge before lifting. Do not lift when fewer than two bars are displayed.
10. For safety, turn off the main power switch after lifting.
11. Failure to follow these instructions may cause injury or damage to the jack or vehicle. The manufacturer is not liable for improper use or resulting vehicle damage.

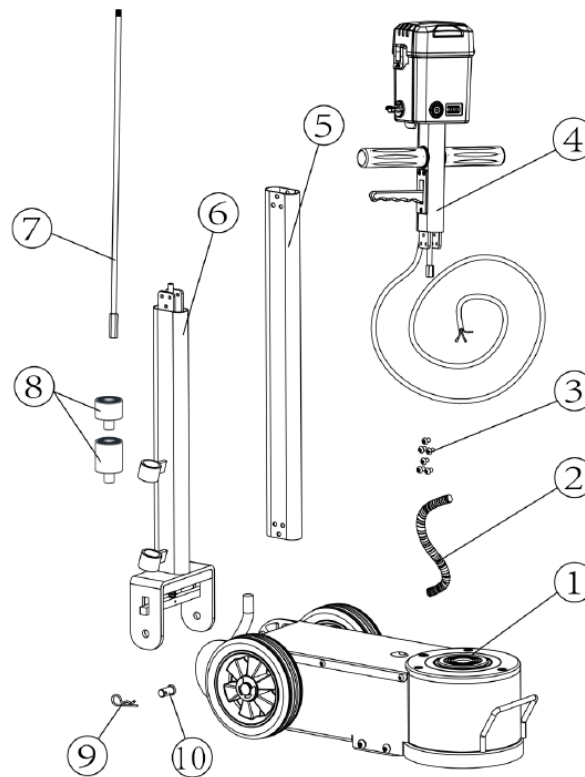
Technical specifications

Capacity stage 1 / stage 2	40 t / 20 t
A - Minimum height on rating plate	150 mm
B - Stage 1 stroke	78 mm
C - Stage 2 stroke	70 mm
D / E - Adaptors	45 mm / 75 mm



Letters and item numbers correspond to the original drawings.

Components and supplied parts

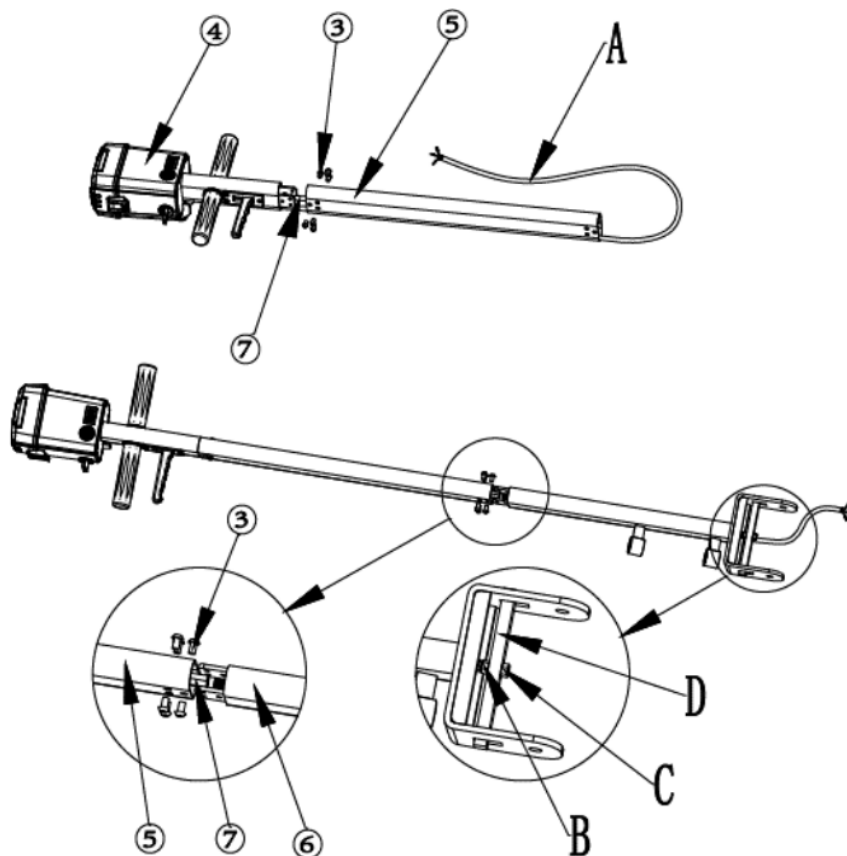


- 1 - Jack body: 1
- 2 - Cable-protection bellows: 1
- 3 - Round-head hex-socket screws: 12
- 4 - Electronic control tube: 1
- 5 - Connecting tube: 1
- 6 - Handle-position linkage: 1
- 7 - Connecting rod: 1
- 8 - Adaptors: 2
- 9 - R-shaped retaining clips: 2
- 10 - Pins: 2

Assembly 1/2

1. Screw and tighten one threaded end of connecting rod (7) into the centre-rod nut of electronic control tube (4). Insert rod (7) and power cable A into connecting tube (5). Secure with round-head hex-socket screws (3).
2. Push the lower locking rod D of linkage (6) upwards. At the joint between (5) and (6), align the nut at the other end of rod (7) with the centre-rod thread of (6). Tighten lower nut C of linkage (6), then tighten nut B to lock rod D. Secure (5) and (6) with screws (3).

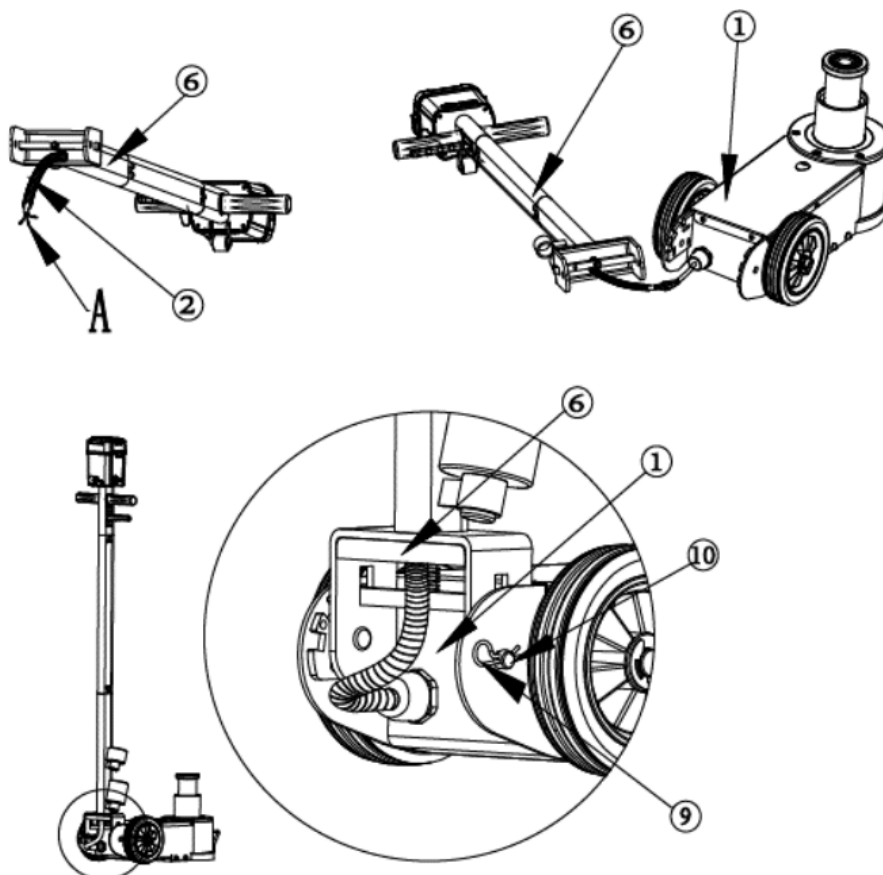
nut D to lock gear bar D, and fix (5) with round head hex socket screws (3).



Letters and item numbers correspond to the original drawings.

Assembly 2/2

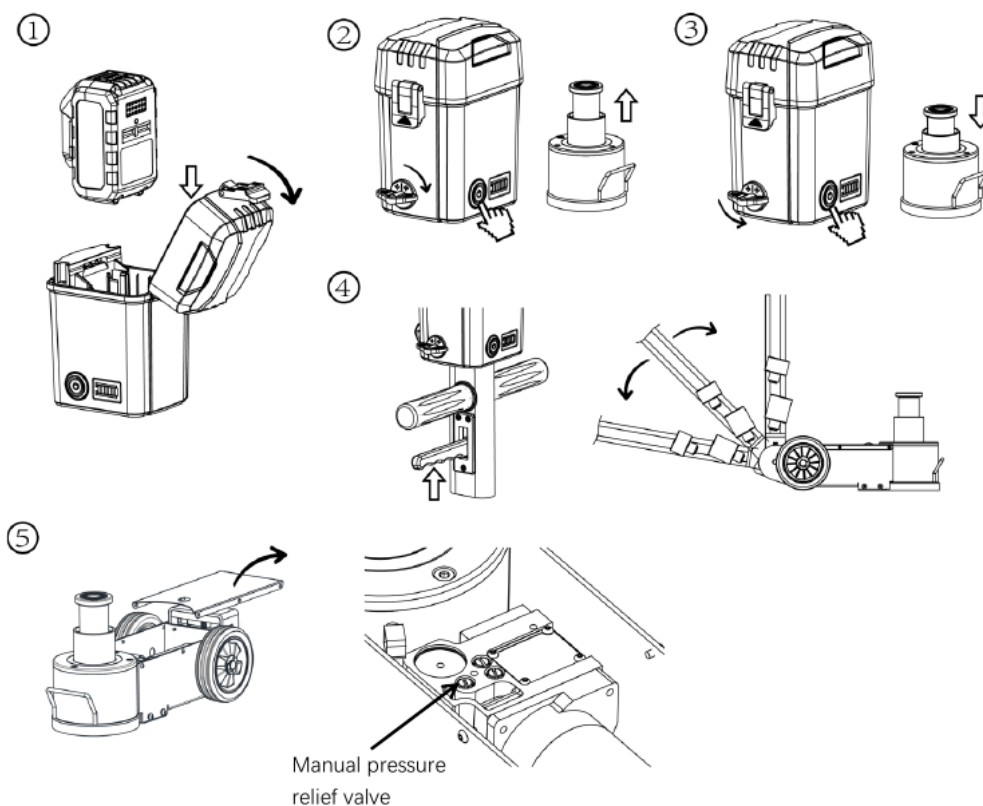
3. Feed the remaining power cable A through bellows (2) until the connector is exposed.
4. Connect the handle cable to the jack-body cable. Slide the bellows (2) over the connection to protect all wires. Secure its front end firmly in the cable opening at the rear of the jack body.
5. Align the holes on both sides of the bottom of the handle with those at the rear of the jack body. Secure with pins (10) and R-shaped clips (9), as illustrated.



Letters and item numbers correspond to the original drawings.

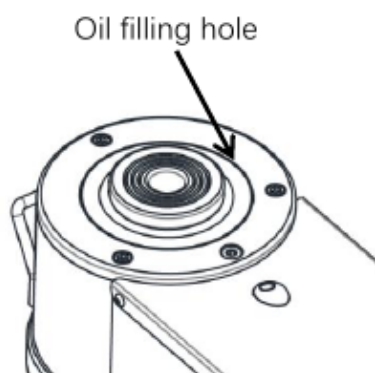
Operation

1. Install the battery: open the battery compartment cover, insert the lithium battery pack and close the cover.
2. Lift: press the main power switch and turn the rotary switch clockwise.
3. Lower: press the main power switch and turn the rotary switch anticlockwise.
4. Adjust handle position: pull the grip upwards and select the required locking position.
5. Manual pressure release: open the tank cover and turn the manual pressure relief valve anticlockwise with a flat-blade screwdriver. If the battery is depleted while the jack is loaded, follow the separate procedure under Troubleshooting.



Maintenance

1. Check daily for oil leaks, deformation, damage and other abnormalities.
2. Lubricate moving parts regularly.
3. Use ISO VG 15 or ISO VG 22 hydraulic oil, or equivalent hydraulic oil. Do not use brake fluid.
4. Oil volume for SE40-2EL: 1.05 litres. The illustration identifies the filling opening for this version.
5. Have qualified personnel regularly inspect wheel wear, seal leakage, safety-valve operation and all safety labels. Labels must remain intact and clearly readable.
6. Stop using any jack with damage, wear or abnormal operation until repaired. Subject to the manufacturer's or supplier's approval, repairs by their authorised service centre are recommended.
7. Use only accessories and adaptors supplied by the manufacturer.



Oil filling hole: hydraulic oil filling opening.

Troubleshooting

LED work light flashes

LED temperature is too high. Switch off and allow to cool.

Power indicator flashes

The jack is overloaded. Use a higher-capacity jack.

The jack cannot lift the load

Open the tank cover and check that the manual pressure relief valve is closed.

Battery depleted after lifting; pressure cannot be released

Fit a charged spare battery and then lower. Alternatively, take over the load with other suitable jacks, remove the affected jack, and only then release its pressure manually.

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