

» *probrake*

Installation Manual

Brake & clutch lever

Model: TEC2



probrake.de

General Safety Instructions for installing probrake Brake & Clutch Levers



Installing brake and clutch levers requires technical understanding and solid mechanical skills. Improper installation can lead to serious accidents and damage to the motorcycle. Please observe the following safety instructions:

Before Installation

- Tools: Use only the recommended, appropriate tools.
- Know-how: Perform the installation only if you have sufficient knowledge.
- Questions or issues: Contact a workshop with appropriately qualified personnel.
- Stability: Secure the motorcycle on a paddock/maintenance stand so it is stable.
- Read first: Read this manual carefully and completely before starting.

During Installation

- Torque: Tighten all screws to the specified torque values.
- Inspect parts: Check all components for damage before installing.
- No force: Work precisely and never force components.

After Installation

- Safety check: Verify the secure fit of all screws and components.
- Steering movement: Full steering lock must be smooth and unobstructed.
- Free play & smooth operation: Adjust the brake and clutch levers so they operate freely and without play in every setting/position.
- Test ride: Perform a careful test ride and watch for irregularities.

General Notes

- Brake & clutch levers are safety-relevant components — incorrect installation can lead to brake failure!
- probrake levers are adjustable. Ride defensively and attentively at first, and regularly check secure fit and free movement of all parts.
- Replace damaged parts immediately; otherwise proper function cannot be guaranteed. Any manipulation such as welding, soldering, bending, or drilling the levers is prohibited.
- probrake GmbH assumes no liability or warranty for any damage resulting from combinations with accessories not tested by probrake, from improper installation, or from insufficient maintenance.



ABE – General Operating Permit (Germany)

- The ABE (General Operating Permit) must always be carried with the vehicle in Germany.
- Observe all notes, information, and stipulations in the ABE.
- The ABE is valid only for the listed models and only if all stipulations are observed.
- For vehicles not listed, an entry in the registration documents is required.
- Outside Germany, different legal regulations may apply.

Scope of Delivery (per side)

1. Lever body, Part 1
2. Lever body, Part 2
3. Length adjuster
4. Lever adjuster
5. Adapter, brake side (vehicle-specific)
6. Adapter, clutch side (vehicle-specific)
7. ABE (General Operating Permit)



Installation Notes – probrake Brake & Clutch Levers

Removing the OEM Levers

- To remove the original brake or clutch lever, loosen the fastening bolt and, if applicable, the locknut or retaining ring according to the service manual.
- On some models, the sleeves must be pressed out of the old lever to remove the piston actuation and spring. OEM bushings or sleeves are usually reused in the new lever adapter.
- Be careful when removing the brake lever: the brake-light switch can be delicate, especially when plastic parts are used. Ensure that no micro switches or springs are lost.

Installing the probrake Levers

- The levers are pre-assembled with vehicle-specific adapters.
- Install the probrake levers in the reverse order of removal.
- Please also observe any separate, vehicle-specific installation notes.
- Hydraulic fitting: If necessary, check and adjust the pressure piston's sniffing action according to the specifications of the vehicle manufacturer.
- Cable-operated clutch: Release the clutch cable, remove the old lever, install and tighten the new lever. Re-hook the cable, check function, and set free play to 2–3 mm or as specified in the service manual

Installation Checks

- After completing the work, check all components and screws for secure fit, correct function, free movement, and smooth operation.
- Verify the free rotation of the front wheel and proper function of the brake system. Also check clutch adjustment and function, and the correct operation of switches at brake and clutch.
- Check the lighting system, especially the brake light, and any micro switches in all lever settings.
- We recommend practicing in a safe area (not on public roads) to become familiar with the various adjustment options.
- Perform functional checks of brake, clutch, throttle, lighting, and horn.
- Observe all stipulations of the operating permit (ABE).
- After the test ride, re-check all screws, lines, and moving parts, and verify all electrical functions.



Nm

The following must be observed during installation

- Central screw (pivot): tighten to 6 Nm (factory setting).
- Fixing screw for length adjustment: tighten to 3 Nm.
- Threadlocker: apply liquid threadlocker to all screw connections.
- Always comply with the vehicle manufacturer's torque specifications for all fastening screws.

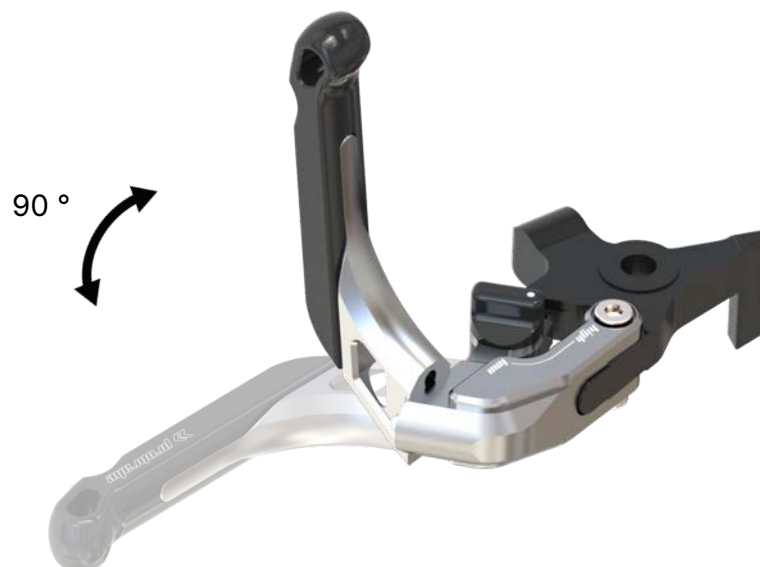
Reach, Length & Folding Function

Figure A



Continuously adjustable lever length: approx. 5 cm to 8 cm (see Fig. A/B).

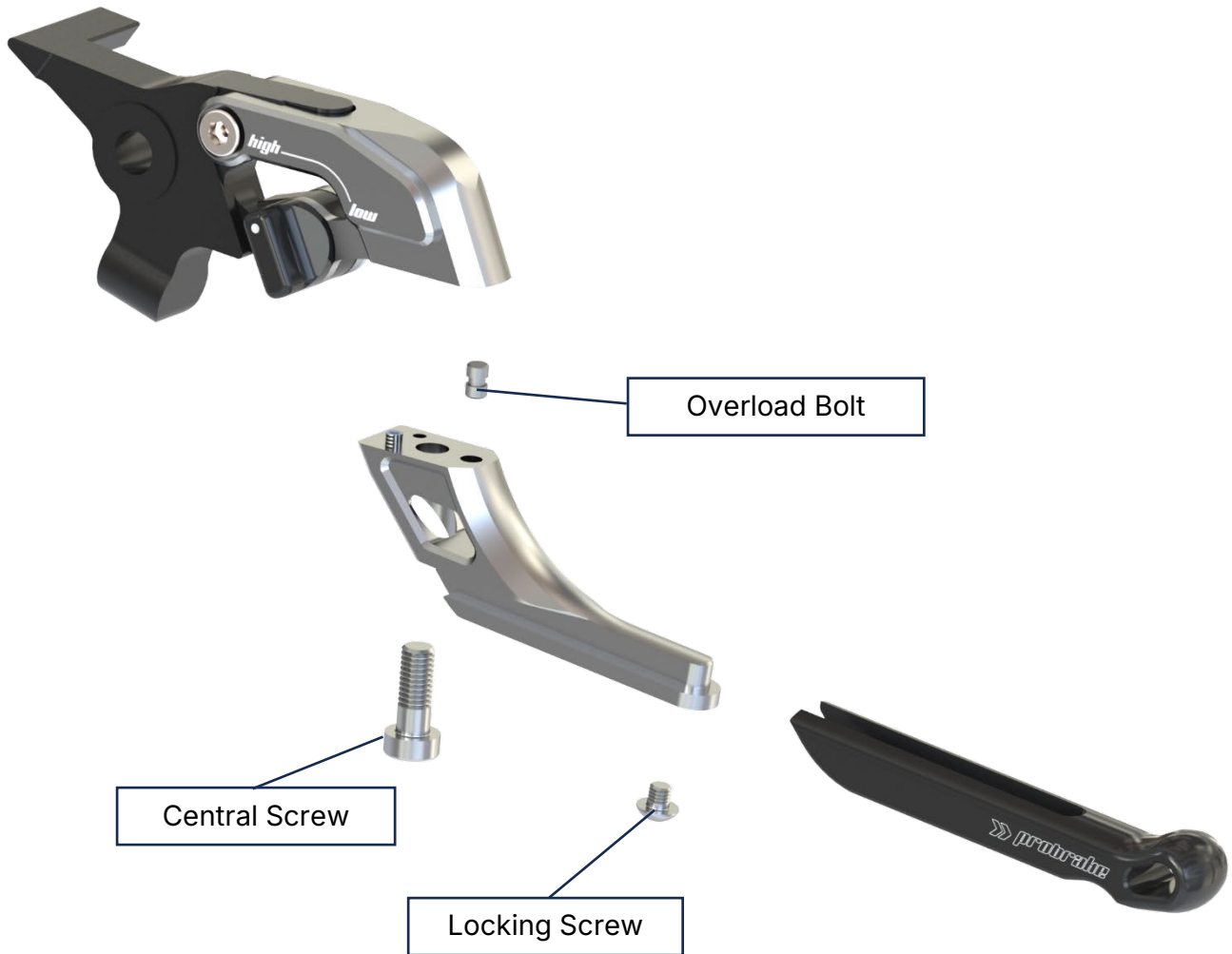
Figure B



Integrated safety folding function with additional predetermined breaking point (overload bolt): In the event of a tip-over or minor crash, the lever can fold in a defined manner to help prevent breakage and maintain rideability.

Mounting Positions

Figure C



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