

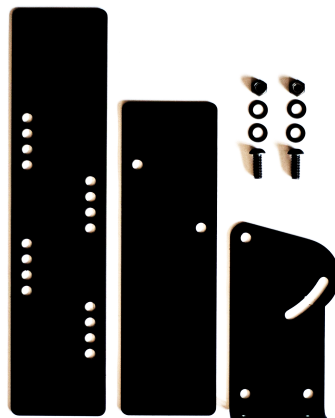
MSUK compliant Timing Strut - Installation Guide

Thank you for purchasing this Timing Strut. The following instructions will help you install and adjust your strut correctly for MSUK Hillclimb and Sprint events.

The strut is constructed from 1.5mm thick aluminium, providing strength while remaining lightweight at only 154g. The material will not rust, and all holes are designed to suit M6 hardware. The assembly allows both tilt and height adjustment to accommodate a wide range of vehicle setups.

Contents:

- 1x Strut plate
- 1x Cover plate
- 1x Mounting bracket
- 2x M6 hex Screws
- 2x M6 Nyloc nuts
- 4x M6 Washers



NCR 11.1 Timing Struts – Where timing is activated by a light beam, vehicles must be fitted at the front with a vertical timing strut minimum vertical height 254 mm, the bottom of which shall be not less than 180 mm and no more than 200 mm from the ground. The strut will be matt black on both sides over its total area, not less than 254 mm by 51 mm. No other, or further forward, part of the vehicle may interrupt these dimensions or actuate the timing.

Instructions:

1. **Identify a suitable mounting location** The center of the mounting bracket must be between 240 mm and 400 mm from the ground. The leading edge of the strut must be the foremost part of the vehicle.
2. **Fix the mounting bracket** The 90° bend allows mounting to either the front or side of a surface (e.g. number plate or bumper). Holes accept M6 hardware. Mounting hardware for mounting to the vehicle is not supplied
3. **Attach the strut and cover plates** For this use the supplied M6 hardware (2x nuts and screws). The screws have a 4mm hex head and the nuts are 10mm. Ensure the bottom edge of the strut is between 180 mm and 200 mm from the ground. There are 14 adjustment positions over a range of 140 mm. Both plates can be rotated 180° to fine-tune height alignment. Ensure the cover plate does not overhang the strut plate
4. **Tilt adjustment** The mounting bracket slider allows up to $\pm 15^\circ$ of tilt to ensure the strut is positioned perpendicular to the ground. The notch on the slider indicates 0°.

If you have any questions or need assistance, please contact me via Ebay messages

