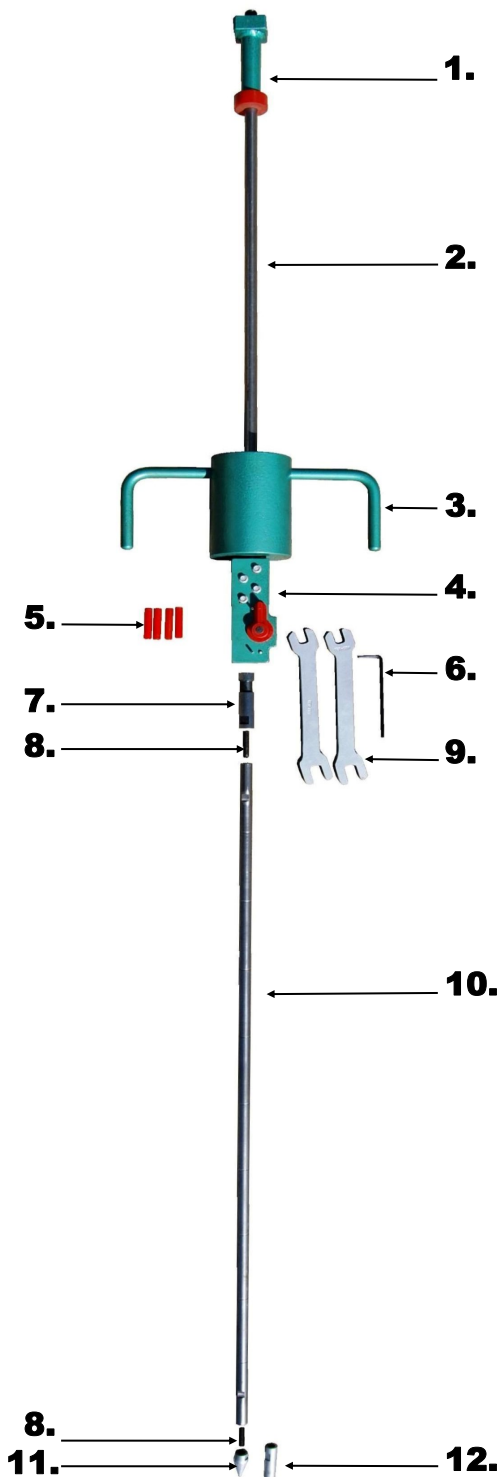


## Dynamic Cone Penetrometer Spare Parts List

Standard: AS1289.6.3.2



The Dynamic Cone Penetrometer (DCP) is used for the determination of resistance of soils to the penetration of a steel cone of 30 degrees angle driven with a 9 kg mass, dropping 510mm.

**This** unique DCP design features a special quick release Anvil mechanism virtually eliminating break-ages at this point. The Anvil incorporates field replaceable Shear Pins to reduce wear and tear of the DCP components, and also as a safeguard to avoid a back hammering effect, which can adversely affect test results

A feature of this DCP is the reversible top nut, which allows for conversion of the mass drop height to the Perth Penetrometer Standard for sands.

### PARTS KEY

- 1.** Reversible Top Nut
- 2.** Slide Bar
- 3.** Hammer
- 4.** Anvil Assembly
- 5.** Spare Set of Shear Pins (4)
- 6.** Long Series Allen Key
- 7.** Helmet
- 8.** Grub Screws
- 9.** Spanners to suit Rods and Helmet
- 10.** 1m Extension Rod (also available in 1.2 & 1.5m)
- 11.** Standard DCP Cone
- 12.** Perth Penetrometer Tip

A complete DCP unit comprises the upper Anvil/Hammer assembly, Rod "Helmet", 1x1m graduated Extension Rod, Cone, Grub Screws, a spare set of 4 Shear Pins, and 2 Spanners.