Measure

- Torque measuring tools are used in Research, Development, Inspection and Quality Control where there is a need to check torque settings. This type of tool can also be used in a servicing or Production environment to apply torque.
- Measuring Torque Tools feature a dial or digital readout and are available in screwdriver or wrench formats.

Apply

- Torque applying tools are used to apply a set torque to a fastener. The tool will **Click**, **Break** or **Slip** to signal to the operator when the set torque has been achieved.
- **Preset** tools are ideal for production areas where the same torque is applied repeatedly.
- **Calibrated Scale** tools are operator adjustable and are ideal for servicing applications where ease of adjustment is essential.

Calibrate

- **Mechanical** Analysers offer a low cost robust and easy to use device, designed to set and calibrate low range torque tools.
- **Digital** Analysers allow the user to download test results, test powered torque tools and reach higher torque values than are possible using mechanical analysers.
- Regular calibration to International Standards is vital to ensure that your torque equipment is operating at its peak performance.

GEDORE

TOOLS FOR LIFE

RTU 1, 4 & 14

Instructions Number P35830

Issue 1

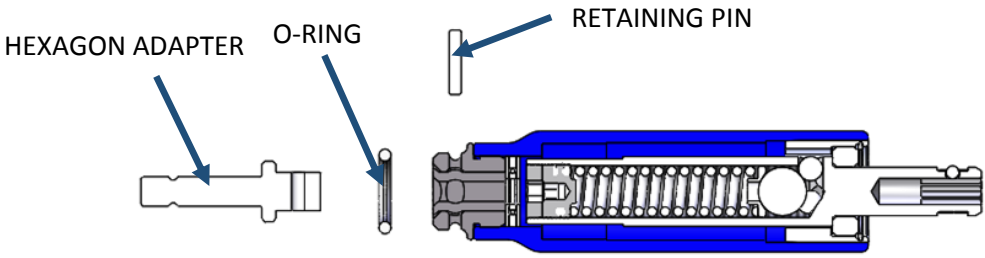
How to adjust your RTU

To check setting:

Use a Torque analyser

To adjust the torque setting:

1. Remove o-ring, retaining pin and hexagon adaptor.
2. Using of 5mm hexagon key, turn ANTICLOCKWISE to release.
3. Remove the 5mm hexagon key, and insert 4mm hexagon key.
4. Turn the 4mm hexagon key CLOCKWISE to INCREASE torque, or ANTI-CLOCKWISE to REDUCE the torque.
5. Remove 4mm hexagon key and check the torque setting on a suitable calibration device.
6. Insert 5mm hexagon key, and turn CLOCKWISE to lock off.
7. Replace hexagon adaptor, retaining pin and o-ring.



Servicing Information

Regular servicing of your Torque Tool by competent personnel is important to ensure it continues to perform correctly.

How to use and care for your RTU

Tool Specification:

Models:

	Range:	Maximum Speed:
RTU 1	0.1 – 1Nm	500 revs/min
RTU 4	0.6 – 4.5Nm	500 revs/min
RTU 14	2 – 14Nm	125 revs/min

Repeatability: +/- 6% of Torque Setting

ISO 6789 Class: Type 2, Class F

Calibration Period: Every 12 Months or 5000 cycles minimum

Mechanism: Slipping - Incorrect tightening is impossible

Safety & Maintenance

☑ This Torque Tool is a precision instrument and should be used for its intended purpose only

☑ Only hold the tool using the handgrip

☑ Always ensure that the tool is in correct alignment with the fastener

☑ Torque tools should be regularly calibrated and inspected to ensure correct operation

☑ Ensure the tool is clean and free from oil, grease and water before use

☒ Never dip into cleaning fluid or petroleum