
FAQ FOR SCREW RUN DOWN ADAPTERS

Q1. What is a Screw Run Down Adapter (RDA)?

A1. It is a joint simulator used for testing power tools. It is used in conjunction with a torque analyzer or reaction torque sensor.

Q2. Can the Screw RDA used with any torque analyzer or sensor?

A2. The Screw RDA is only compatible with an EZ-TorQ torque analyzer.

Q3. What type of tool is an Screw RDA used for testing?

A3. The device is for testing electric and pneumatic power tools.

Q4. What is an Screw RDA designed to provide when testing a power tool?

A4. Screw run adapter is designed to provide run down simulation for a “hard joint” application. It is designed to provide consistent and reliable torque readings when testing power-driven torque control tools. The RDA reduces the impact and irregular peaks that cause poor repeatability.

Q5. How is an Screw RDA used when testing a power tool?

A5. The run down adapter is mounted in-line between the tool drive and the transducer of a EZ-TorQ torque analyzer.

Q6. Do I use an Screw RDA when calibrating or testing a hand screwdriver or torque wrench?

A6. No, it cannot be used for testing a hand screwdriver or torque wrench.

Q7. Can an Screw RDA be used for both CW and CCW direction when testing a power tool?

A7. The Screw RDA operates in a clockwise direction only. After each run down, the RDA should be completely backed up.

Q8. What is a torque verification program?

A8. It is a quality control process to test and validate if a tool is still in or out of calibration. Conducting a daily or weekly torque verification allows you to monitor tool performance and identify when it drifts out of tolerance.

