

Slip-Torq Torque Limiter

CAUTION: DO NOT USE IMPACT DRIVER.
 Intermittent and relatively slow speeds up to 250 RPM are okay.

STATEMENT OF PERFORMANCE EXPECTATION

Within any given model, the desired setting must be achieved by the user when presetting each tool.

The design of the locking plate does not allow infinite adjustment. Within each 360 degrees of adjustment, only a certain number of locking points are possible. Check the tool for the closest point to the desired release point. If the locking plate will not "seat" in the tool, turn the adjusting nut either slightly CW (increasing torque release) or CCW (decreasing torque release). The direction of that small adjustment is best determined by whether a minimum torque or maximum torque is desired.

The standard Slip-Torq tool is designed to be used as a torque limiter in either the CW or CCW direction.

When the torque release setting is established in either direction, CCW or CW, the user may expect repeatability from release-to-release within $\pm 5\%$ of setting. Generally, however, as you approach the mid-range or higher of any particular model, the repeatability percentage from release-to-release will improve.

- Models 38A-1, 38B-2, 12A-1 and 12B-2 have 12 releases in 360 degrees (every 30 degrees).
- Model 12D-2 has 18 releases (every 20 degrees).
- Model 12E-2 has 24 releases (every 15 degrees).

Calibration Procedure

1. Attach any torque indicator to output stub (2) and determine present torque setting while holding the body (1) or vice versa.
2. Remove snap ring (3) and locking plate (4).
3. Adjust nut (5) with an open-end wrench CW to increase torque, CCW to decrease torque.
4. Obtain new torque reading with a torque indicator.
Repeat preceding step if further adjustment is necessary.
5. Replace locking plate and snap ring. Recheck.

