

Instruction Manual

45-8447

PL12-UT01

08/23/2011

Utica®

TS & TT Series Torque Limiting Screwdrivers



TS-30



TS-SN-1



TT-SN-1



TT-1

Standard Models					
Model No.	Torque Range				Hex Drive
	in.-oz.	in.-lb.	Nm	cm-kg	
Adjustable Models (US Standard)					
TS-100	20-100				1/4 Female
TS-30		6.0-30			1/4 Female
TS-35		6.0-35			1/4 Female
Adjustable Model (Metric)					
TS-3M			0.7-3.5		1/4 Female
Preset Models					
TS-SN-1	20-150	1.25-9.38	0.14-1.06	1.44-10.81	1/4 Female
TS-SN-2	128-640	8.0-40	0.9-4.52	9.22-46.1	1/4 Female

Miniature Models					
Model No.	Torque Range				Drive
	in.-oz.	in.-lb.	Nm	cm-kg	
Adjustable Model (US Standard)					
TT-1	5.0-20				Universal
Preset Model					
TT-SN-1	5.0-30		0.04-0.21	0.36-2.16	Universal

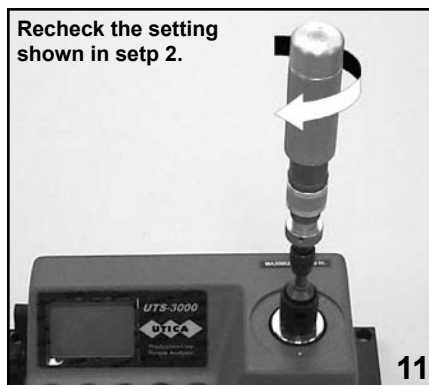
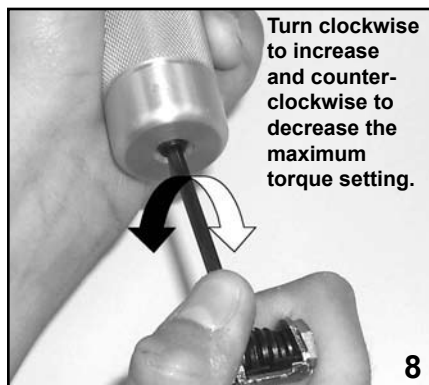
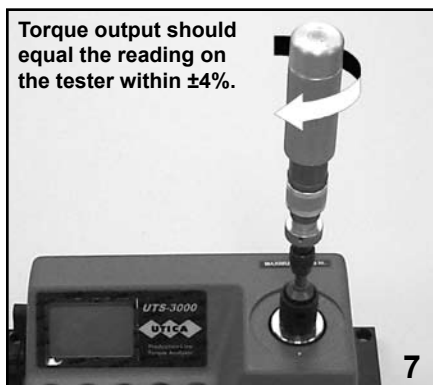
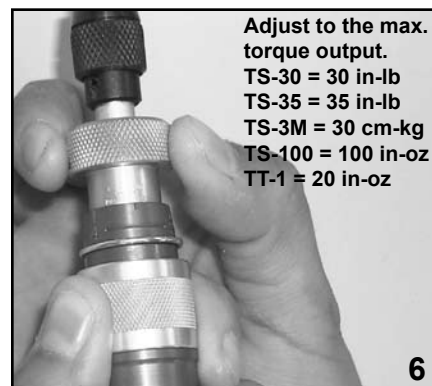
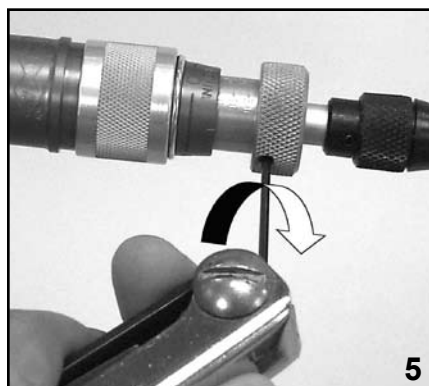
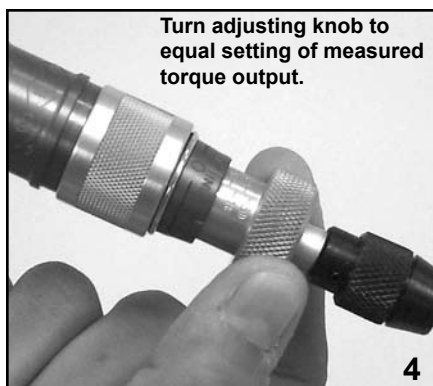
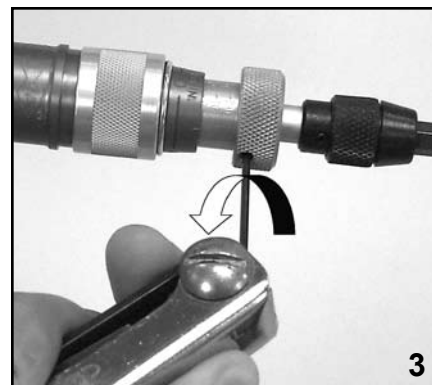
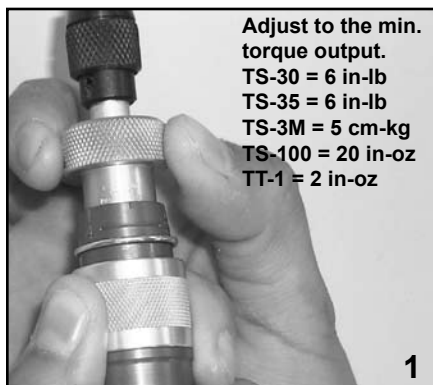
For additional product information visit our website at <http://www.apextoolgroup.com>

Utica® Torque Limiting Screwdrivers



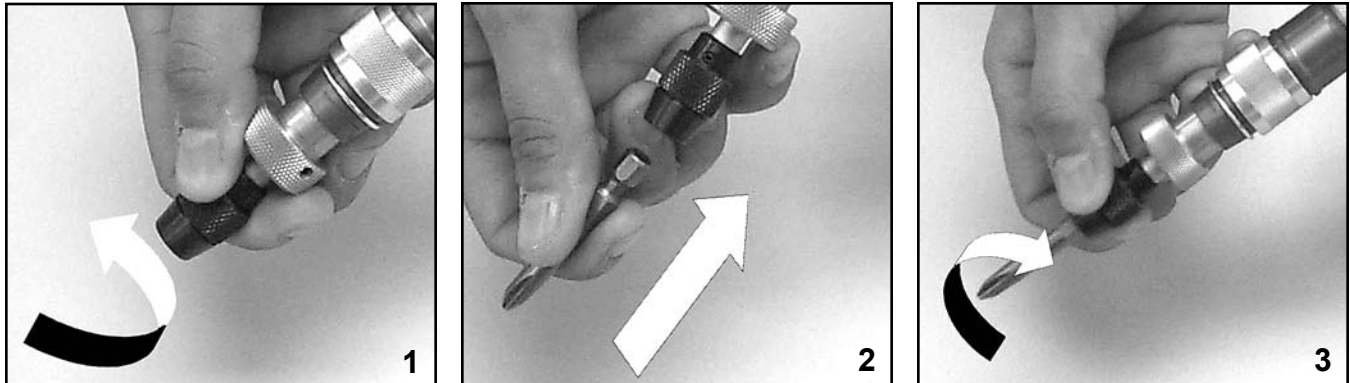
Recalibration of the Utica Adjustable Torque Screwdrivers

Proper calibration equipment is required to ensure accuracy!

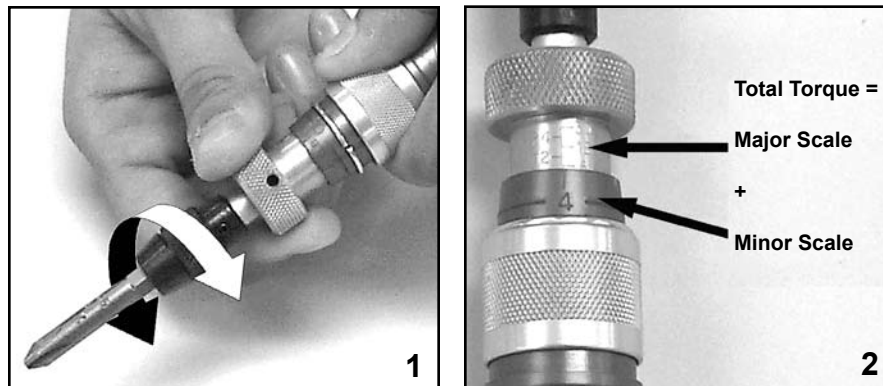


For Torque Certification, return to the nearest sales and service center.

Inserting and Removing Bits



Setting the Torque



Recalibration of the Utica Adjustable Torque Screwdrivers

Proper calibration equipment is required to ensure accuracy!



1. Check the screwdriver on the torque tester to compare the readings of the tester to the desired setting of the screwdriver.
2. To make adjustments, loosen the setscrew with a .035" hex key. With the right thumb and forefinger, turn the adjusting screw in a counterclockwise direction until it stops. Then in a clockwise direction, turn it one full revolution.
3. Attach the screwdriver to the torque tester with a 1/16" hex key. Adjust screw clockwise or counterclockwise to obtain a reading of approximately 10 in-oz on the torque tester when actuating the screwdriver.
4. The torque setting should now be made by turning the adjusting screw clockwise (right hand) to increase the torque value and counterclockwise to decrease the torque value. Actuate the screwdriver on the tester drive and observe the readings of each revolution. Continue adjustments and checking until the desired setting is achieved.

Note: In some cases it may be necessary to make an additional small adjustment to the adjusting screw. Refer to Step 3.

5. Tighten the setscrew to lock the adjusting screw.

Note: This torque screwdriver is a precision instrument and should be carefully handled, used and stored. If the unit is dropped or subjected to abnormal handling or impact it should be checked on a Torque Tester before using.

Sales & Service Centers

Note: All locations may not service all products. Please contact the nearest Sales & Service Center for the appropriate facility to handle your service requirements.

Dallas, TX
**Apex Tool Group
Sales & Service Center**
1470 Post & Paddock
Grand Prairie, TX 75050
Tel: 972-641-9563
Fax: 972-641-9674

Detroit, MI
**Apex Tool Group
Sales & Service Center**
2630 Superior Court
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Fax: 713-849-2047

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Apex Tool Group
670 Industrial Drive
Lexington, SC 29072
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Fax: 803-358-7681

Los Angeles, CA
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Fax: 562-802-1718

Seattle, WA
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