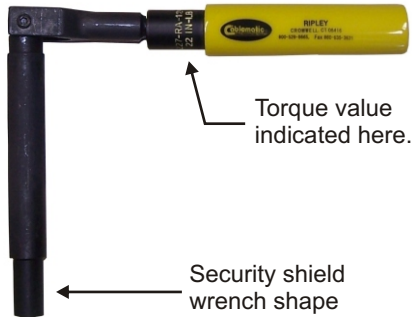


TW-RA Instruction Sheet

(Torque Wrench - Right Angle)

Warning: Never use this tool on live electrical circuits; it is not insulated against electrical shock. Always use OSHA/ANSI or other industry approved eye protection when using tools. This is not to be used for purposes other than intended. Please read and understand instructions before operating this tool.



The *Cablematic* TW-RA series of torque wrenches combines a reliable, pre-set, break away torque setting with a security shield wrench together in one tool.

Ensure that the proper torque rating is being used for your particular application. The torque wrench has the torque rating stamped on the tool body. This tool torques in the clockwise direction only.

Features:

- Combines the features of the *Cablematic* TW click type torque wrench with a security shield wrench.
- Available in pre-set torque (see table below).
- Designed for use with 7/16" 'F' connectors.
- Convenient right angle pivot wrench.

OPERATING INSTRUCTIONS

For Connector Assembly:

1. Install the shield on the tap port. Use tool to thread connector on the port finger tight. The handle can be pivoted away for ease.
2. Pivot wrench handle, so it is at a right angle like photo above. Rotate clockwise. You will hear and feel a "click" in the handle when the wrench reaches the pre-set torque level. At this point the connector is properly torqued on the tap port. **CAUTION:** Do not continue rotating after the "click". This will increase the applied force and damage the connector and/or the wrench.

For Connector Removal:

1. Place wrench on the connector and rotate counter-clockwise until the connector loosens and continue to remove it with the tool. **Note:** The wrench may "click" during this sequence to overcome the breakaway force of the tightened connector. This is acceptable. However, if excessive force is used, damage will occur to the connector and/or wrench.

Model	Part No.	Torque set		Wrench size	
		In-lbs	(N-m)	Inch	(mm)
TW 227 RA-120 mm*	43225	22	(2.49)	7/16	(11.1)
TW 307 RA	43235	30	(3.39)	7/16	(11.1)

Part number explanation. For example model number TW-307RA: The first two numbers (30) indicate the torque value in inch pounds. The 7 indicates 7/16 wrench size.

* This model is made with an extended security tool wrench that measures 120mm (4.7") from the yoke to the wrench end. Standard wrench length is 2.47"

WARRANTY: The Ripley Company warrants that our line of tools are free of defect and fully operable at the time of shipment. The warranty is limited to the repair or replacement of any product which proves to be defective in material or workmanship, under normal use and service.



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