

# TSW-4550

## Torque Spanner Wrench

**Warning!** This tool should not be used on live electrical circuits. It is not protected against electrical shock! Always use OSHA/ANSI/CE or other industry approved eye protection when using tools. This tool is not to be used for purposes other than intended. Read carefully and understand instructions before using this tool.

**Note:** This tool has been specifically designed for 600 Amp Separable Connector Systems.



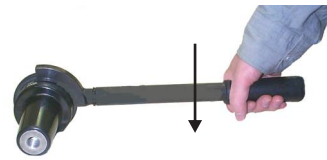
### FEATURES AND BENEFITS

- Preset torque setting of 50-60 ft-lb
- Provides quick and easy installation of:
  - Connector Plugs
  - Reducing Tap Plugs
  - Reducing Wells
- Prevents over-tightening which could lead to premature failures
- Prevents under-tightening leading to loose connections
- Eliminates the need for an external torque wrench
- Eliminates the need for wrench length calculations
- Long spanner prong prevents wrench slippage
- Contact a certified lab for torque re-calibration

### OPERATING INSTRUCTIONS



**Fig. 1**



**Fig. 2**

#### **Plug Installation:**

**Step 1.** Follow the manufacturers recommended procedures to install the plug.

**Step 2.** (Fig. 1) Place the TSW wrench on the plug body, mating the hole on the plug with the spanner pin (A) on the wrench.

**Step 3.** (Fig. 2) Holding the wrench by the grip and the ***grip only***, apply a slow and steady force clockwise until the clutch ratcheting is felt. An audible snapping will be heard, along with the clutch ratcheting of the tool. This will indicate the torque value of 50-60 ft-lb has been reached.

#### **Warning:**

- Trying to over torque may damage the wrench and/or plug.
- TSW-4550 is not insulated against electrical shock.
- Apply force by holding the grip only, using handle extensions (piece of pipe) or holding in another place other than the grip will result in loss of accuracy.
- The inside parts of the wrench do not require any service or maintenance, disassembling, or making any adjustments will result in loss of accuracy.
- Do not attempt to torque plugs that are already tightened, first loosen, then retighten.

WARRANTY: RIPLEY warrants its products against defective materials and workmanship for a period of one year from date of shipment from the RIPLEY factory provided the product is utilized in accordance with instructions and specified ratings.

