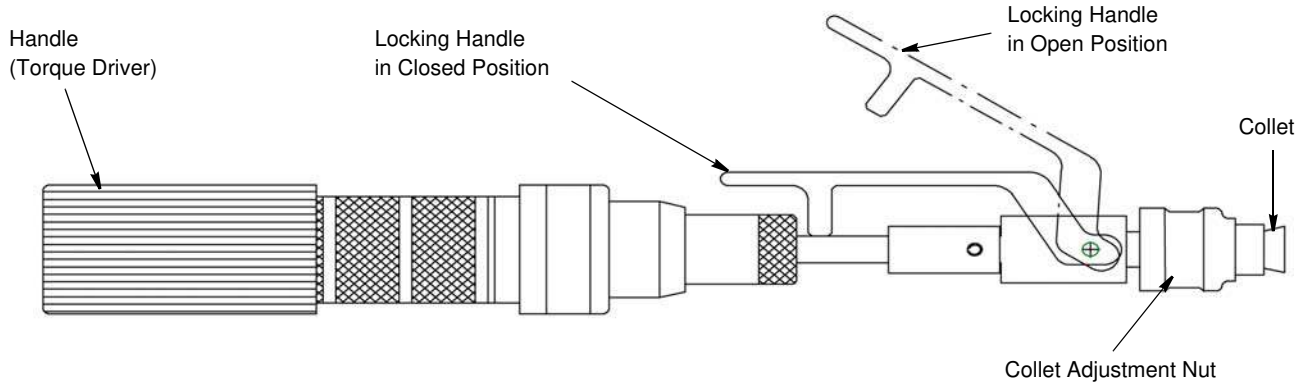


PROPER USE GUIDELINES

Cumulative Trauma Disorders can result from the prolonged use of manually powered hand tools. Hand tools are intended for occasional use and low volume applications. A wide selection of powered application equipment for extended-use, production operations is available.



TOOL			CONNECTOR TYPE	PRESET TORQUE
TE PART NUMBER	REVIOS PART NUMBER	DESCRIPTION		
1059773-1	4598-5014-54	Installation Tool	OSP Hermetic Plug Connector	18 In.-Lbs.
1059765-1	4598-3200-54	Replacement Head Assembly		

Figure 1

1. INTRODUCTION

Installation Tool 1059773-1 (Figure 1) is used to install and remove OSP Hermetic Plug Connectors. Figure 1 also lists the available replacement head that may be purchased from Tyco Electronics separately.

NOTE *Dimensions in this document are in metric units [with U.S. customary units in brackets], unless otherwise indicated.*

2. DESCRIPTION

Installation Tool 1059773-1 contains an adjustable handle that allows for torque settings between 6 in.-lbs. and 30 in.-lbs. This tool also contains a connector-specific head assembly.

Once the tool head is adjusted for the specific connector, the installation of multiple connectors is made easy with a quick-release locking handle.

A collet at the end of the assembly, holds the connector. A collet adjustment nut tightens the connector in the collet.

The locking handle is used to secure the hermetic style plug in place during installation, and release the hermetic style plug assembly after installation.

3. INSTALLATION AND REMOVAL

3.1. Installation

1. Place the hermetic plug connector in the collet.

NOTE *The connector should bottom on a stop within the collet.*

2. Once the connector is in place in the collet, move the locking handle to the closed position. This secures the connector in the tool.

CAUTION *Do not force the locking handle closed. If the handle does not easily close the collet tension may have to be adjusted.*

3. If necessary, turn the adjustment nut until the connector is held snugly in place.

NOTE *The collet adjusting nut is covered with a heat shrink tubing to help maintain adjustment.*

CAUTION *Damage to the connector may result if the collet is not properly adjusted.*

4. Holding the handle, turn the tool clockwise to thread the plug connector together.
5. Continue turning the handle (and connector) until the drive handle makes a "clicking" sound. This clicking sound is an indication that the proper torque has been reached.
6. Move the locking handle to the open position to release the connector.

3.2. Removal

1. Place the hermetic plug connector into the collet.



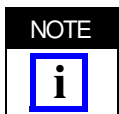
The connector should bottom on a stop within the collet.

2. Once the connector is in place in the collet, move the locking handle to the closed position. This secures the connector in the tool.



Do not force the locking handle closed. If the handle does not easily close the collet tension may have to be adjusted.

3. If necessary, turn the adjustment nut until the connector is held snugly in place.



The collet adjusting nut is covered with a heat shrink tubing to help maintain adjustment.



Damage to the connector may result if the collet is not properly adjusted.

4. Holding the handle, turn the tool counterclockwise to unthread the plug connector.
5. Move the locking handle to the open position to release the connector.

4. REPLACEMENT

The torque driver contains a 6.35 [.250] square drive which accepts the replacement head (shown in Figure 1).

1. Pull the head off the standard 6.35 [.250] square drive.
2. Snap the replacement head (Figure 1) onto the square drive.
3. Order replacements from your TE representative, or call 1-800-526-5142, or send a facsimile of your purchase order to 1-717-986-7605, or write to:

CUSTOMER SERVICE (038-035)
TYCO ELECTRONICS CORPORATION
PO BOX 3608
HARRISBURG PA 17105-3608

For tool repair service, please contact a representative at 1-800-526-5136.

5. REVISION SUMMARY

Since the previous release, the new company logo was applied.