

# THALES 25 [formerly RACAL 25] HAND HELD RADIO SIDE CONNECTOR RETROFIT INSTRUCTIONS

## RETROFIT KIT CONTENTS

The Side Connector Retrofit Kit, part number 1100586-501, contains the underlisted parts:

- Side Connector Insert, part number 4101639-501
  - Internal screw-down nut, part number 2401068-1
  - Two Philips screws, part number 79194-256-187-BLK
  - Two Metric screws M2 x 5\_BLK, part number 71101-2005-BLK
- See Note below**
- Retrofit Instructions



**Note** For Thales 25 4101256-501 and -503 units, use the metric screws

## BENEFITS OF THE RETROFIT

The side connector retrofit replaces the clip-on accessory attachment method with a more robust screw-down mechanism. The electrical interface is unchanged.

## REMOVING THE EXISTING SIDE CONNECTOR

1. Before removing the existing side connector, turn the radio OFF and remove the battery
2. Use a #0 Philips screwdriver to remove the two screws holding the side connector in place
3. Gently pry up either end of the side connector and remove it from the radio

## INSTALLING THE NEW SIDE CONNECTOR

1. Position the screw-down nut next to the side connector flex cable as shown in the center picture below
2. Make sure that the side connector flex cable stays flat. Insert the new side connector, aligning the screw-down nut in the larger hole and the two mounting holes with the studs on the radio
3. Insert the two Philips screws in the mounting holes and tighten. The screws are designed to hold firmly at a torque of 3 inch/lbs. Use the supplied metric screws for -501 and -503 radios. **DO NOT OVERTIGHTEN** – this will strip out the threads in the mounting holes and require that the radio be returned to the factory for repair



Part Number 1900254  
Thales Communications, Inc.