R900® Pit Endpoint Installation
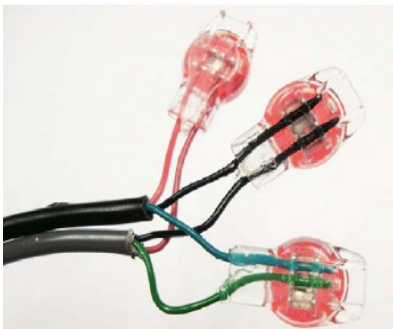
Installation Guidelines

Required Tools:
UR crimper
Wire strippers
20 inch-pounds torque wrench
R900® RF test device

Note: If existing endpoint is being replaced cut the wire from the old endpoint to the register leaving about two (2) feet of wire for splicing.

STEP 1
To connect the new endpoint, strip about one (1) inch of the black jacket from the end of the register wire. Attach the register wires and endpoint wires together by color using Scotchloks™.

STEP 2
Take the three (3) Scotchloks that have been crimped and insert them into the grease tube.

STEP 3
Remove the dust cover from the F-connector and place a small amount of Novagard gel from the included packet on the end of the connector.

STEP 4

Before connecting the F-connector make sure that the black rubber washer is secured to the endpoint applying Novagard around the rubber washer.

STEP 5

Use a torque wrench to connect the coaxial cable to the F-connector on the R900® endpoint. **Tighten it to no less than 20 inch-pounds of torque**.

STEP 6

Fill the plastic connector housing with the rest of the provided Novagard gel and connect it to the latch plate by pressing and turning a quarter turn.

STEP 7

Slide the black compression nut down the cable and hand tighten it to the threaded portion of the connector housing.

STEP 8

Verify activation using the RF test device or the NGO™ app. If colons are displayed, check the wire connection between the endpoint and register.