Installation Instructions
Scanner Connector, 90-degree

p/n 61-6610-1 for 45RM4 scanners
p/n 61-6530-1 for 45FS1 / 45UVFS1 scanners

1. Remove the scanner mounting flange

2. Remove the two Philips-head screws securing the lens and retainer assembly.

3. Remove the lens and retainer assembly, and the orange flange gasket.

4. Gently slide the electronics assembly out of the housing 1 ½” to access the internal wire connector on the printed circuit board.

5. Carefully unplug the internal wire connector from the electronics noting the color-code orientation of the wires, and then fully remove the electronics assembly from the scanner housing.

6. Loosen the locknut on the 90-degree connector, then unthread and remove the connector assembly.

7. Install the new 90-degree connector, and reassemble in reverse order. See important note below.

IMPORTANT NOTE: Make sure the internal wire connector is attached to the electronics in the proper orientation. Incorrect installation of the connector will damage the scanner.

**45RM4:** The internal connector is 8-pin, but only 4 pins are used. **The connector must be installed with the black and red wires facing the REAR of the scanner.**

**45FS1 / 45UVFS1:** The internal connector is 10-pin, but only 8 pins are used. **The connector must be installed with the black and red wires facing the FRONT of the scanner.**