

TECHNICAL BULLETIN

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MARK 2 AND XL-30 SCBA AND MARK 2 SAR REGULATOR QUICK CONNECT ADAPTER INSPECTION AND INSTALLATION PROCEDURES

This bulletin is to inform all users about additional procedures necessary to inspect and install the regulator quick connect adapters (SURVIVAIR part numbers 980077 or 941880) on all Mark 2 and XL-30 SCBA and Mark 2 SAR second stage regulators. (See Technical Bulletins #48 and #57 for additional information.) Adherence to these procedures will ensure proper operation of these items and prevent the regulator quick connect adapter from separating from the regulator.

Item 1 in the Inspection procedure described below may be performed by any user. All repairs, adjustments, or installation procedures described below must be performed by SURVIVAIR-certified technicians.

Inspection

1. Inspect the quick connect adapter [SURVIVAIR part numbers 980077 (non-NFPA; black) or 941880 (NFPA; red)] before each use. Verify tightness by attempting to loosen the quick connect adapter by hand, inserting your SURVIVAIR mask hose assembly into the quick connect adapter and turning counterclockwise.
2. If the quick connect adapter is loose, tighten the adapter using a torque wrench with a 1-7/16" 12-point socket (see Table 1 at the end of this Technical Bulletin) on the pin and nut assembly [SURVIVAIR part numbers 941779 (non-NFPA; black) or 941879 (NFPA; red)] or sleeve assembly [SURVIVAIR part numbers 980072 (non-NFPA; black) or 941872 (NFPA; red)] inserted into the quick connect adapter. Apply 60-75 in-lbs. of torque. This must be done before using the SCBA or supplied air respirator.

CAUTION

Do not over-torque. Damage to the component parts may result.

Installation

1. Screw the quick connect adapter clockwise onto the regulator threads.
2. Tighten the quick connect adapter using a torque wrench with a 1-7/16" 12-point socket (see Table 1 at the end of this Technical Bulletin) on the pin and nut assembly

[SURVIVAIR part number 941779 (non-NFPA; black) or 941879 (NFPA; red)] or sleeve assembly [SURVIVAIR part numbers 980072 (non-NFPA; black) or 941872 (NFPA; red)] inserted into the quick connect adapter. Apply 60-75 in-lbs. of torque.

CAUTION

Do not over-torque. Damage to the component parts may result.

3. Verify tightness by attempting to loosen the quick connect adapter counterclockwise by hand, with the pin and nut assembly [SURVIVAIR part number 941779 (non-NFPA; black) or 941879 (NFPA; red)] or sleeve assembly [SURVIVAIR part numbers 980072 (non-NFPA; black) or 941872 (NFPA; red)] inserted into the quick connect adapter as purchase. If installed correctly, the quick connect should not loosen.

TABLE 1
PIN AND NUT TORQUE WRENCH 1-7/16" 12-POINT SOCKET OPTIONS

Sears

<u>Description</u>	<u>Part Number</u>
Socket (³ / ₄ " drive)	9GT47781
Drive Adapter (³ / ₈ " x ¹ / ₂ "	9GT4258
Drive Adapter (¹ / ₂ " x ³ / ₄ "	9GT4271

Snap-On Tools

<u>Description</u>	<u>Part Number</u>
Socket (¹ / ₂ " drive)	SW461
Drive Adapter (³ / ₈ " x ¹ / ₂ "	A2

Proto

<u>Description</u>	<u>Part Number</u>
Socket (¹ / ₂ " drive)	5446
Drive Adapter (³ / ₈ " x ¹ / ₂ "	5253