INSTALLATION INSTRUCTIONS
RXRX-AP01 DISCONNECT SWITCH
For 7½, 8½, 10, 12½, 15, 17½, 20 AND 25 TON ROOFTOP

⚠ Recognize this symbol as an indication of Important Safety Information!

⚠ WARNING

THESE INSTRUCTIONS ARE INTENDED AS AN AID TO QUALIFIED SERVICE PERSONNEL FOR PROPER INSTALLATION, ADJUSTMENT, AND OPERATION OF THIS KIT. READ THESE INSTRUCTIONS THOROUGHLY BEFORE ATTEMPTING INSTALLATION, ADJUSTMENT, OR OPERATION. FAILURE TO FOLLOW THESE INSTRUCTIONS CAN RESULT IN IMPROPER INSTALLATION, ADJUSTMENT, SERVICE OR MAINTENANCE, POSSIBLY RESULTING IN FIRE, ELECTRICAL SHOCK, PROPERTY DAMAGE, PERSONAL INJURY, OR DEATH.

PARTS LIST		
DESCRIPTION	**PART NUMBER**	**QTY**
Disconnect Switch Assembly	42-42559-02	1
Screw (Hex Head) 10-16 x 7/8	63-42109-05	4
Wire Tie	64-17606-01	1
Label (On/Off)	92-42563-01	1
6 GA BLACK 14” Wire	AE-72749-21	3

TOOLS/SUPPLIES REQUIRED

A. 5/16” nut driver.

B. 6 mm Allen or hex key.

C. 3/16” Allen or hex key.

D. #2 Phillips screwdriver.

E. ¼” tip flat-blade screwdriver.

F. Box Cutter (to open packaging).

DISCONNECT SWITCH INSTALLATION PROCEDURE

A. Connect the 3 black wires to terminals T1, T2, T3 on the disconnect switch using a 6 mm Allen wrench. Tighten to the torque requirement listed on the disconnect switch or to 200 in.-lbf. in the absence of a listed torque.

B. Remove disconnect switch mounting hole cover plate and screws and discard.

C. Place actuator shaft through weather gasket.

D. Insert actuator shaft and weather gasket assembly onto disconnect switch.

E. Place cover plate over actuator shaft and on top of weather gasket.

F. Position assembly adjacent to panel with actuator shaft through large hole.

G. Insert and tighten through panel (4) screws 63-42109-05 into disconnect switch.

H. Place label over screws.

I. Position disconnect handle on actuator shaft and tighten set screw using #2 Phillips screwdriver.

J. For the 7 ½, 8 ½, 10, 12½, ton models, connect the (3) black wires to L1, L2, L3 on the compressor contactor indicated on the unit control box using a ¼” tip flat-blade screwdriver. Tighten to the torque requirement listed on the contactor or to 40 in.-lbf. in the absence of a listed torque.

K. For the 15, 17 ½, 20, and 25 ton models, connect the (3) black wires to L1, L2, L3 on the unit main terminal block TB1 using a 3/16” Allen or hex key. Tighten to the torque requirement listed on the terminal block or to 120 in.-lbf. in the absence of a listed torque.

L. Connect the line voltage supply wires to the disconnect switch terminals labeled L1, L2, L3 using a 6 mm Allen wrench. Tighten to the torque requirement listed on the disconnect switch or to 200 in.-lbf. in the absence of a listed torque.

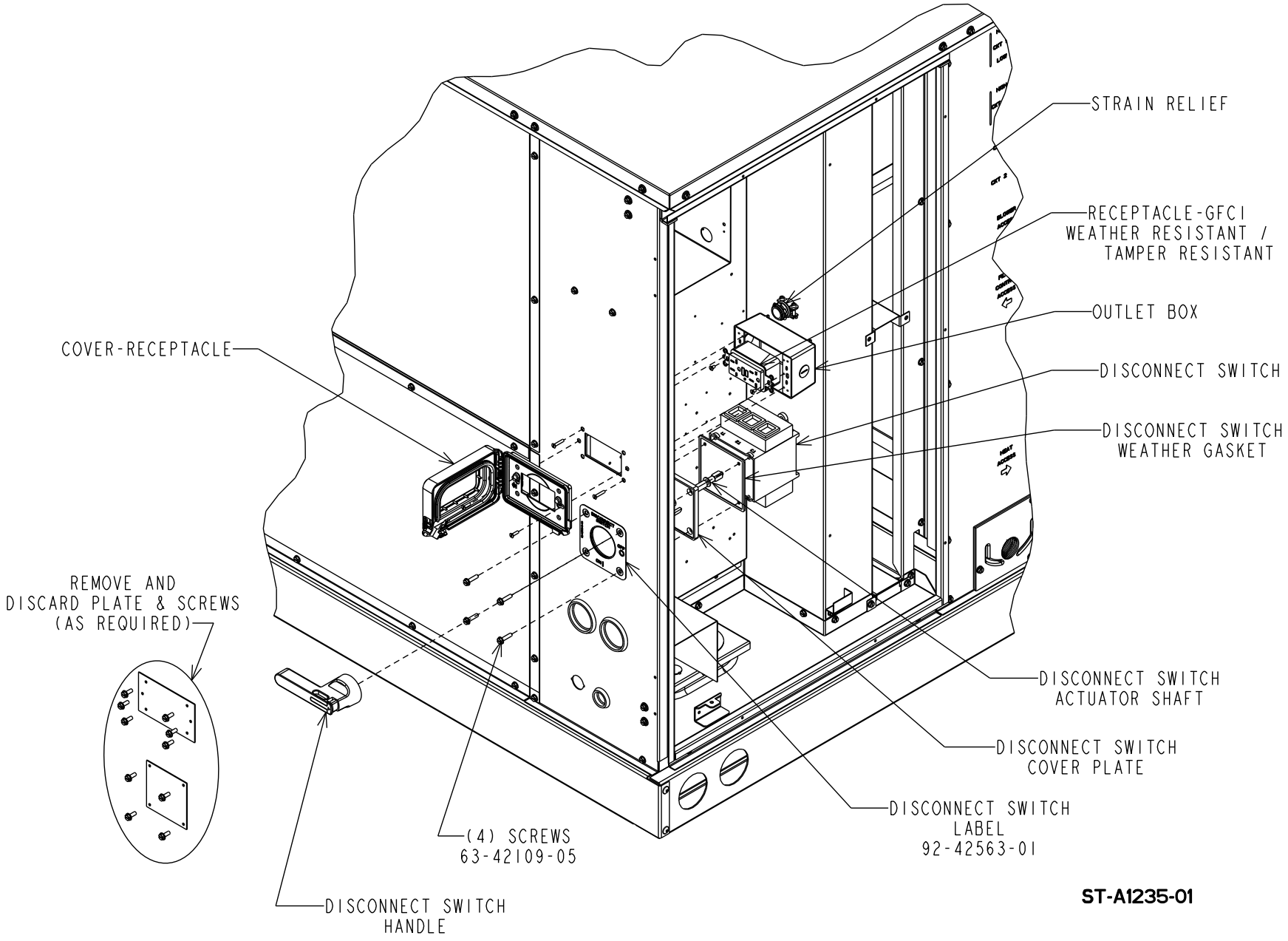


FIGURE 1

CM 1114