ASSEMBLY INSTRUCTIONS
TYPE A SHIELD TERMINATIONS

The following suggested procedure serves as a guide for proper assembly and installation of Glenair EMI/RFI Non-Environmental Backshells (Type A shield termination). It is recommended that trial samples of appropriate cables or harnesses be used to determine proper trim dimensions of the cable or harness, overall shield and individual conductors.

a. Temporarily assemble backshell (1) to connector.

b. Place ground rings (2,3) and strain relief (4) on cable in sequence shown. Keep these components at a convenient distance from the end of the cable, so they will not interfere with subsequent assembly steps.

c. Insert shielded cable or harness into backshell (1) and bottom against connector. Hold cable in position and mark cable shield at rear end of adapter.

d. Remove backshell from connector and place on cable with components in step (b) above.

e. Trim cable shield at mark made in step (c) above.

f. Prepare and terminate cable conductors in accordance with established practices.

g. Assemble backshell (1) to connector and tighten securely. Slide inner ground ring (2) into backshell (1) and bottom out.

h. Flare shield over tapered end of inner ground ring (2) and gently force cable toward connector until shield covers taper of ring.

i. Insert outer ground ring (3) into backshell (1) over shield.

j. Attach strain relief (4) to backshell and tighten securely. If provided, tighten strain relief saddles securely on cable.

NOTE: As with any electrical connector assembly procedure, be sure to use the proper tools. For convenient, reliable assembly of the connector and backshell, it is suggested that Glenair's connector holding tools, strap wrenches and connector pliers be used.