

DISCLAIMER:

The installation, maintenance, or removal of an antenna requires qualified, experienced personnel. You must refer to the appropriate local safety codes and ensure proper electrical and electromagnetic compatibility before proceeding with the installation. All local codes shall take precedence over information in this document. Antenna systems should be inspected once a year by qualified personnel to verify proper installation, maintenance, and condition of equipment. Communication Components Antennas Inc. disclaims any liability or responsibility for the results of improper or unsafe installation.

Fig. 1: Locating Radio, Radio Bracket and Radio Manifold Assembly on Antenna

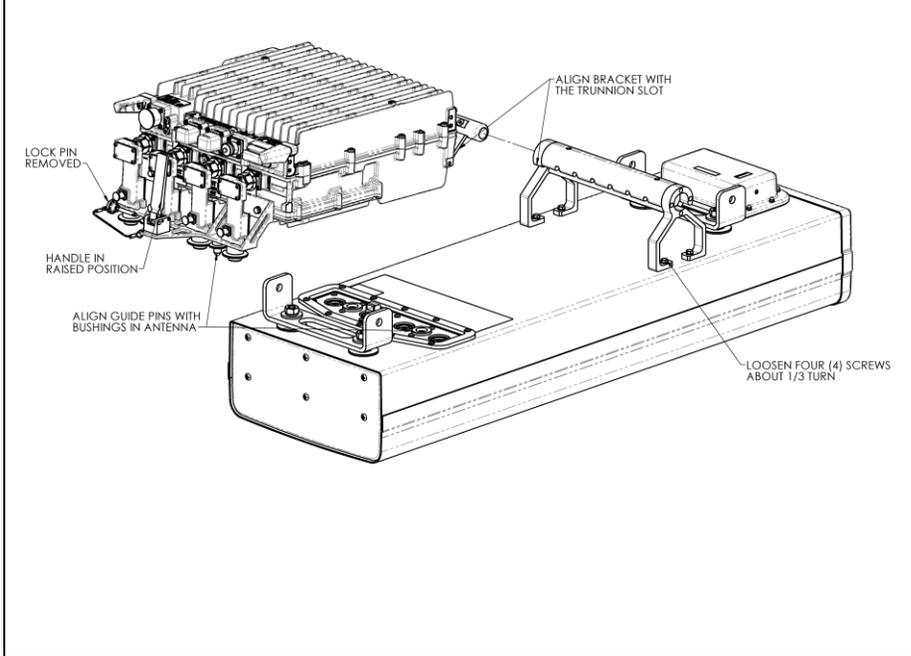
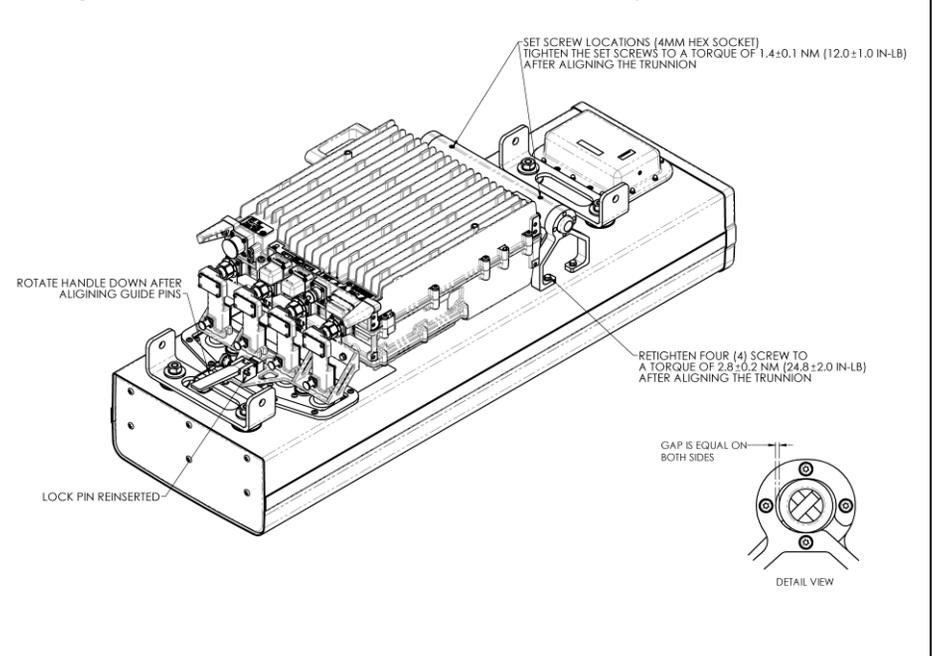


Fig. 2: Radio, Radio Bracket and Radio Manifold Assembly Installed on Antenna



Step	Task
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| 1 | Loosen the four bolts indicated to allow the trunnion to move. Clean the RF and AISG Connectors on the Antenna and the portion of the Manifold which connects to the Antenna per proper RF requirements prior to assembling the Radio Assembly and Antenna. Remove the Lock Pin from the Keeper Latch. Place the Radio/Bracket/Manifold subassembly over the Antenna assembly as shown in Fig. 1. Slide the Radio/Bracket/Manifold subassembly into the slot in the left trunnion bracket until it contacts the right trunnion bracket. Verify that the keeper latch is in the "Released" position and the connectors align before closing the radio/manifold to the antenna bucket connection. When the connectors are aligned, close the keeper latch (rotate the handle down) to secure the radio/manifold subassembly to the antenna subassembly, and insert the Lock Pin into the Keeper Latch. The radio/antenna assembly should appear as shown in Fig. 2 when complete. |
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Step	Task
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| 2 | Align the trunnion at each end per the Detail View and tighten the four bolts to a torque of 2.8 ± 2.0 Nm (24.8 ± 2.0 in-lb). Tighten the two set screws to 1.4 ± 0.1 Nm (12.0 ± 1.0 in-lb). |
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Note Any noticeable mis-alignment of connectors, etc. can be adjusted by loosening the bracket bolts to release any tension then re-tighten bolts. This should not be an issue, but the adjustment is there if needed. This should be checked with the antenna in a vertical orientation.