

1.2m Rear Brace Installation

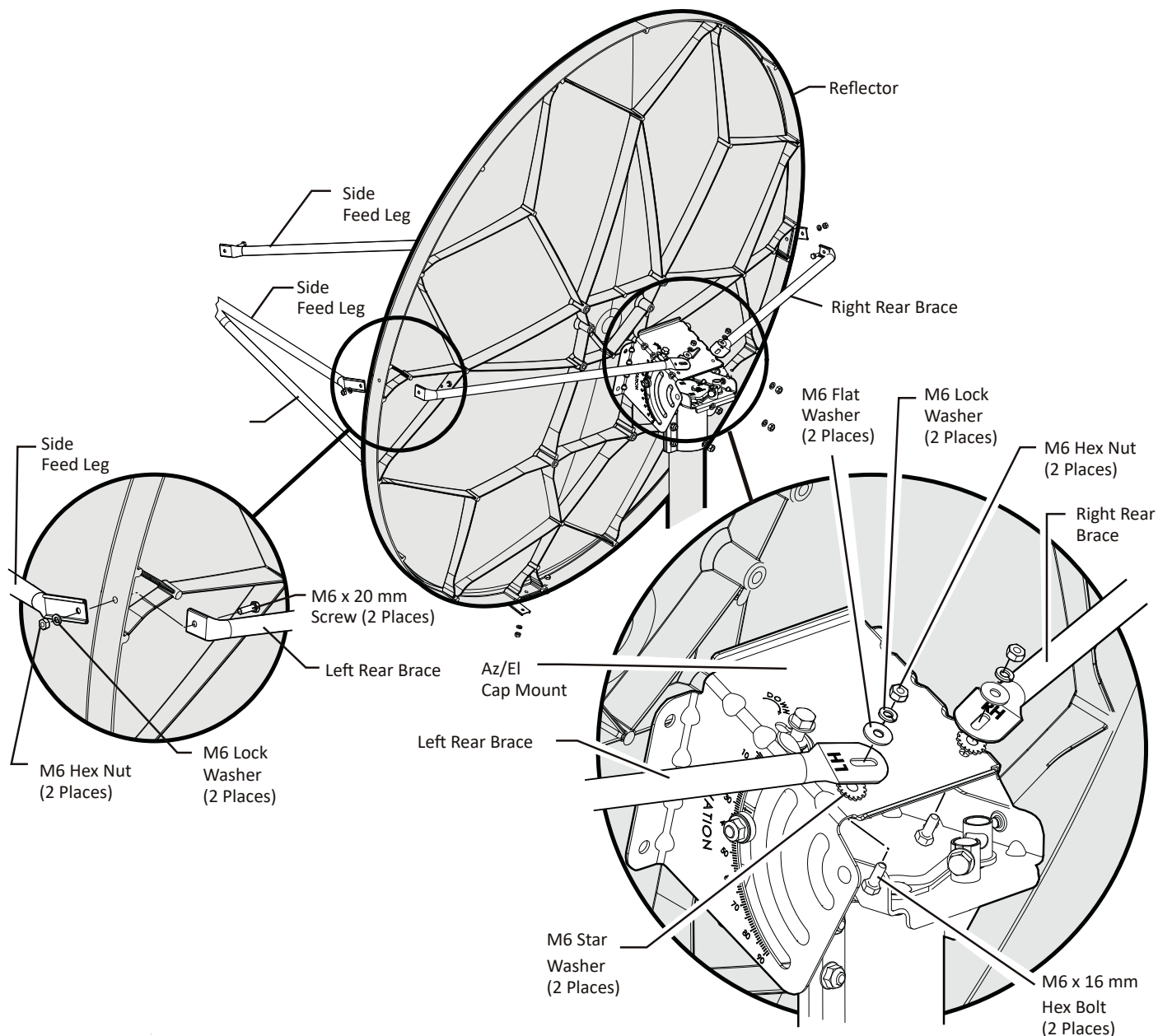
for Type 125, Type 1215, Type 1213 & Type 122 Antenna Systems

This instruction sheet supplements the feed leg assembly notes that are in Manual 8001014-01 & 8001030-01

Important: Perform these steps prior to completing feed leg installation (**page 4 of 8001014-01 for TYPE 125, TYPE 1215, TYPE 1213 & 8001030-01 for TYPE 122**)

1) The elevation angle on the az/el should be set to 5 degrees. Install Left Hand and Right Hand rear braces between the az/el cap mount and the sides of the reflector as shown. Secure the slotted end of each brace to the az/el mount with M6 x 16 mm screw, star washer, flat washer, lock washer, and nut. With this hardware loose, temporarily secure the reflector end of brace to the rim of the dish with M6 x 20 mm screw and nut. Tighten the reflector end hardware (snug tight only), and then tighten the az/el hardware fully at this time.

2) Proceed to feed leg installation as described in the main manual. Install the side legs first, by removing the nut and attaching the leg and securing with lock



PERIODIC INSPECTION & MAINTENANCE

To ensure peak performance of the antenna system and to maintain validity of the warranty, the user should perform a periodic inspection every 6 months or following any severe weather event, As a minimum the following items should be inspected.

1. Installation Mount

Check for loose hardware - tighten if necessary.
Check integrity of anchor bolts or hardware securing mount to the building or foundations
Check ballast of Non-Penetrating Roof Mounts - cracked or broken blocks must be replaced.
Check hardware and structural members for signs of corrosion - repair or replace as needed

2. Antenna Back Structure or Az/El Mount

Check for loose hardware - tighten if necessary.
Check for signs of structural damage such as bending or cracking
Check hardware and structural members for signs of corrosion - repair or replace as needed

3. Reflector

Check integrity of bolts securing reflector to back structure or az/el mount. Tighten any loose hardware.
Check for signs of damage such as cracking. Inspect reflector face for impact damage.
Check hardware for signs of corrosion - repair or replace as needed.

4. Feed Support Structure

Check for loose hardware - tighten if necessary.
Check for signs of structural damage such as bending. Check hardware and structural members for signs of corrosion - repair or replace as needed

5. Feed & RF Components

Check for loose hardware - tighten if necessary.
Check hardware for signs of corrosion - repair or replace as needed.
Check feed lens or window for damage or signs of leaking.
Check waveguide connections between feed and RF electronics

6. Electrical

Check for loose cables and connectors - tighten if necessary
Check for tight grounding connections
Check cables for weathering or cracks