

639850 Revision D, April 2021

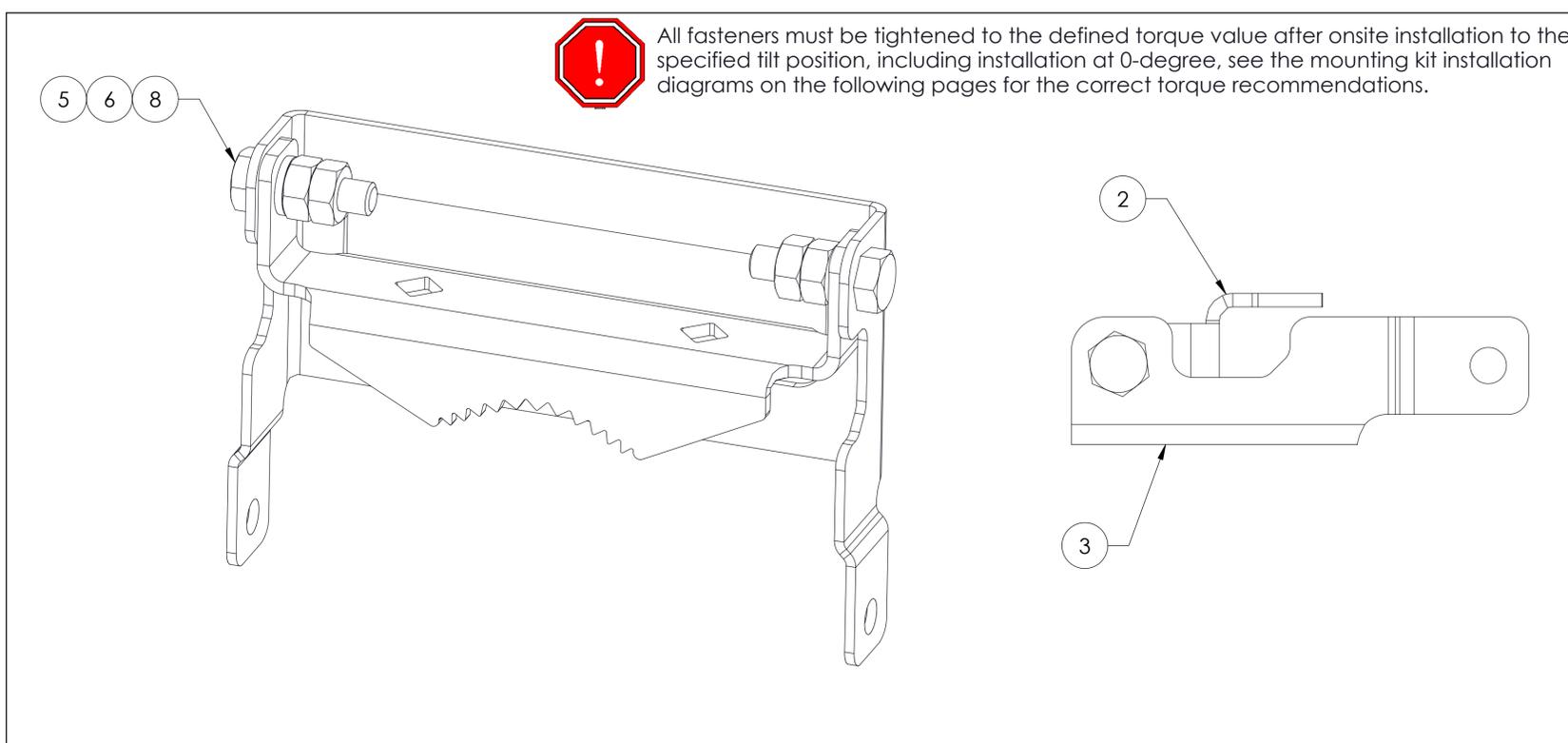
Light Weight Mounting Kits For Antennas

BSAMNT-LW is an antenna mount for cylindrical pipe installations [60-80 mm (2.4"-3.1") in diameter] for a CommScope antenna with a weight less than 26.0 kg (57.3 lbs).

This document provides the procedure for installing an antenna using a BSAMNT-LW mount kit. The BSAMNT-LW can only be used with antennas with two mount points.

ITEM NO.	DESCRIPTION	QUANTITY
1	PIPE CLAMP, LIGHT WEIGHT	2
2	MOUNT, PIPE CLAMP, LIGHT WEIGHT	2
3	TILT BRACKET, LIGHT WEIGHT	1
4	BOLT,CARRIAGE,M10X160,STL,GALV	4
5	NUT,HEX,M10,STL,GALV	20
6	WSHR,LK,SPLT,M10,STL,GALV	10
7	WSHR,FLT,M10,10.5X20X2,STL,GALV	4
8	SCR,HCS,HEX,M10X35,STL,GALV	6
9	TILT BRACKET, STIFFENER	1

Part Lists



Pre-assembly of Downtilt Brackets by Kit Vendor

SAFETY NOTICE

The installation, maintenance, or removal of an antenna requires qualified, experienced personnel. CommScope installation instructions are written for such installation personnel. Antenna systems should be inspected once a year by qualified personnel to verify proper installation, maintenance, and condition of equipment.

CommScope disclaims any liability or responsibility for the results of improper or unsafe installation practices.

It is recommended that transmit power be turned off when the field installation is performed. Follow all applicable safety precautions as shown on this page.



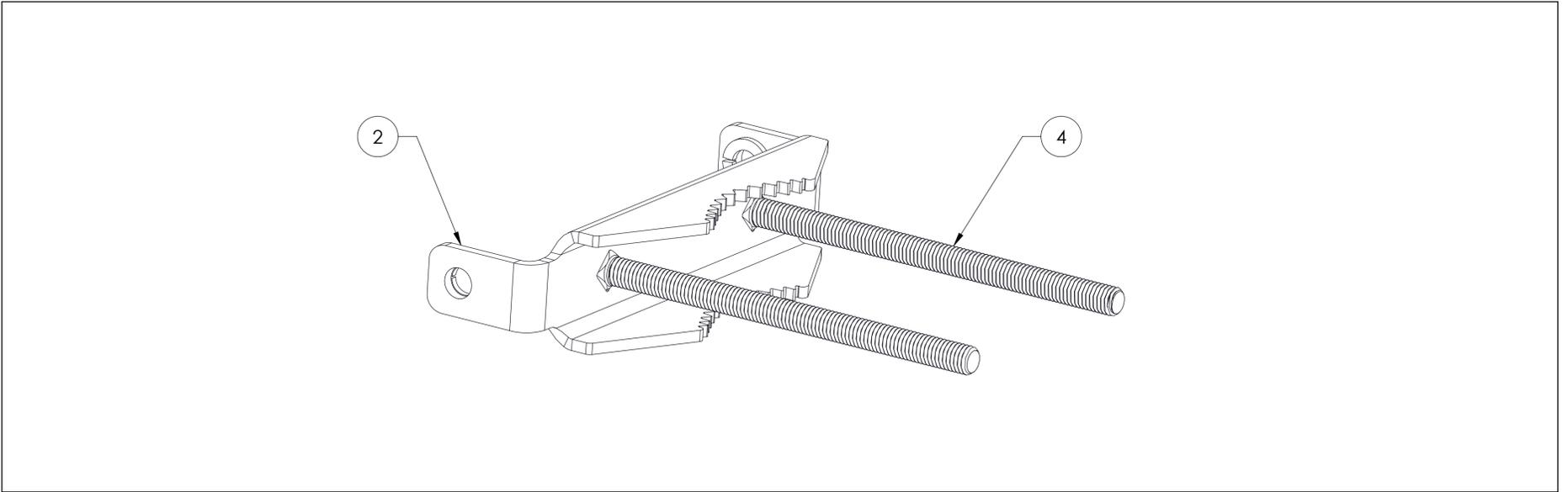
Do not install near power lines. Power lines, telephone lines, and guy wires look the same. Assume any wire or line can electrocute you.



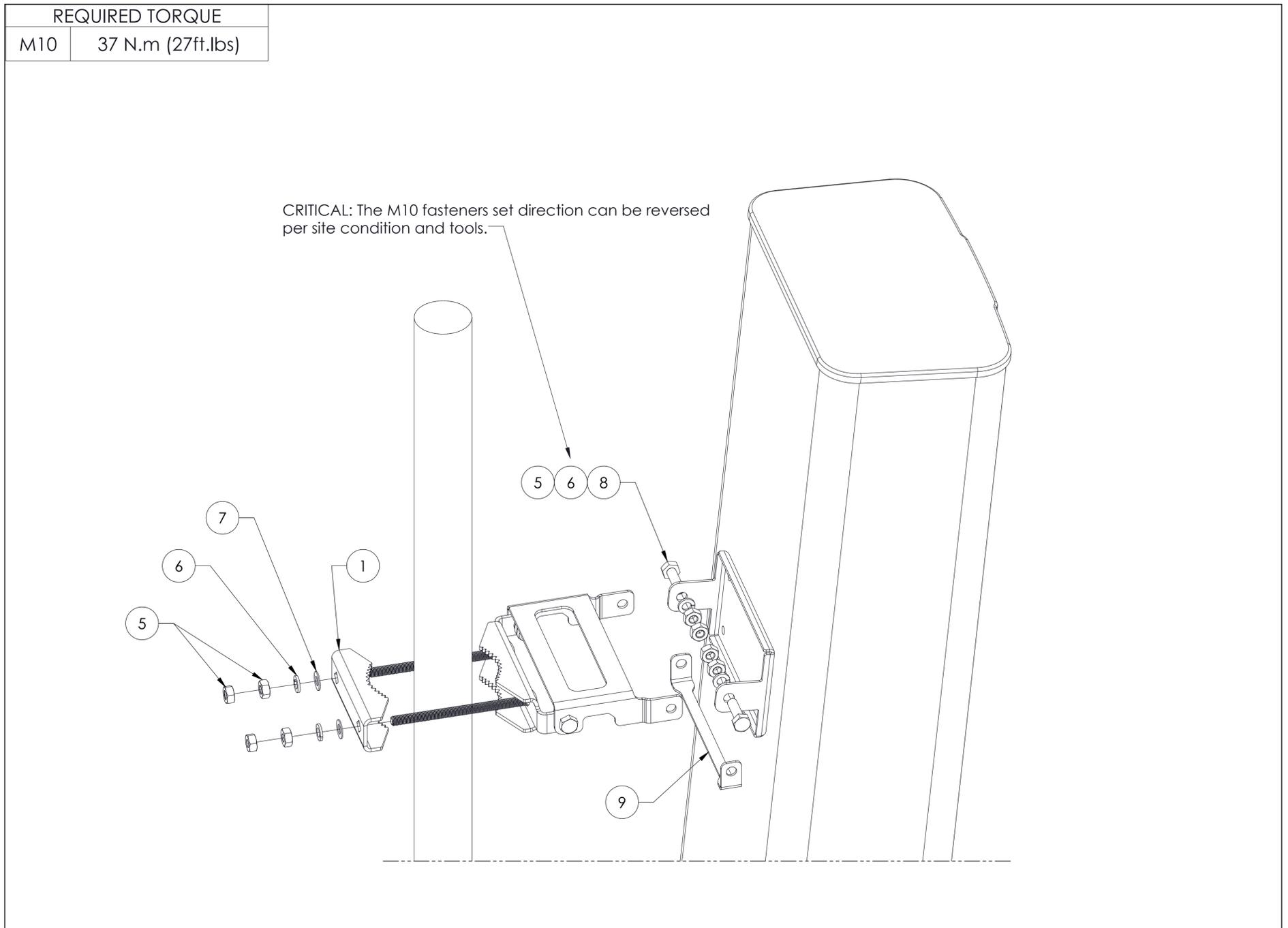
Do not install on a wet or windy day or when lightning or thunder is in the area. Do not use metal ladder.



Wear shoes with rubber soles and heels. Wear protective clothing including a long-sleeved shirt and rubber gloves.



Pre-assembly of Pipe Bracket by Field Installer



Top Mount Installation

Remote Electrical Tilt Connection



The AISG connector fitted to the antenna is designed to accept any AISG compliant cable assembly, commscope recommends hand tightening AISG mating connector only. Applied torque to the connector shall not exceed 1.5N*m.

RF Cable Connection



The female RF connectors fitted to the antenna are designed to fit jumper cables with standard related male RF connector. Tighten the RF connector coupling according to torque specification in antenna label, if the RF connectors are tightened beyond the recommend torque, the RF connection to the antenna may be damaged.