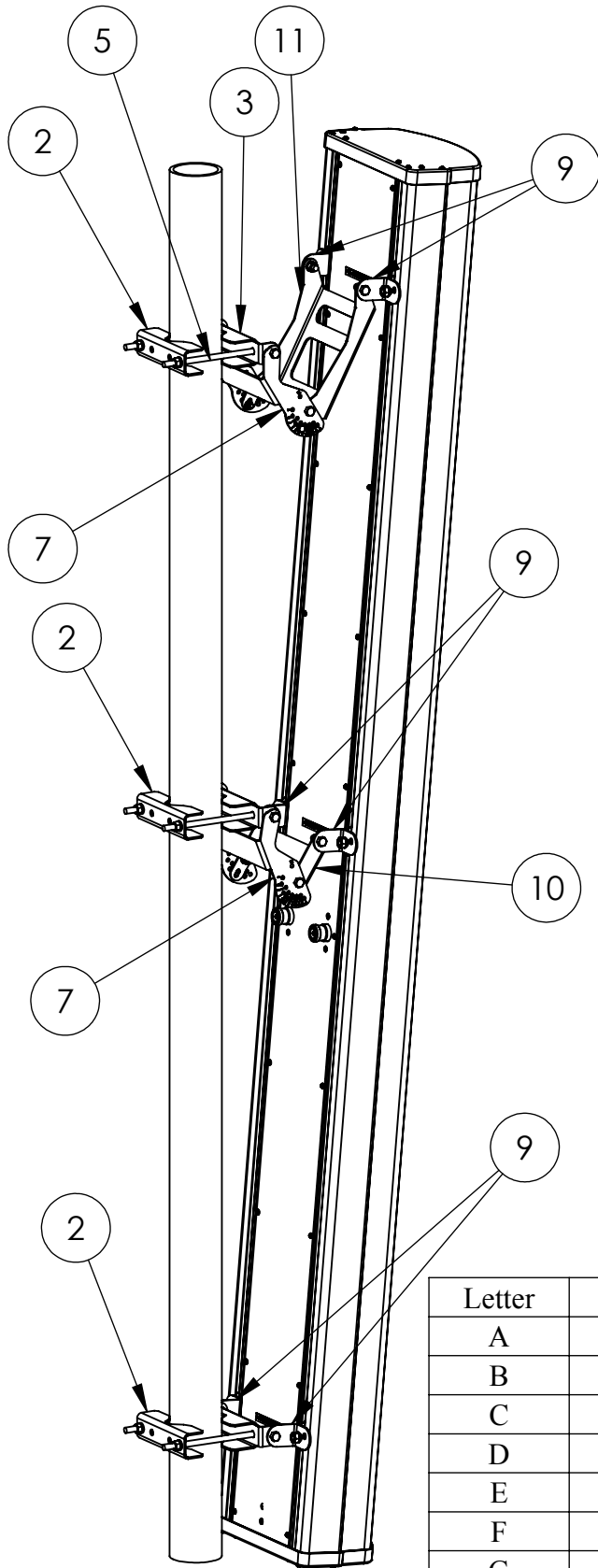


MKS09T03 Wide Extended Scissor, 3 Point Mounting Downtilt Bracket Instructions



1. Attach the antenna(example shown) to the interface brackets (9) using the provided channel runners at the labeled antenna mounting points. Top and bottom attachment points on the antenna must be 2.0M (78.75in) apart to achieve tilt values shown in chart below. Locate the middle brackets to ensure that they do not interfere with RF connectors.

2. Assemble the front pipe grips (3), upper scissor brackets (7 & 11) and middle scissor brackets (7 & 10) to the interface brackets (9) using 3/8" locking hardware.

3. Assemble rear pipe grips (2) with one 7" bolt (5) to the front pipe grips (3). Raise antenna to pipe. Insert second 7" bolt through front pipe grips (3) and tighten to pipe.
Tighten the 7" bolts to 15Nm (11ft lbs.) Do NOT Overtighten. Excessive torque loading will distort the pipe grip components.

4. Position the antenna in the desired downtilt position (reference tilt chart below). After positioning, find the holes in the top scissor bracket that align and install the 1/4" locking hardware to both sides.
Tighten the 1/4" hardware to 15Nm (11 ft-lbs).
Tighten the 3/8" hardware to 20Nm (15 ft-lbs).

5. Make all electrical connections and weatherproof with self-amalgamating tape.

Letter	Tilt
A	0°
B	0.8°
C	1.7°
D	2.5°
E	3.4°
F	4.2°
G	5.0°
H	5.9°
I	6.7°
J	7.6°
K	8.4°
L	9.2°
M	10.1°

	NAME	DATE
DRAWN	SZ	11/04/08
CHECKED		
ENG APPR.		
MFG APPR.		
Q.A.		

COMMENTS:
DO NOT SCALE DRAWING



WIDE EXTENDED SCISSOR,
3 POINT MOUNT

SIZE	DWG. NO.	REV.
A	MKS09T03	B

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