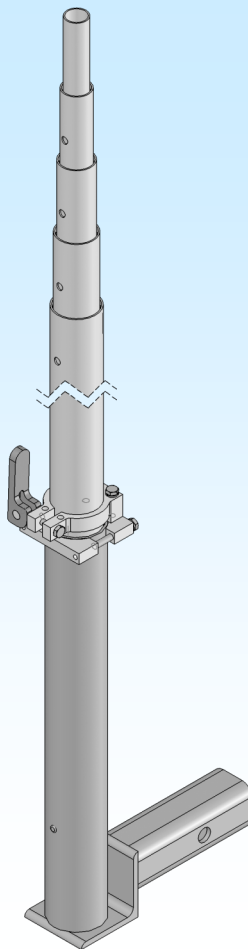




M2 Antenna Systems, Inc.

Model No: FGHM64

PORTABLE HITCH MAST

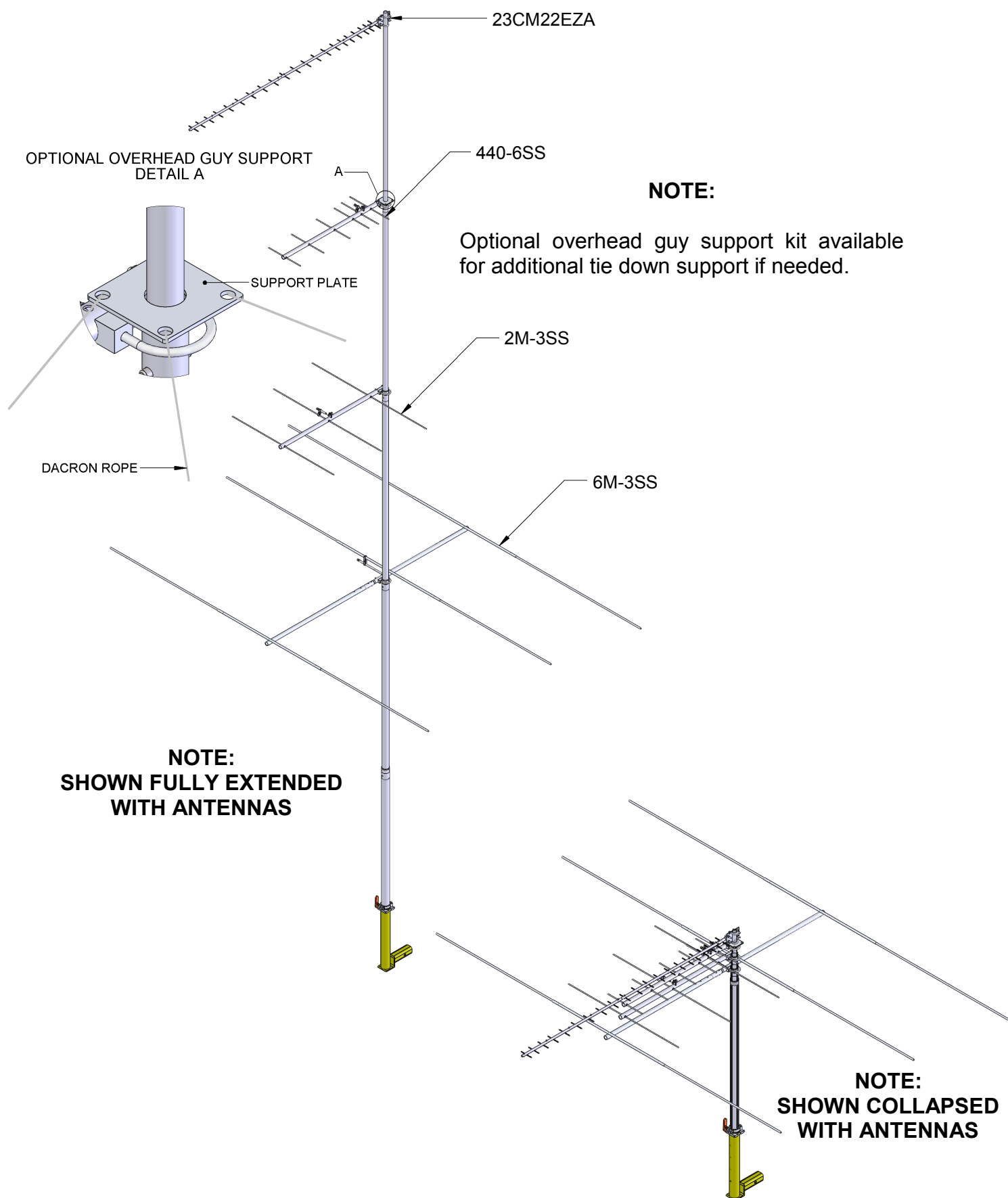


ModelFGHM64
Collapsed Size74"
Extended Size288.50"
Mast Size.....2", 1-3/4", 1-1/2, 1-1/4" & 1"
Weight16 Lbs.
Material.....Aluminum 6061-T6

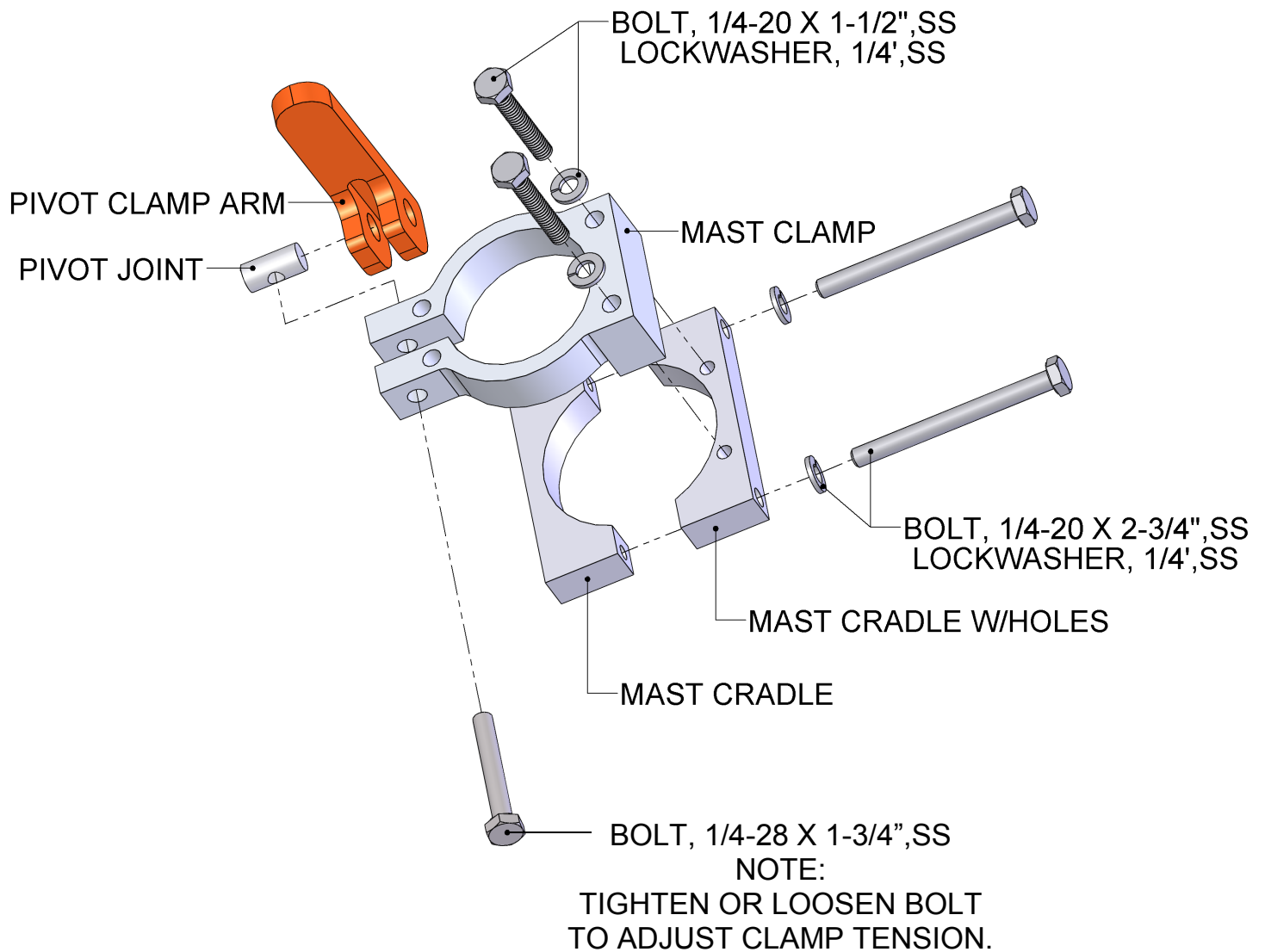
FEATURES:

The M2 FGHM64 is a portable telescoping mast designed to fit a standard 2" hitch receivers for portable and quick deploy operations. The unit will collapse down to 74" for ease of transport. No assembly required.

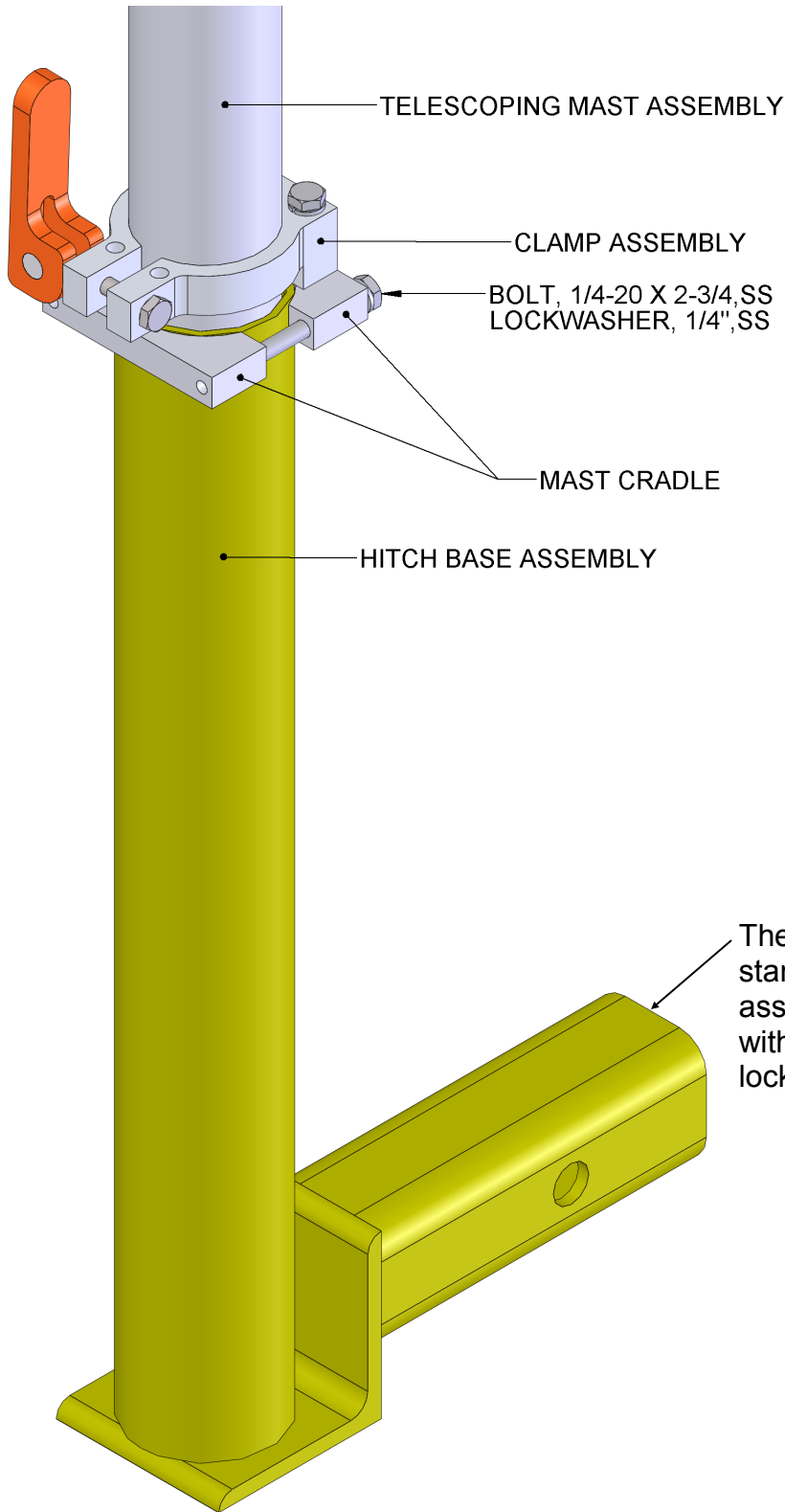
FGHM64 SYSTEM LAYOUT (EXAMPLE)



FGHM64 MAST CLAMP ASSEMBLY



FGHM64 HITCH BASE DETAILS



NOTE:

The FGHM64 has been designed to fit most standard 2" hitch receivers. Slip hitch base assembly into your hitch receiver and secure with one on each side: Bolt, 1/2-20 X 1" and 1/2" lock washer.

M² ANTENNA SYSTEMS, INC.
4402 N. SELLAND AVE.
FRESNO, CA 93722

Ph. (559) 432-8873 www.m2inc.com Email: sales@m2inc.com

FGHM64 OPERATION DETAILS

Raising the mast

Carefully raise one section at a time. Begin with the smaller 1" tubing. Look for indicating marks on tube to help line up your locking pins with pin holes. Repeat the following procedure for the remaining sections.

Azimuth rotation

Manual rotation provided using the clamp assembly locking lever. Simply release lever, turn system to desired position and lock lever.

Lowering the mast

CAUTION: LOWER YOUR MAST SLOWLY AND CAREFULLY! DO NOT LET THE SYSTEM SLAM DOWN. THIS MAY CAUSE SERIOUS PERSONAL INJURY, DAMAGE ANTENNAS AND MAST.

Lower one section at a time. Begin with the bigger 2" tube. Repeat procedure for the following smaller tube sections.

FGHM64 PARTS & HARDWARE

DESCRIPTION.....	QTY
HITCH BASE ASSEMBY (SAMS6400)	1
TELESCOPING MAST ASSEMBLY (SAMS6402)	1
MAST CLAMP (M2AMP6403).....	1
MAST CRADLE (M2AMP6407).....	1
MAST CRADLE WITH HOLES (M2AMP6404)	1
PIVOT CLAMP ARM (M2AMP6406)	1
PIVOT CLAMP JOINT (M2AMP6405).....	1
ASSEMBLY MANUAL	1

HARDWARE.....	QTY
BOLT, 1/4-20 X 2-3/4",SS	2
BOLT, 1/4-28 X 1-3/4",SS	1
BOLT, 1/4-20 X 1-1/2",SS	2
BOLT, 1/2-20 X 1", SS	2
LOCKWASHER, 1/2", SS.....	2
LOCKWASHER, 1/4", SS.....	4

OPTIONAL GUY SUPPORT KIT	QTY
SUPPORT PLATE (M2AMP6408).....	1
DACRON ROPE, 3/32 X 30'	4
STAKE, 12"	4

OPTIONAL BTM KIT	QTY
BTM PLATE, 3" X .125 X 4" (M2APT6966)	1
UNI CRADLE, 3/4 X 1/2 X 3, (M2AMC0076).....	2
U-BOLT, 2", SS	2
U-BOLT & CRADLE, 1-1/2"	2
U-BOLT, 1"	2
LOCKWASHER, 5/16, SS.....	4
NUT, 5/16-18, SS.....	4
LOCKWASHER, 1/4, SS.....	8
NUT, 1/4-20, SS.....	8

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