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NOTES

- 1) Clean wire with alcohol and paint with flat black spray paint.
- 2) Add heatshrink tubing around wire to protect in environment.

CHANGE HISTORY		
VERSION	DATE	DESCRIPTION
A	8/7/2013	INITIAL RELEASE

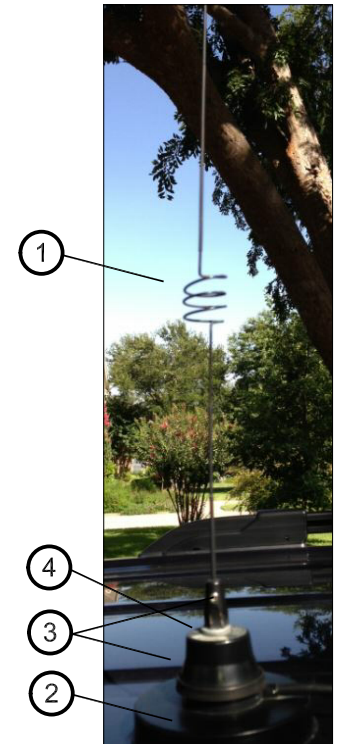
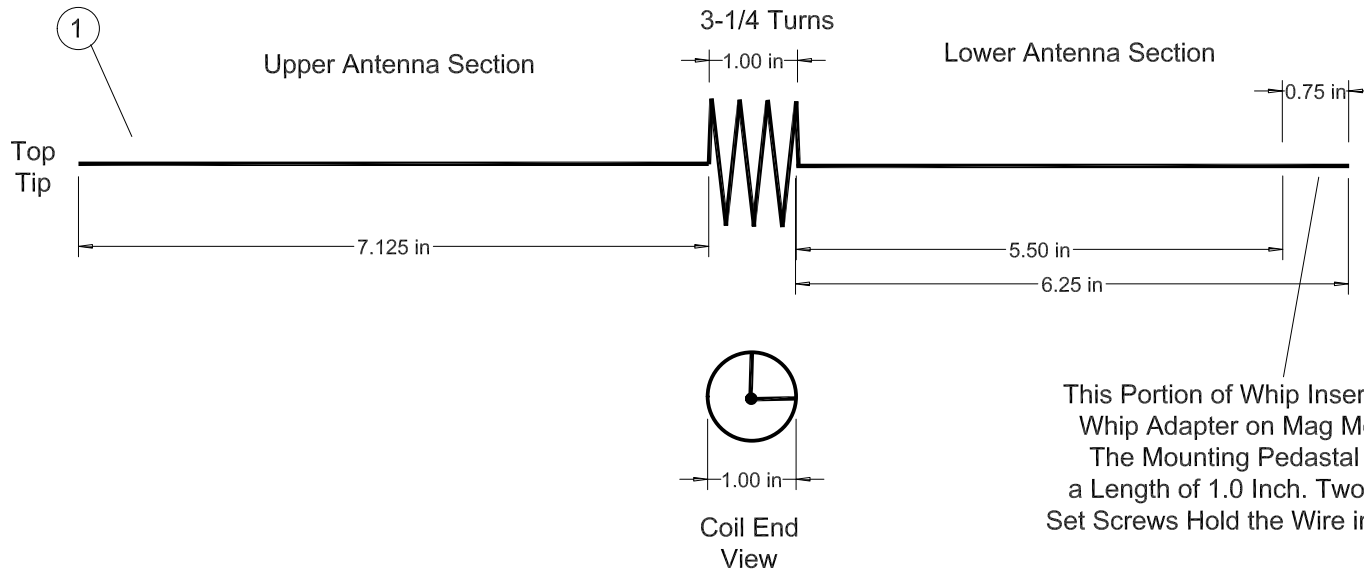


Photo Antenna Installed

Antenna Measurements on Car Roof Top Using Mag Mount			
Frequency	Resistance	Reactance	VSWR
144 MHz	61	12	1.3
145 MHz	53	15	1.3
146 MHz	45	14	1.3
147 MHz	41	11	1.3
148 MHz	40	9	1.3
436 MHz			1.3
440 MHz			1.3
442 MHz			1.5
446 MHz			1.5
450 MHz			1.1

4	1	1/4" Washer, Split
3	1	Tunable 1/4 Wave Coils/Whips, Mfgr. Larson, P/N NMOQ Black, Discard Whip and Only Use Base
2	1	Magnetic Mount for Antenna, Stype NMO, Model CMMA, Mfgr. Hustler, Connector PL-259
1	1	K&S Engineering Music Wire, Stock #503, 0.055" Wire (1.4 mm)
ITEM	QTY	DESCRIPTION
K5PA Design Concepts <small>http://www.k5pa.com</small>		
TITLE Dual Band 146/445 MHz Antenna		
G. Hinkle 8/6/2013		SCALE A2
DWG NO 6000-0011		REV A
SHEET		1 of 1

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