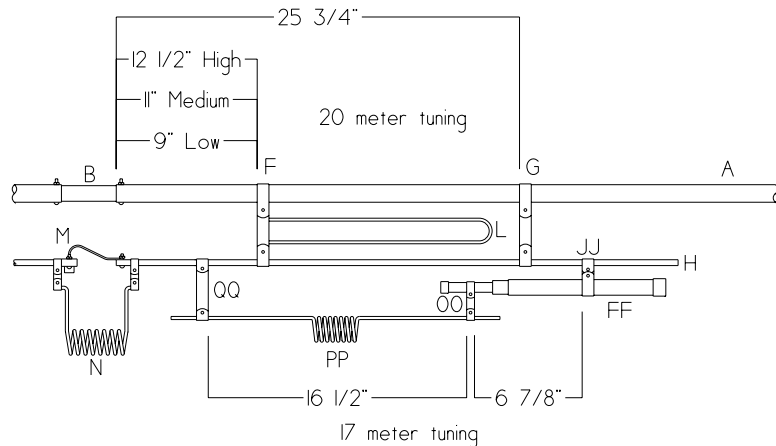


Model 18MCA

The addition of the 17 meter circuit to your model HF4B is easily accomplished by:

1. Center the coil/capacitor clamp (OO) on the small tube of capacitor (FF) and secure it with a 3/4" screw, lock washer and hex nut.
2. Position capacitor clamp (JJ) on capacitor (FF) 6 7/8 inches (17.5 cm) from coil/capacitor clamp (OO). Secure with a 1" screw, lock washer and hex nut.
3. Install the above assembly on tube (H) as shown. Secure with a 3/4" screw, lock washer and hex nut.
4. Position coil clamp (QQ) on tube (H) 16 1/2 inches (42 cm) from coil/capacitor clamp (OO) and secure with a 3/4" screw, lock washer and hex nut.
5. Install coil (PP) between coil/capacitor clamp (OO) and coil clamp (QQ) using 3/4" screws, lock washers and hex nuts.



Tuning is accomplished by varying the inductance of the coil by sliding coil/capacitor clamp (OO) along capacitor (FF) and coil (PP) toward the center of the element to raise frequency and in the opposite direction to lower frequency. Adjust for lowest SWR at 18.070 MHz. If more travel is needed along coil (PP), loosen capacitor clamp (JJ) and move capacitor (FF) in or out as needed. If needed, Coil Clamp (QQ) may also be moved along coil (PP) and tube (H).

On 17 meters only the driven element is active and operates as a dipole. Because the second element is not in the circuit, no "front-to-back" will be observed, although there will be noticeable "front-to-side" difference in signal strength.

PARTS LIST

Code	Part No	Description	Qty
	FF	V00064 Capacitor FF 12/17 M Driven Element	1
	JJ	V00026 Capacitor Clamp JJ	1
	OO	V00023 Coil/Capacitor Clamp OO 17 M	1
	QQ	V00025 Coil Clamp QQ 17 M	1
	PP	V00066 Coil PP 17 M	1
	V00077	# 8 x 3/4" Screw	5
	V00078	# 8 x 1" Screw	1
	V00080	# 8 Lock Washer	6
	V00081	# 8 Hex Nut	6