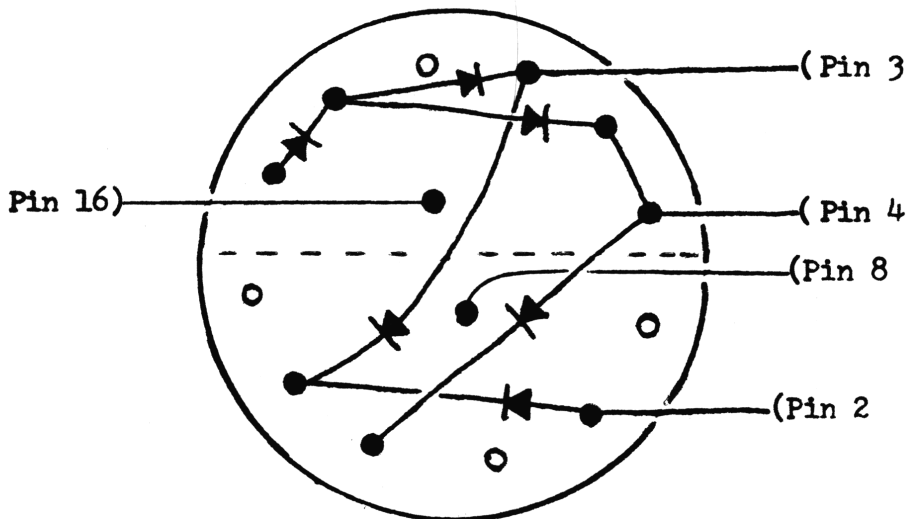## ROAD RUNNER CB5000A (MSM5807 PLL)

Again-this is all we got; no tune-up spec's or particulars....

Remove PLL box from chassis and cut trace to Pin 4 of PLL chip..
Cut trace going to Pin 2 of PLL chip, and bridge with 4.7K resistor..

Wire up a 6 position/2 pole switch as below; diodes are 1N914 or
like item........when finished wire up to indicated PLL chip pins..

Switch Positions: 1 - Normal C.B.
                   2 - 27.425-27.595MHz, selector 12-27
                   3 - 27.605-28.045MHz, selector 1-40
                   4 - Dead Space - used to separate Hi/Lo F_o.
                   5 - 26.645-26.955MHz, selector 1-27
                   6 - 26.325-26.765MHz, selector 1-40

This same PLL chip is also used in following: FieldMaster
Micro-Mini-40, Alaron B-4900, Palomar 49, Kraco KCB-4000,
Tenna 10901/10902/11302, and Realistic TRC-205...

BRISTOL BCB-2271 (MSM5907 PLL)

AMC-VR487, defeat is D481 and D482....Change final to 2SC1306...
(Note: This is not a true PLL Chip, but Phase Detector/Programmable
Divider).....the same type as found in following AM tube types;
Teaberry Model 'T', Robyn T-240D, Gemtronics GTX4040/GTX-5000,
and Shakespeare GBS-240..also a seldom heard of Colt 'Midnite Special'
Mdl. 900..
Conversion is simple, using a SPDT center-OFF toggle switch(below)

Switch Up - 27.405-27.595MHz; selector 11-27
Switch Center---Normal C.B.
Switch Down - 26.645-26.965MHz..