

# Carburetor Adjustments & Tuning Tips

## Optional Muffler Settings

Your CRF dose not conform to AMA noise emission regulation for 2013 year.

If you use optional AMA noise emission regulation conformed muffler, you should change the carburetor settings.

Adjustment	Settings
Pilot screw opening	1 3/4 turns out
Slow jet	#38
Jet needle	NMQT
Needle clip position	3rd groove
Main jet	#132

All jetting is based on

- Standard jetting
- Unmodified Engine

Temperature Altitude	FAHR.	-21°~ 0°	-1°~ 20°	19°~ 40°	39°~ 60°	59°~ 80°	79°~ 100°	99°~ 120°
	CENT.	-30°~ -17°	-18°~ -6°	-7°~ 5°	4°~ 16°	15°~ 27°	26°~ 38°	37°~ 49°
10,000 ft (3,050 m) ~	PS: SJ: JN CLIP:	1 3/4 38 3rd	1 3/4 38 3rd	1 3/4 38 3rd	1 1/2 38 3rd	1 1/2 38 3rd	1 1/4 38 2nd	1 1/4 38 2nd
7,500 ft (2,300 m)	JN: MJ:	NMQT 132	NMQT 130	NMQT 130	NMRT 130	NMRT 130	NMQT 128	NMQT 128
7,499 ft (2,299 m) ~	PS: SJ: JN CLIP:	1 3/4 38 3rd	1 3/4 38 3rd	1 3/4 38 3rd	1 3/4 38 3rd	1 1/2 38 3rd	1 1/2 38 3rd	1 1/4 38 2nd
5,000 ft (1,500 m)	JN: MJ:	NMQT 132	NMQT 132	NMQT 130	NMQT 130	NMRT 130	NMRT 130	NMQT 128
4,999 ft (1,499 m) ~	PS: SJ: JN CLIP:	1 3/4 38 3rd	1 3/4 38 3rd	1 3/4 38 3rd	1 3/4 38 3rd	1 3/4 38 3rd	1 1/2 38 3rd	1 1/2 38 3rd
2,500 ft (750 m)	JN: MJ:	NMQT 135	NMQT 132	NMQT 132	NMQT 130	NMQT 130	NMRT 130	NMRT 130
2,499 ft (749 m) ~	PS: SJ: JN CLIP:	1 3/4 38 3rd	1 3/4 38 3rd	1 3/4 38 3rd	1 3/4 38 3rd	1 3/4 38 3rd	1 3/4 38 3rd	1 1/2 38 3rd
1,000 ft (300 m)	JN: MJ:	NMQT 135	NMQT 135	NMQT 132	NMQT 132	NMQT 130	NMQT 130	NMRT 130
999 ft (299 m) ~	PS: SJ: JN CLIP:	2 38 4th	1 3/4 38 3rd	1 3/4 38 3rd	1 3/4 38 3rd	OPTIONAL JETTING	1 3/4 38 3rd	1 3/4 38 3rd
0 m Sea level	JN: MJ:	NMRT 135	NMQT 135	NMQT 135	NMQT 132		NMQT 132	NMQT 130

### Legend

- PS: Pilot Screw opening from fully seated
- SJ: Slow Jet
- JN: Jet Needle
- JN CLIP: Needle Clip position
- MJ: Main Jet