

Carburetor Adjustments & Tuning Tips

Optional Muffler Settings

Your CRF does not conform to AMA noise emission regulation for 2017 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	FAHR.	-21°~ 0°	-1°~ 20°	19°~ 40°	39°~ 60°	59°~ 80°	79°~ 100°	99°~ 120°
Altitude	CENT.	-30°~ -17°	-18°~ -6°	-7°~ 5°	4°~ 16°	15°~ 27°	26°~ 38°	37°~ 49°
10,000 ft (3,050 m)	PS: SJ:	1 3/4 38	1 3/4 38	1 3/4 38	1 1/2 38	1 1/2 38	1 1/4 38	1 1/4 38
~	JN CLIP:	3rd	3rd	3rd	3rd	3rd	2nd	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:	1 3/4 38	1 3/4 38	1 3/4 38	1 3/4 38	1 1/2 38	1 1/2 38	1 1/4 38
~	JN CLIP:	3rd	3rd	3rd	3rd	3rd	3rd	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:	1 3/4 38	1 3/4 38	1 3/4 38	1 3/4 38	1 3/4 38	1 1/2 38	1 1/2 38
~	JN CLIP:	3rd	3rd	3rd	3rd	3rd	3rd	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:	1 3/4 38	1 3/4 38	1 3/4 38	1 3/4 38	1 3/4 38	1 3/4 38	1 1/2 38
~	JN CLIP:	3rd	3rd	3rd	3rd	3rd	3rd	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:	2 38	1 3/4 38	1 3/4 38	1 3/4 38	OPTIONAL JETTING	1 3/4 38	1 3/4 38
~	JN CLIP:	4th	3rd	3rd	3rd		3rd	3rd
0 m	JN:	NMRT	NMQT	NMQT	NMQT		NMQT	NMQT
Sea level	MJ:	135	135	135	132		132	130

Legend

PS: Pilot Screw opening from fully seated

SJ: Slow Jet

JN: Jet Needle

JN CLIP: Needle Clip position

MJ: Main Jet