

# INSTRUCTION SHEET

## ADJUSTMENT DATA TABLE

**50-390-2**

### ROCHESTER MARINE CARBURETORS

#### MODELS B-BC

	FLOAT LEVEL	FLOAT DROP	AUTO CHOKE	CHOKE ROD	UNLOADER	IDLE R. P. M.
KIEKHAEFER MARINE DUAL INST. 194" & 230" ENGS.	1-9/32"	1-3/4"	INDEX	--	15/64"	550-N
OUTBOARD MARINE 153" & 225" ENG. 4 & 6 CYL.	1-9/32"	1-3/4"	INDEX	--	15/64"	550-N
REVLEY MARINE 225" ENG. 6 CYL.	1-9/32"	1-3/4"	INDEX	3/64"	15/64"	600-N
UNIVERSAL MTRS. MARINE 225" ENG. 6 CYL.	1-9/32"	1-3/4"	INDEX	3/64"	15/64"	600-N

#### MODELS H-HV

	FLOAT LEVEL	FLOAT DROP	PUMP ROD	VACUUM BREAK	CHOKE ROD	UNLOADER	IDLE R. P. M.
AQUANAUTICS MARINE 164" ENG. 6 CYL.	1-1/6"	1-13/16"	INDEX	3/16"	3/16"	21/64"	500-N
INBOARD MARINE 164" ENG. 6 CYL.	1-3/16"	1-3/4"	INDEX	--	--	--	--

#### MODELS 2G-2GC

	FLOAT SET PROCEDURE	FLOAT LEVEL	FLOAT DROP	PUMP ROD	INTERMEDIATE CHOKE ROD	VAC BREAK	AUTO CHOKE	CHOKE ROD	UNLOADER	IDLE R. P. M.
CHRIS-CRAFT MARINE 4 CYL. 153" & 181" ENG. 6 CYL. 225" ENG. 8 CYL. 283" ENG.	2	5/8"	1-5/8"	1-1/8"	FLUSH	--	INDEX	1/32"	5/64"	--
	2	11/16"	1-29/32"	1-1/8"	FLUSH	--	INDEX	1/32"	5/64"	550-N
	1	1-3/8"	1-29/32"	29/32"	--	--	I-N-LEAN	3/32"	23/64"	500-N
CRUSADER MARINE 4 CYL. 153" ENG. 6 CYL. 225" ENG. 6 CYL. 230" & 292" ENG.  8 CYL. 283" ENG. CARB. NO. 7020082 CARB. NO. 7024185 8 CYL. 327" ENG.	2	5/8"	1-29/32"	1-5/32"	--	--	INDEX	3/64"	5/32"	550-N
	2	11/16"	1-29/32"	1-1/8"	--	--	INDEX	1/32"	5/64"	550-N
	2	5/8"	1-31/32"	OUTER HOLE 1-5/8"	--	--	--	--	--	550-N
	2	5/8"	1-29/32"	1-5/8"	--	--	--	--	--	550-N
	2	5/8"	1-29/32"	1-3/32"	FLUSH	--	INDEX	3/32"	23/64"	550-N
GRAY MARINE 6 CYL. 232" ENG. 8 CYL. 215" ENG. 8 CYL. 287" & 327" ENG. CARB. NO. 7024081	1	NOTE-1	1-3/4"	1-3/16"	--	--	INDEX	--	3/32"	500-N
	2	5/8"	1-29/32"	1-11/32"	--	--	INDEX	3/64"	5/32"	500-N
	2	5/8"	1-31/32"	1-11/32"	--	--	INDEX	1/32"	3/8"	500-N
	2	5/8"	1-31/32"	1-15/32"	--	--	INDEX	1/32"	3/8"	500-N
	2	5/8"	1-31/32"	1-11/32"	FLUSH	--	INDEX	1/32"	3/8"	550-N
GRUMMAN ALLIED MARINE 8 CYL. 300" ENG.	2	19/32"	1-29/32"	1-5/32"	--	--	INDEX	--	1/8"	500-N
MERCURY (KIEKHAEFER) MARINE 4 CYL. 95.5" ENG. CARB. NO. 7040082 CARB. NO. 17059054 4 CYL. 153" ENG. CARB. NO. 7020993, 7028086 CARB. NO. 17059054 CARB. NO. 7043182, 7044182 4 CYL. 181" ENG. CARB. NO. 7040080 CARB. NO. 7040084, 7043184 4 CYL. 224" ENG. 6 CYL. 230" ENG. CARB. NO. 17059052 6 CYL. 250" ENG. CARB. NO. 7028188, 7040081, 7042183 CARB. NO. 17059050 8 CYL. 302" ENG. 8 CYL. 305" ENG. 8 CYL. 351" ENG. CARB. NO. 17056197	2	5/8"	1-7/8"	1-1/8"	FLUSH	--	INDEX	--	5/64"	--
	2	21/32"	1-3/4"	1-1/4"	--	--	INDEX	--	5/64"	--
	2	5/8"	1-29/32"	1-5/32"	--	--	INDEX	--	5/32"	550-N
	2	21/32"	1-3/4"	1-1/4"	--	--	INDEX	--	5/64"	--
	2	5/8"	1-7/8"	1-1/8"	FLUSH	--	INDEX	--	5/64"	--
	2	5/8"	1-3/4"	1-5/32"	FLUSH	--	INDEX	--	5/64"	--
	2	5/8"	1-7/8"	1-1/8"	FLUSH	--	INDEX	--	5/64"	--
	2	11/16"	1-9/32"	1-9/32"	--	--	INDEX	--	5/16"	--
	2	5/8"	1-29/32"	1-1/8"	--	--	INDEX	--	5/64"	550-N
	2	21/32"	1-3/4"	1-1/4"	--	--	INDEX	--	5/64"	--
	2	5/8"	1-7/8"	1-1/8"	FLUSH	--	INDEX	--	5/64"	--
	2	5/8"	1-7/8"	1-7/32"	FLUSH	--	INDEX	--	5/64"	--
	2	21/32"	1-3/4"	1-1/4"	--	--	INDEX	--	5/64"	--
	2	11/16"	1-3/8"	1-1/2"	--	--	INDEX	--	5/64"	--
	2	11/16"	1-9/32"	1-17/32"	--	3/16"	INDEX	--	5/16"	--
OUTBOARD MARINE (OMC) 4 CYL. 91" & 97" ENG. 4 CYL. 153" ENG.  6 CYL. 225" ENG.  6 CYL. 232" ENG. 6 CYL. 250" ENG. 8 CYL. 283" & 330" ENG.	1	NOTE-1	1-3/4"	1-3/16"	--	--	INDEX	--	3/32"	550-N
	2	19/32"	1-29/32"	INNER HOLE 1-5/32"	--	--	INDEX	--	7/64"	550-N
	2	19/32"	1-29/32"	INNER HOLE 1-5/32"	--	--	INDEX	--	7/64"	550-N
	2	1/2"	1-3/4"	1-1/4"	--	--	INDEX	--	5/64"	--
	2	5/8"	1-7/8"	1-1/8"	FLUSH	--	INDEX	--	5/64"	--
PALMER MARINE 6 CYL. 304" ENG.  8 CYL. 215" ENG.	2	5/8"	1-31/32"	OUTER HOLE 1-5/8"	--	--	--	--	--	550-N
	2	5/8"	1-29/32"	1-11/32"	--	--	--	--	--	600-N
REVLEY MARINE 6 CYL. 225" ENG.	2	11/16"	1-29/32"	1-1/8"	--	--	INDEX	1/32"	5/64"	500-N
UNIVERSAL MTRS. MARINE 6 CYL. 198"-225" ENG.	2	11/16"	1-29/32"	1-1/8"	--	--	INDEX	1/32"	5/64"	550-N
VOLVO PENTA MARINE 8 CYL. 305" ENG.	2	1/2"	1-3/4"	1-19/32"	--	3/16"	INDEX	--	5/16"	--

NOTE 1=1-5/32" FROM GASKET TO TOP OF FLOAT AT TOE.

## MODEL 4MV

	FLOAT LEVEL	PUMP ROD ADJ.	CHOKE ROD	VACUUM BREAK	UNLOADER ADJ.	AIR VALVE LOCKOUT	SECONDARY VALVE LOCKOUT	SECONDARY MET. ROD	AIR VALVE SPRING TURNS	AIR VALVE DASH POT	AUTO. CHOKE	IDLE R.P.M.
AERO MARINE 327" ENGINE	1/4"	INNER 9/32"	7/64"	5/32"	5/16"	1/64"	--	7/8"	3/4	1/32"	FIG. 26	550-N
CHRIS-CRAFT MARINE CARB #7044283	1/4"	INNER 9/32"	--	.155	--	.015	--	--	3/8	.030	EVEN	--
CARB #7044288	1/4"	INNER 9/32"	--	.155	--	.015	--	--	3/8	.030	EVEN	--
CARB #7044289	1/4"	INNER 9/32"	--	.155	--	.015	--	--	3/8	.030	EVEN	--
CARB #17056287	1/4"	INNER 9/32"	--	.120	.300	.030	--	--	3/4	.015	INDEX	--
CARB #17058280	1/4"	INNER 9/32"	--	.120	.160	.030	--	--	3/8	.030	INDEX	--
CARB #17059294	5/16"	INNER 5/16"	--	19°	--	--	.015	--	5/8	.015	GAGE NOTCH	--
CARB #17059295	11/32"	INNER 5/16"	--	19°	--	--	.015	--	1/2	.015	GAGE NOTCH	--
CHRYSLER MARINE CARB #17084001	9/32"	INNER 5/16"	--	27°	--	--	.015	--	1/2	.015	GAGE NOTCH	--
CARB #17086115	9/32"	INNER 5/16"	--	27°	--	--	.015	--	1/2	.015	GAGE NOTCH	--
CARB #17086116	9/32"	INNER 5/16"	--	27°	--	--	.015	--	1/2	.015	GAGE NOTCH	--
CRUSADER MARINE 427" ENGINE	1/4"	INNER 9/32"	7/64"	5/32"	5/16"	1/64"	1/64"	7/8"	1/4	1/32"	FIG. 22	550-N
CARB #17082403	9/32"	INNER 5/16"	--	27°	32°	--	.015	--	3/4	.015	GAGE NOTCH	--
DAYTONA MARINE 327" & 427" ENGINE	1/4"	INNER 9/32"	7/64"	5/32"	5/16"	1/64"	1/64"	7/8"	1/4	1/32"	FIG. 22	650-N
MERCURY (KIEKHAEFER) MARINE 292", 327", 350", 427", 482" ENG.	1/4"	INNER 9/32"	7/64"	5/32"	5/16"	1/64"	--	--	1/2	1/32"	FIG. 26 1 ROD	--
454" ENGINE	1/4"	INNER 9/32"	--	--	--	--	--	--	3/4	1/32"	--	--
CARB #7044286	1/4"	INNER 9/32"	--	.155	--	.015	--	--	3/8	.030	EVEN	--
CARB #7044287	1/4"	INNER 9/32"	--	.155	--	.015	--	--	3/8	.030	EVEN	--
CARB #17057282	1/4"	INNER 9/32"	--	--	--	1/64"	--	--	9/16	1/64"	--	--
CARB #17057283	1/4"	INNER 9/32"	--	--	--	1/64"	--	--	1/2	1/32"	--	--
CARB #17059280	1/4"	INNER 5/16"	--	27°	--	.015	.015	--	5/8	.030	GAGE NOTCH	--
CARB #17059287	1/4"	INNER 5/16"	--	19°	--	.015	.015	--	3/4	.015	GAGE NOTCH	--
CARB #17059288	1/4"	INNER 5/16"	--	19°	--	.015	.015	--	1/2	.015	GAGE NOTCH	--
CARB #17059289	1/4"	INNER 5/16"	--	20°	--	.015	.015	--	3/8	.015	GAGE NOTCH	--
CARB #17059290	9/32"	INNER 5/16"	--	19°	--	.015	.015	--	1/2	.030	GAGE NOTCH	--
CARB #17059291	1/4"	INNER 5/16"	--	19°	--	.015	.015	--	3/8	.015	GAGE NOTCH	--
CARB #17059292	1/4"	INNER 5/16"	--	--	--	1/64"	.015	--	3/8	.015	GAGE NOTCH	--
CARB #17080560	1/4"	INNER 5/16"	--	27°	--	.015	.015	--	3/4	.015	GAGE NOTCH	--
CARB #17080561	1/4"	INNER 5/16"	--	27°	--	.015	.015	--	1/2	.015	GAGE NOTCH	--
CARB #17080562	1/4"	INNER 5/16"	--	27°	--	.015	.015	--	3/8	.015	GAGE NOTCH	--
CARB #17080563	1/4"	INNER 5/16"	--	27°	--	.015	.015	--	1/2	.015	GAGE NOTCH	--
CARB #17080564	1/4"	INNER 5/16"	--	27°	--	.015	.015	--	3/8	.015	GAGE NOTCH	--
CARB #17080565	1/4"	INNER 5/16"	--	27°	--	.015	.015	--	3/8	.015	GAGE NOTCH	--
CARB #17081299	7/32"	INNER 5/16"	--	27°	--	--	.015	--	3/8	.015	GAGE NOTCH	--
CARB #17083515	9/32"	INNER 5/16"	--	27°	--	--	.015	--	3/8	.015	GAGE NOTCH	--
CARB #17083522	7/32"	INNER 5/16"	--	27°	--	--	.015	--	3/8	.015	GAGE NOTCH	--
CARB #17084516	9/32"	INNER 5/16"	--	27°	--	--	.015	--	3/8	.015	GAGE NOTCH	--
CARB #17085013	1/4"	INNER 5/16"	--	27°	--	--	.015	--	3/8	.015	GAGE NOTCH	--
CARB #17086069	9/32"	INNER 5/16"	--	27°	--	--	.015	--	1/2	.015	GAGE NOTCH	--
OUTBOARD MARINE (OMC) 283", 307", 350", 427" ENGINE	1/4"	INNER 9/32"	7/64"	5/32"	5/16"	1/64"	--	7/8"	3/4	1/32"	FIG. 26	--
CARB #7044284	1/4"	INNER 9/32"	--	.155	--	.015	--	--	3/8	.030	EVEN	--
CARB #7045283	1/4"	INNER 9/32"	--	.080	.152	.015	--	--	3/8	.030	EVEN	--
CARB #17057290	1/4"	INNER 9/32"	--	19°	32°	--	.015	--	1/2	.030	--	--
CARB #17059285	5/16"	INNER 5/16"	--	19°	32°	--	.015	--	1/2	.030	GAGE NOTCH	--
CARB #17059286	5/16"	INNER 5/16"	--	19°	32°	--	.015	--	1/2	.030	GAGE NOTCH	--
CARB #17082515	5/16"	INNER 5/16"	--	19°	32°	--	.015	--	1/2	.015	GAGE NOTCH	--
CARB #17085010	5/16"	INNER 5/16"	--	19°	32°	--	.015	--	1/2	.015	GAGE NOTCH	--
CARB #17086117	5/16"	INNER 5/16"	--	27°	--	--	.015	--	1/2	.015	GAGE NOTCH	--
OWENS MARINE 427" ENGINE	1/4"	INNER 9/32"	7/64"	5/32"	5/16"	1/64"	--	7/8"	1/4	1/32"	FIG. 26 1 ROD	550-N
SALMON STILES MARINE 327" ENGINE	1/4"	INNER 9/32"	7/64"	5/32"	5/16"	1/64"	--	7/8"	3/4	1/32"	FIG. 26 1 ROD	550-N
VOLVO PENTA MARINE 305", 350" ENGINE	1/4"	INNER 5/16"	--	--	--	--	--	--	1/2	1/32"	INDEX	--
CARB #7044288	1/4"	INNER 9/32"	--	.155	--	.015	--	--	3/8	.030	EVEN	--
CARB #7044289	1/4"	INNER 9/32"	--	.155	--	.015	--	--	3/8	.030	EVEN	--
CARB #17056287	1/4"	INNER 9/32"	--	.120	.300	.030	--	--	3/4	.015	INDEX	--
CARB #17057292	1/4"	INNER 9/32"	--	.120	.160	.030	--	--	3/4	.030	INDEX	--
CARB #17059283	1/4"	INNER 5/16"	--	.120	.160	--	.015	--	1/2	.030	INDEX	--
CARB #17059296	9/32"	INNER 5/16"	--	--	--	--	.015	--	1/2	.015	INDEX	--
CARB #17059298	1/4"	INNER 5/16"	--	.120	.160	--	.015	--	1/2	.030	INDEX	--

MODELS 4G-4GC

	FLOAT LEVEL		FLOAT TOE		VAC. ASSIST.	FLOAT DROP		PUMP ROD LOCATION	PUMP ROD	INTERMEDIATE CHOKE ROD	AUTO CHOKE	CHOKE ROD	UNLOADER	SECONDARY LOCKOUT	SECONDARY CONTOUR	IDLE R.P.M.
	PRI.	SEC.	PRI.	SEC.		PRI.	SEC.									
CHRIS-CRAFT MARINE 283" ENG. 7013071 283" ENG. 7015090	1-15/32"	1-3/8"	11/16"	3/8"	1-1/16"	1-1/2"	1-5/16"	OUTER OUTER	1-1/32"	FLUSH FLUSH	3-N-L 3-N-L	3/64" 3/64"	1/8" 1/8"	1/64" 1/64"	1/8" 1/8"	500-N 500-N
CRUSADER MARINE 327" ENG. 8 CYL. 7020085 409" ENG. 8 CYL. 7020084 327"-409" ENG. 8 CYL. ALL OTHERS	1-15/32"	1-3/8"	11/16"	3/8"	1-1/16"	1-1/2"	1-1/8"	OUTER OUTER OUTER	1-1/32"	FLUSH FLUSH FLUSH	3-N-L 3-N-L 3-N-L	3/64" 3/64" 3/64"	1/8" 1/8" 1/8"	1/64" 1/64" 1/64"	1/8" 1/8" 1/8"	550-N 550-N 550-N
DAYTONA MARINE 283" ENG. 8 CYL. 327"-409" ENG. 8 CYL.	1-17/32"	1-19/32"	--	--	--	2-1/4"	2-1/4"	CENTER OUTER	1-1/16"	-- --	-- --	-- --	-- --	-- --	-- --	650-N 650-N
GRAY MARINE 215"-327" ENG. 8 CYL. 401" ENG. 8 CYL.	1-3/8"	1-11/32"	11/16"	9/16"	--	1-3/8"	1-3/8"	OUTER OUTER	1-1/32"	FLUSH FLUSH	INDEX 3-N-L	3/64" 3/64"	1/8" 7/64"	1/64" 1/64"	7/64" 7/64"	550-N 650-N
KIEKHAEFER MARINE 283" ENG. 8 CYL. 327" ENG. 8 CYL. 409" ENG. 8 CYL.	1-1/2"	1-9/16"	--	--	--	2-1/4"	2-1/4"	OUTER OUTER OUTER	1-3/32"	FLUSH FLUSH FLUSH	INDEX 3-N-L INDEX	-- -- --	15/64" 1/8" 1/8"	1/64" 1/64" 1/64"	1/64" 7/64" 1/32"	550-N 550-N 550-N
OWENS MARINE 283"-327" ENG. 8 CYL.	1-17/32"	1-19/32"	--	--	--	2-1/4"	2-1/4"	OUTER	1-3/32"	FLUSH	INDEX	1/16"	15/64"	1/64"	1/64"	675-N
PALMER MARINE 345" ENG. 8 CYL. 7015091 345" ENG. 8 CYL. 7019084 549" ENG. 8 CYL. 7024084	1-15/32"	1-1/2"	11/16"	3/8"	1-1/16"	1-1/2"	1-5/16"	CENTER CENTER OUTER	1-1/32"	-- -- --	-- -- --	-- -- --	-- -- --	-- -- --	-- -- --	600-N 600-N 600-N
REVLEY MARINE 300" ENG. 8 CYL. 401" ENG. 8 CYL.	1-3/8"	1-11/32"	11/16"	9/16"	--	1-3/8"	1-3/8"	INNER OUTER	1-1/32"	FLUSH FLUSH	INDEX 3-N-L	3/64" --	1/8" 7/64"	1/64" 1/64"	1/32" 7/64"	500-N 650-N