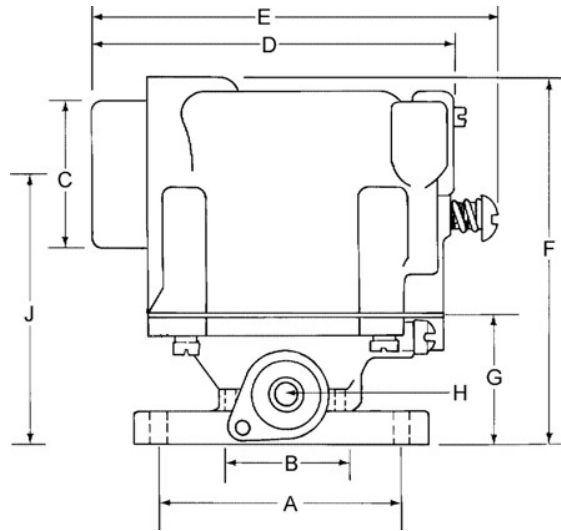


Model CA55

Carburetors & Mixers



DIMENSIONS



					A	B	C	D	E	F	G	H	J
Carburetor	Mixer	Throttle Body	SAE Flange	NPT Fuel Inlet	Center to Center Bolt Spacing	Bore	Air Horn Diameter	Overall Width	Max Width Incl. Idle Screw	Overall Height	Throttle Body Height	Throttle Shaft Dia.	Flange to Ctr. Of Air Horn
<u>CA55-4[^]</u>	CA55M-2	AT2-25	3/4"	3/8"	57.2mm (2.250")	27.0mm (1.188")	41.3 mm (1.875")	96.9 mm (3.813")	122 mm (4.813")	95.3 mm (3.750")	33.4 mm (1.313")	6.4 mm (.250")	71.5 mm (2.813")
<u>CA55-6[^]</u>	CA55M-4	AT2-26	1"	3/8"	60.3 mm (2.375")	30.2 mm (1.188")	47.6 mm (1.875")	96.9 mm (3.813")	122 mm (4.813")	95.3 mm (3.750")	33.4 mm (1.313")	6.4 mm (.250")	71.5 mm (2.813")
CA55-8	CA55M-5	AT2-27	1 1/4"	3/8"	68.3 mm (2.688")	30.2 mm (1.188")	52.4 mm (2.063")	96.9 mm (3.813")	122 mm (4.813")	95.3 mm (3.750")	33.4 mm (1.313")	6.4 mm (.250")	71.5 mm (2.813")
CA55-017	CA55M-5	BT2-27-322	1"	3/8"	60.3 mm (2.375")	30.2 mm (1.188")	52.4 mm (2.063")	96.9 mm (3.813")	122 mm (4.813")	95.3 mm (3.750")	33.4 mm (1.313")	6.4 mm (.250")	71.5 mm (2.813")
CA55-20	CA55M-2	AT2-26	1"	3/8"	60.3 mm (2.375")	30.2 mm (1.188")	41.3 mm (1.625")	96.9 mm (3.813")	122 mm (4.813")	95.3 mm (3.750")	33.4 mm (1.313")	6.4 mm (.250")	71.5 mm (2.813")
<u>CA55-20-2[^]</u>	<u>CA55M-2-2[^]</u>	AT2-26	1"	3/8"	60.3 mm (2.375")	30.2 mm (1.188")	41.3 mm (1.625")	96.9 mm (3.813")	122 mm (4.813")	95.3 mm (3.750")	33.4 mm (1.313")	6.4 mm (.250")	71.5 mm (2.813")
<u>CA55-40[^]</u>	CA55M-5	AT2-26	1"	3/8"	60.3 mm (2.375")	30.2 mm (1.188")	52.4 mm (2.063")	96.9 mm (3.813")	122 mm (4.813")	95.3 mm (3.750")	33.4 mm (1.313")	6.4 mm (.250")	71.5 mm (2.813")
<u>CA55-64[^]</u>	CA55M-2	BT2-26-8*	1"	3/8"	60.3 mm (2.375")	30.2 mm (1.188")	41.3 mm (1.625")	96.9 mm (3.813")	122 mm (4.813")	95.3 mm (3.750")	33.4 mm (1.313")	6.4 mm (.250")	71.5 mm (2.813")
CA55-66	CA55M-2	BT2-26-8*	1"	3/8"	60.3 mm (2.375")	30.2 mm (1.188")	41.3 mm (1.625")	96.9 mm (3.813")	122 mm (4.813")	95.3 mm (3.750")	33.4 mm (1.313")	6.4 mm (.250")	71.5 mm (2.813")
CA55-171	NSS	BT2-71-2	3/4"	3/8"	76.0 mm (2.992")	32.5 mm (1.28")	52.1 mm (1.97")	142.5 mm (5.6")	142.5 mm (5.6")	133 mm (5.27")	33.4 mm (1.313")	6.4 mm (.250")	

Note: Where applicable, any product underlined and in red text is obsolete. Visit page 6 for support.

Model CA55

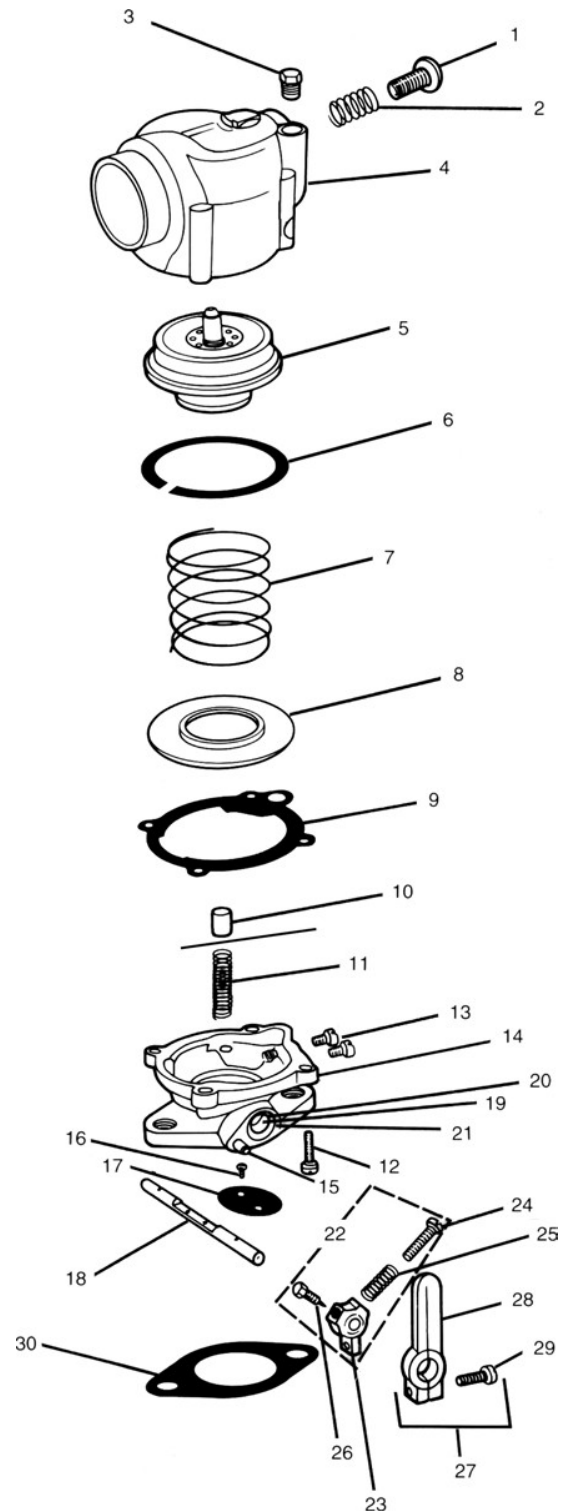
Carburetors & Mixers



COMPONENTS

ITEM	P/N	DESCRIPTION
1	NSS	Screw, idle
2	NSS	Spring, idle screw
3	NSS	Plug, 1/8 NPT
4	NSS	Body assy
5	NSS*	Air valve Assy
	NSS	Air valve Assy (Rich)
6	NSS*	Ring, air valve sealing
7	NSS	Spring, air valve
	NSS	Spring, air valve, light tension
8	NSS*	Plate, ass'y
9	NSS*	Gasket, throttle body to mixer
10	NSS	Piston, idle cutoff
11	NSS	Spring, idle cutoff
12	NSS	Screw, 10-24 x 5/8" SEMS (4)
13	NSS*	Screw, 1/4-28 x 5/16(2)
14	NSS	(Refer to AT2 Throttle body charts)
15	NSS	Pin, throttle stop (2)
16	NSS	Screw, 6-32 x 1/4 SAE (2)
17	NSS	Butterfly, 19.1 mm (.750")
	NSS	Butterfly, 25.4mm (1.000)
18	S5-6	Throttle shaft, 6.4mm (.250) dia.
19	NSS	Bearing, Oilite, 6.4mm (.250") ID. (2)
	NSS	Bearing, Needle, .687 x .500 x .625
20	NSS	Seal, 6.4mm (.250") shaft (2)
21	NSS	Ring, seal retainer (2)
22	AL1-8-1	Throttle stop ass'y: 6.4mm (.250) ID.
23	NSS	Throttle stop lever
24	NSS	Stop screw, 10-32 x 3/4
25	S2-15	Spring, idle stop screw
26	S1-18	Pin screw, throttle stop
27	AL1-7-1	Throttle lever w/screw
28	NSS	Throttle lever
29	NSS	Screw, 10-24 x 5/8"
30	NSS	Gasket, 1/2 SAE flange
	NSS	Gasket, 3/4" SAE flange
	NSS	Gasket, 1" SAE flange
	G1-18	Gasket, 1-1/4" SAE flange
	NSS	Gasket, flange

*Included in Repair Kit



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October 2024

ASSEMBLIES & ACCESSORIES

MIXER ASSEMBLIES

P/N	BODY ASS'Y	AIR/GAS VALVE	AIR HORN DIA.	OVERALL WIDTH	OVERALL HEIGHT
CA55M-1	NSS	AV1-14925	38.1mm (1.500")	81.0mm (3.188")	61.9mm (2.438")
CA55M-2	NSS	AV1-14925	41.3mm (1.625")	81.0mm (3.188")	61.9mm (2.438")
CA55M-4	NSS	AV1-14925	47.6mm (1.875")	81.0mm (3.188")	61.9mm (2.438")
CA55M-5	NSS	AV1-14925	52.4mm (2.063")	81.0mm (3.188")	61.9mm (2.438")

THROTTLE BODIES

P/N	DESCRIPTION
AT2-26	1" SAE flange, 6.4 (0.25") shaft dia.
AT2-26-2	1" SAE flange, 6.4 (0.25") shaft dia., w/ vacuum advance
AT2-27	1-1/4" SAE flange, 6.4 (0.25") shaft dia.
AT2-27-2	1-1/4" SAE flange, 6.4 (0.25") shaft dia., w/ vacuum
<u>AT2-44</u>	Metric, 53.0 mm (2.087"), 27.0 mm (1.063") bore, offset

REPAIR KIT

P/N	DESCRIPTION
RK-CA55	Repair Kit, Mdl CA55
RK-CA55-2	Repair Kit, CA55 Carb Lean

BRACKET (OPTIONAL)

P/N	DESCRIPTION
<u>AB4-23</u>	Bracket Assy, Bodwn Wire: B4-23, C2-1, S1-8

LEVERS

P/N	DESCRIPTION
AL1-7-1	Assembly, 44.4 mm (1.75") long (standard)
<u>AL1-7-2</u>	Assembly, with 6.4 mm (.25") ball stud, 44.4 mm (1.750") long
AL1-7-3	Assembly, 33.4 mm (1.313") long
AL1-7-4	Assembly, w/ swivel, 44.4 mm (1.75") long
<u>AL1-7-5</u>	Assembly, w/ Wisconsin swivel, 6.4 mm (0.25") mounting
AL1-8-1	Stop assembly, 6.4 mm (0.25") mounting I.D., 19.1 mm (.75") wide (standard)
<u>AL1-25-1</u>	Assembly, spring loaded, floating, 6.4 mm (0.25") mounting I.D., 34.9 mm (1.375") long
AL1-26-1	Assembly, floating, 6.4 mm (.25") mounting I.D., 54.0 mm (2.125") long
AL1-31	Assembly, shaft clamp, 6.4 mm (.250") mounting I.D., 49.2 mm (1.938") long

TAMPER RESISTANT MIXER ASSEMBLIES

P/N	BODY ASS'Y	AIR/GAS VALVE	AIR HORN DIA.	OVERALL WIDTH
		AV1-14925 (std.)		
<u>CT55M-5-1</u>	<u>AB1-35-4</u>	AV1-14925-3^		
		(rich)		
		AV1-14925 (std.)		
<u>CT55M-5-3</u>	<u>AB1-35-4</u>	AV1-14925-3^		
		(rich)		

EXPANSION PLUGS

P/N	DESCRIPTION
P3-17956-3	Expansion Plug

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