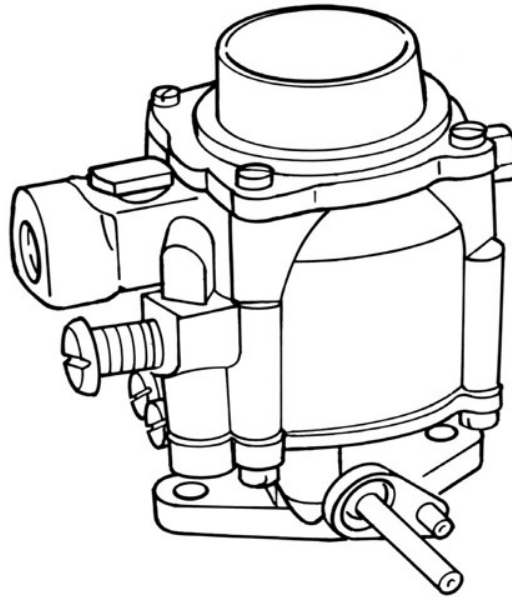


Model CA55-500L



DESCRIPTION

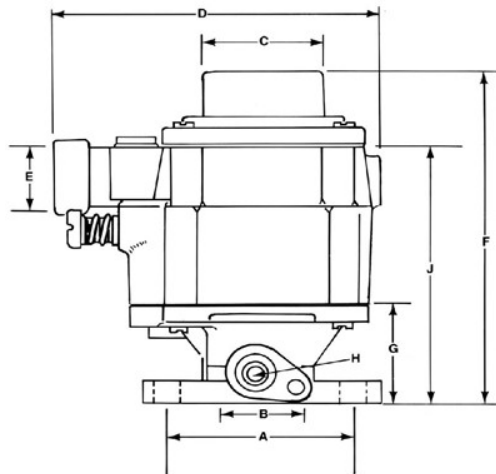
This Model CA55 is for use with either LPG Vapor or Natural Gas on engines up to 75 hp (55.9 kW) with a flow rate of 118 CFM (59.0 L/s). This flow-through design may be mounted in either a downdraft, updraft, or side draft configuration. Various air horns and flange sizes are available.

SPECIFICATIONS

Fuel Type	LPG Vapor or Natural Gas
Inlet Pressure	-1.5" w.c. (-0.37 kPa)
Operating Temperature Range.....	-40° F to +250° F (-40° C to +121° C)
Mounting Position	Any
Diaphragm Material	N/A
HP/kW Rating	Up to 75 hp (55.9 kW) @ 118 CFM (55.7 L/s) and 2.0" Hg manifold depression

Note: Where applicable, any product underlined and in red text is obsolete.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

DIMENSIONS



Model CA55-500L

Carburetors & Mixers



					A	B	C	D	E	F	G	H	J
Standard Carb	Mixer	Throttle Body	SAE Flange	Air Horn Adapt.	Ctr. To Ctr. Bolt Spacing	Bore	Air Horn Dia.	Overall Width	NPT Fuel Inlet	Overall Height	Throttle Body Height	Throttle Shaft Dia.	Flange to Top of Mixer
CA55-271	Replacement carburetor for Toyota 4Y engine												
<u>CA55-503^Δ</u>	CA55M-500	BT2-27-173	1-1/4"	<u>A2-66^Δ</u>	68.3 mm (2.375")	30.2 mm (1.188")	57.2 mm (1.875")	104.8 mm (4.125")	3/8"	112.7 mm (4.438")	33.4 mm (1.313")	6.4 mm (.250")	87.3 mm (3.438")
CA55-508	CA55M-500	AT2-27	1-1/4"	A2-39	68.3 mm (2.688")	30.2 mm (1.188")	52.4 mm (2.063")	104.8 mm (4.125")	3/8"	112.7 mm (4.438")	33.4 mm (1.313")	6.4 mm (.250")	87.3 mm (3.438")
<u>CA55-510^Δ</u>	CA55M-500	AT2-27	1-1/4"	A2-41	68.3 mm (2.688")	30.2 mm (1.188")	74.6 mm (2.938")	104.8 mm (4.125")	3/8"	117.5 mm (4.625")	33.4 mm (1.313")	6.4 mm (.250")	87.3 mm (3.438")
<u>CA55-524^Δ</u>	CA55M-500	BT2-26-6L	1"	A2-35	60.3 mm (2.375")	30.2 mm (1.188")	54.0 mm (2.125")	104.8 mm (4.125")	3/8"	112.7 mm (4.438")	33.4 mm (1.313")	6.4 mm (.250")	87.3 mm (3.438")
CA55-542	CA55M-500	BT2-26-4	1"	A2-35	60.3 mm (2.375")	30.2 mm (1.188")	54.0 mm (2.125")	104.8 mm (4.125")	3/8"	112.7 mm (4.438")	33.4 mm (1.313")	6.4 mm (.250")	87.3 mm (3.438")
CA55-553	CA55M-500	BT2-26-7	1"	<u>A2-65^Δ</u>	60.3 mm (2.375")	30.2 mm (1.188")	49.2 mm (1.938")	104.8 mm (4.125")	3/8"	128.6 mm (5.063")	33.4 mm (1.313")	6.4 mm (.250")	87.3 mm (3.438")
CA55-553-2 ^Δ	CA55M-500	<u>BT2-26-7^Δ</u>	1"	<u>A2-65^Δ</u>	60.3 mm (2.375")	30.2 mm (1.188")	49.2 mm (1.938")	104.8 mm (4.125")	3/8"	128.6 mm (5.063")	33.4 mm (1.313")	6.4 mm (.250")	87.3 mm (3.438")
CA55-576	CA55M-500	<u>BT2-44-1^Δ</u>		<u>A2-59^Δ</u>	53.0 mm (2.087")	27.0 mm (1.063")	43.0 mm (1.693")	104.8 mm (4.125")	3/8"	112.7 mm (4.438")	33.4 mm (1.313")	6.4 mm (.250")	87.3 mm (3.438")
CA55-577	CA55M-500	<u>BT2-44-2^Δ</u>		<u>A2-59^Δ</u>	53.0 mm (2.087")	27.0 mm (1.063")	43.0 mm (1.693")	104.8 mm (4.125")	3/8"	112.7 mm (4.438")	33.4 mm (1.313")	6.4 mm (.250")	87.3 mm (3.438")
CA55-577-2	CA55M-500	<u>BT2-44-2^Δ</u>		<u>A2-59^Δ</u>	53.0 mm (2.087")	27.0 mm (1.063")	43.0 mm (1.693")	104.8 mm (4.125")	3/8"	112.7 mm (4.438")	33.4 mm (1.313")	6.4 mm (.250")	87.3 mm (3.438")
CA55-577-3	CA55M-500	<u>BT2-44-2^Δ</u>			53.0 mm (2.087")	27.0 mm (1.063")	43.0 mm (1.693")	104.8 mm (4.125")	3/8"	112.7 mm (4.438")	33.4 mm (1.313")	6.4 mm (.250")	87.3 mm (3.438")
CA55-596*	CA55M-500	BT2-27-027	1-1/4"	<u>A2-61^Δ</u>	68.3 mm (2.688")	30.2 mm (1.188")	63.5 mm (2.500")	104.8 mm (4.125")	3/8"	103.2 mm (4.063")	33.4 mm (1.313")	6.4 mm (.250")	87.3 mm (3.438")
<u>CA55-596-2^Δ</u>	CA55M-500	BT2-27-027	1-1/4"	<u>A2-61-2^Δ</u>	68.3 mm (2.688")	30.2 mm (1.188")	63.5 mm (2.500")	104.8 mm (4.125")	3/8"	103.2 mm (4.063")	33.4 mm (1.313")	6.4 mm (.250")	87.3 mm (3.438")
CA55-598-2 ^Δ	CA55M-500	AT2-27-2	1-1/4"	<u>A2-61-2^Δ</u>	68.3 mm (2.688")	30.2 mm (1.188")	63.5 mm (2.500")	104.8 mm (4.125")	3/8"	103.2 mm (4.063")	33.4 mm (1.313")	6.4 mm (.250")	87.3 mm (3.438")
CA55-599-2	CA55M-500	<u>BT2-27-6^Δ</u>	1-1/4"	A2-61-2 ^Δ	68.3 mm (2.688")	30.2 mm (1.188")	63.5 mm (2.500")	104.8 mm (4.125")	3/8"	103.2 mm (4.063")	33.4 mm (1.313")	6.4 mm (.250")	87.3 mm (3.438")
CA55-756M	AB1-38	Mixer Only	N/A	A3-84	N/A	N/A	52.4mm (2 1/16")		3/8"			N/A	

COMPONENTS

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

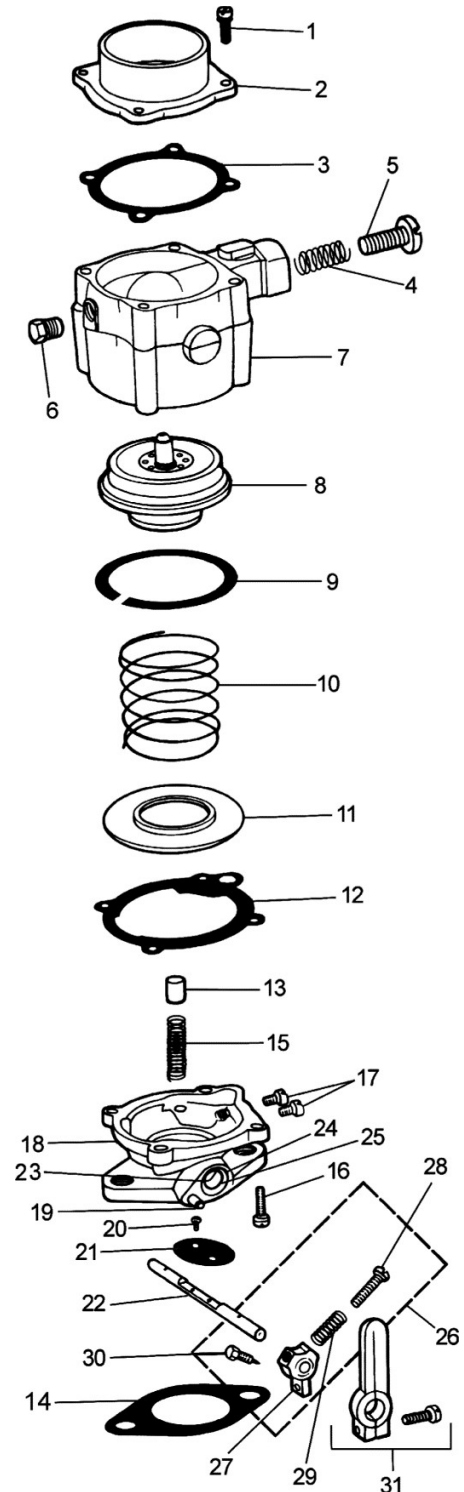
Model CA55-500L

Carburetors & Mixers



Item	Part	Description
1	S1-3	Screw, 10-24 x 5/8" SEMS (4)
2	See Table	Air Horn Adapter, Ref. to table in Acces.
3	G1-101	Gasket, air horn
4	NSS	Spring, Idle Screw
5	NSS	Screw, idle
6	NSS	Plug, 1/8" pipe
7	NSS	Body Assy
8	NSS*	Air Valve Assy (std.)
9	NSS*	Ring, Air Valve Sealing
10	NSS	Spring, Air Valve
11	NSS*	Plate Assy
12	NSS*	Gasket, Throttle Body to Mixer
13	NSS	Piston, Idle Cutoff
14	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
15	NSS	Spring, Idle Cutoff
16	S1-3*	Screw, 10-24 x 5/8" SEMS (4)
17	NSS	Screw, 1/4-28 x 5/16" (2)
18	NSS	Throat, 1/2" SAE flange
19	NSS	Pin, Throttle Stop
20	S1-22	Screw, 6-32 x 1/4" SEMS (2)
21	NSS	Butterfly, 19.1 mm (.750")
	NSS	Butterfly, 25.4 mm (1.000")
22	NSS	Throttle Shaft, 6.4 mm (.250") dia.
23	NSS	Bearing, Oilite, 6.4 mm (.250") ID. (2)
24	NSS	Seal, 6.4 mm (.250") shaft (2)
25	NSS	Ring, Seal Retainer (2)
26	AL1-8-1	Throttle Stop Ass'y., 6.4mm (.250") ID.
27	NSS	Throttle Stop Lever
28	NSS	Stop Screw, 10-32 x 3/4"
29	NSS	Spring, Idle Stop Screw
30	S1-18	Screw Pin, Throttle Stop
31	AL1-7-1	Throttle Lever w/Screw

*Included in repair kit



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

ASSEMBLIES & ACCESSORIES

MIXER ASSEMBLIES

MIXER	BODY ASSY	AIR/GAS VALVE	OVERALL WIDTH	OVERALL HEIGHT
CA55M-500	NSS	AV1-14925	104.8MM (4.125")	57.2MM (2.250")
CA55M-500-2	NSS	AV1-14926	104.8MM (4.125")	57.2MM (2.250")
CA55M-500-4	NSS	AV1-14925	104.8MM (4.125")	57.2MM (2.250")
CA55M-500-9	NSS	AV1-14925	104.8MM (4.125")	57.2MM (2.250")
CA55M-500	NSS	AV1-14925	104.8MM (4.125")	57.2MM (2.250")

THROTTLE BODIES

PART #	DESCRIPTION
AT2-25	3/4" SAE Flange 6.4mm (.250") shaft dia.
<u>AT2-25-2^</u>	advance
AT2-26	1" SAE Flange 6.4mm (.250") shaft dia.
AT2-26-2	advance
AT2-27	1 1/4" SAE Flange 6.4mm (.250") shaft dia.
AT2-27-2	advance
<u>AT2-27-4^</u>	AS2-50-1
<u>AT2-44-577^</u>	Metric, 53.0mm (2.087") 1-1/16" bore, offset (modified)

AIR HORN ADAPTERS

PART #	DESCRIPTION
<u>A2-36^</u>	1.500" (38.1mm) dia.
<u>A2-37^</u>	1 5/8" (41.3mm) dia.
A2-38^	1 7/8" (47.6mm) dia.
A2-39	2 1/16" (52.4mm) dia.
A2-41	2.312" (58.8mm) dia.
<u>A2-44^</u>	AF1-5 Air Cleaner to CA55-500 Series Adapter
A2-59^	Adapter, Air Cleaner 1.69" OD
<u>A2-61-2^</u>	Air Horn Adapt., tapped 8 mm
A2-65^	Air Horn, Toyot 4Y CA55

LEVERS (See Lever Section for Other Lever Options)

PART #	DESCRIPTION
<u>AL1-25-1^</u>	mounting ID, 54.00mm (2.125") Long
AL1-26-1	(2.125") Long
AL1-31	49.2mm (1.938") Long

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