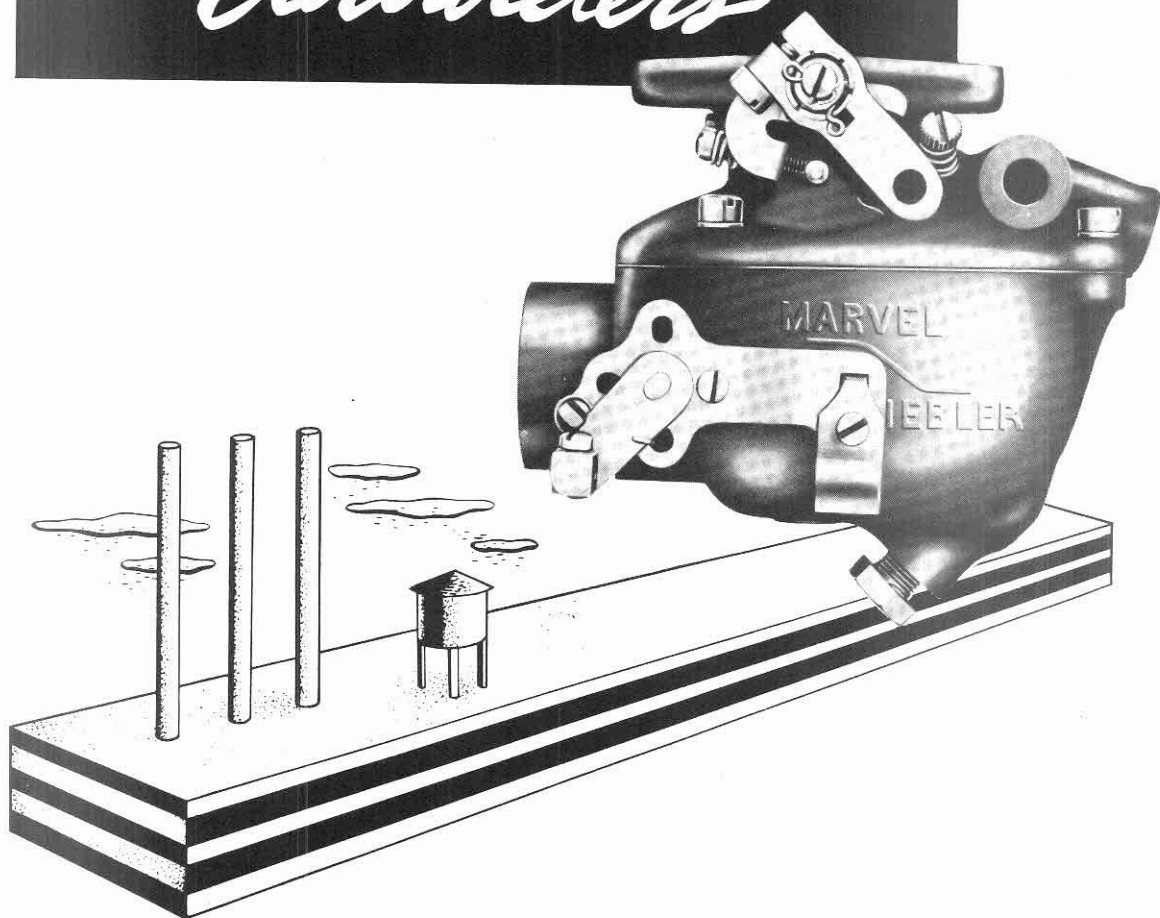


INDUSTRIAL

Carbureters



MARVEL-SCHEBLER PRODUCTS DIVISION,

BORG-WARNER CORPORATION

DECATUR, ILLINOIS, U. S. A.

Warranty

Marvel-Schebler Products Division, Borg-Warner Corporation, warrant its carbureters against defects in material and workmanship for a period of ninety days. Defective merchandise will be replaced without charge but labor charges incurred in the removal, disassembly or reinstallation of such products will not be allowed. No merchandise can be returned without written permission from the factory, transportation charges must be prepaid. The factory shall be the sole judge of defects in products returned.

A ten per cent handling charge will be made for all merchandise returned that is not defective. All prices are subject to change without notice, and we reserve the right to limit quantities and to make partial shipments unless specifically instructed otherwise. The obligation of the company under this warranty is limited to replacing at the factory, any complete units or parts thereof which shall be returned and which our examination shall disclose to have been defective.

Introduction...

This section of the master manual is an individual parts catalog of all service parts for Marvel-Schebler carbureters listed on the identification charts. The catalog is broken down into groups of fifteen carbureters; each group containing an identification chart, an exploded drawing of a composite carbureter, and a parts list. Each part in the illustration bears a reference number which keys together the illustration and parts list.

NOTE: The illustration does not represent any specific carbureter within a series, but is typical of all of them. All parts that look different are shown adjacent to the part of the basic carbureter that they replace.

TO USE THE CATALOG

- (1) Locate the group which contains the carbureter in question by referring to the identification charts.
- (2) Visually locate the part desired in the exploded drawing and note its reference number.
- (3) Turn to the parts list opposite the reference number of the part for its complete part name and part number.

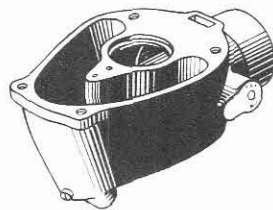
CLARK — INDUSTRIAL CARBURETERS

ISSUED FEBRUARY 1952

Year	Model Application	Engine	Carbureter Number	Carbureter Part No.	Fuel	Superseded by	Customer Part No.	Repair Kit No.	*Gasket Kit No.	Float Valve & Seat Assy
1940	Clark Tractor & Carloader.	F-124	TSX-79	10-2321	Gasoline		CL-713-2	286-642	16-613	233-536
1941	Clark Clarkat "B"	Y-112	TSX-80	10-2324	Gasoline		CL-713-3	286-643	16-613	233-536
....	Clark Clarkat "C"	Y-112	TSX-286	10-3079	Gasoline	TSX-326		286-799	16-613	233-536
....	Clark Yardlift "20" and Clipper Fork Truck	Y-91	TSX-289	10-3073	Gasoline		617404 (A240M33)	286-824	16-613	233-536
1947	Clark Carloader (late)	F-124	TSX-297	10-3102	Gasoline		617403 (A240M32)	286-825	16-613	233-536
....	Clark Clarkat "C"	Y-112	TSX-326	10-3152	Gasoline		617405 (A240M34)	286-855	16-613	233-536

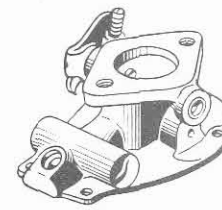
* The flange gasket can be supplied separately. Specify the carbureter number when ordering.

BASIC SUBASSEMBLIES



CARBURETER BODY ASSY

Carbureter Number	Part Number
TSX-79	10-2322
TSX-80	10-2323
TSX-286	10-3080
TSX-289	10-3144
TSX-297	10-3140
TSX-326	10-3153



THROTTLE BODY & SHAFT ASSY

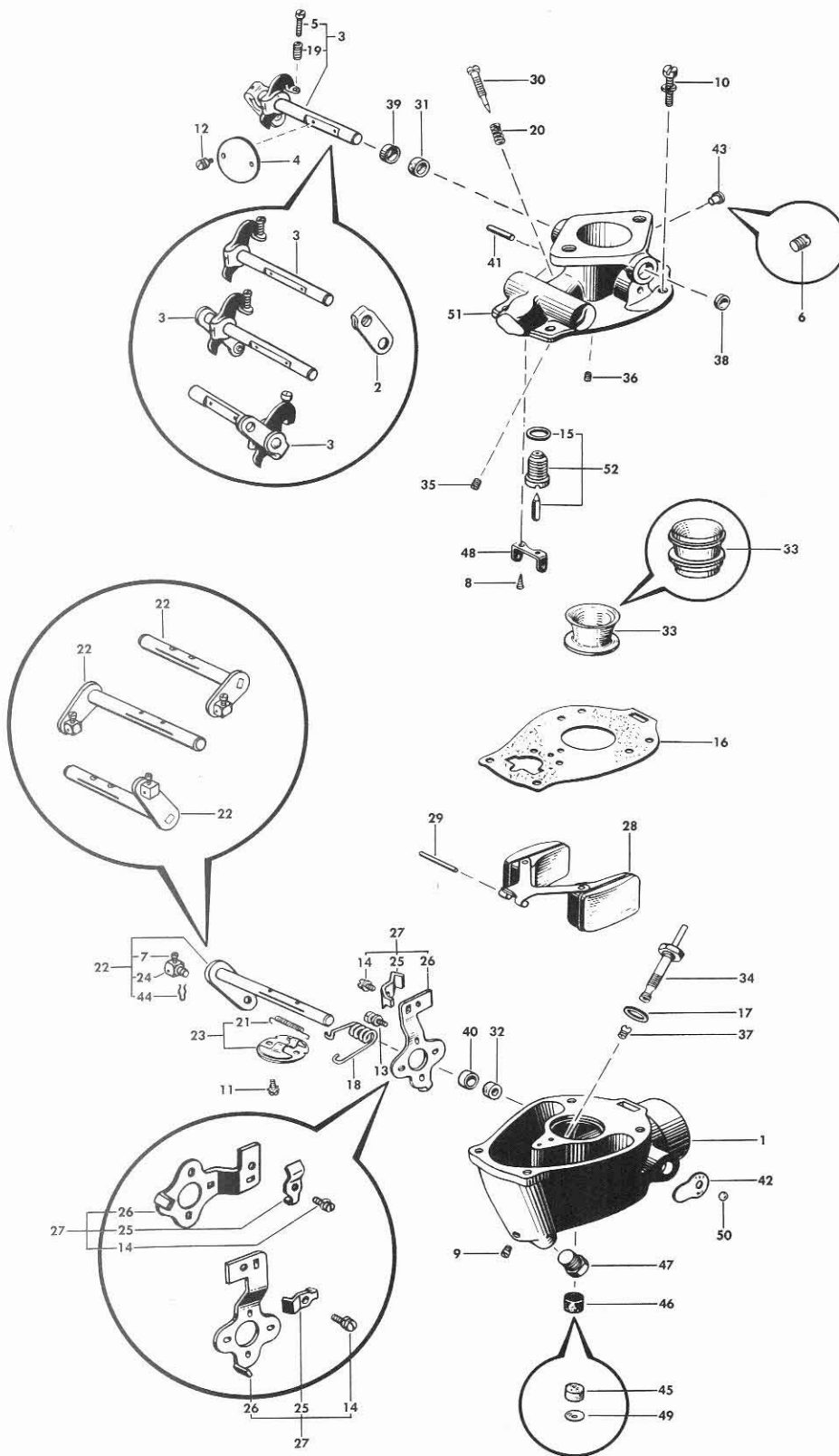
Carbureter Number	Part Number
TSX-79	227-755
TSX-80	227-757
TSX-286	227-1098
TSX-289	227-1118
TSX-297	227-1116
TSX-326	227-1120

CLARK

Ref. No.	Part Name	Part No.	TSX-79	TSX-80	TSX-286	TSX-289	TSX-297	TSX-326
1	Body Assy — Carbureter	(See Basic Subassembly)	1	1	1	1	1	1
2	Lever — Throttle	12-311	1	1	-	-	-	-
3	Shaft, Stop, & Lever Assy — Throttle	13-820	1	1	-	-	-	-
		13-881	-	-	1	-	-	1
		13-979	-	-	-	-	1	-
		13-985	1	1	1	-	1	1
4	Valve — Throttle (20°)	14-169	-	-	-	1	-	-
	(15°)	14-175	-	-	-	1	-	-
5	Screw — Throttle Stop (No. 8-32 x 3/4)	15-42	1	1	1	-	1	1
	(No. 8-32 x 5/8)	15-118	-	-	-	1	-	-
6	Screw — Idle Drilling (Headless, 1/4-28)	15-223	1	1	1	1	1	-
7	Screw — Choke Swivel (No. 8-32 x 5/16)	15-285	1	1	1	1	1	1

CLARK — INDUSTRIAL

TSX-79 to TSX-326



Marvel-Schebler Products Division, Borg-Warner Corporation, Decatur, Illinois, U. S. A.

CLARK			TSX-79	TSX-80	TSX-286	TSX-289	TSX-297	TSX-326
Ref. No.	Part Name	Part No.						
8	Screw — Drive, Float Bracket (No. 2 x 1/4) ..	15-343	2	2	2	2	2	2
9	Screw — Drill Plug, Nozzle Hole (No. 8-32) ..	15-409	-	-	-	-	-	1
10	Screw & Lock Washer Assy — Throttle Body to Bowl (No. 12-24 x 5/8) ..	15-A82	4	4	4	4	4	4
11	Screw & Lock Washer Assy — Choke Valve (No. 4-40 x 1/4) ..	15-A91	2	2	2	2	2	2
12	Screw & Lock Washer Assy — Throttle Valve (No. 4-40 x 1/4) ..	15-A91	2	2	2	2	2	2
13	Screw & Lock Washer Assy — Choke Bracket to Body (No. 8-32 x 3/8) ..	15-A93	1	1	1	1	1	1
14	Screw & Lock Washer Assy — Choke Bracket (No. 8-32 x 5/16) ..	15-A99	1	1	1	1	1	1
15	Gasket — Float Valve Seat ..	16-4	1	1	1	1	1	1
16	Gasket — Throttle Body to Bowl ..	16-80	1	1	1	1	1	1
17	Gasket — Main Nozzle ..	16-449	1	1	1	1	1	1
18	Spring — Choke Return ..	24-153	1	1	1	1	1	1
19	Spring — Throttle Stop Screw ..	24-262 24-485	1	1	1	-	1	1
20	Spring — Idle Needle ..	24-340	1	1	1	1	1	1
21	Spring — Choke Valve Flapper ..	24-425	1	1	1	1	1	1
22	Shaft & Lever Assy — Choke ..	26-637 26-659 26-660 26-662	-	-	-	1	-	-
23	Valve Assy — Choke ..	27-539	1	1	1	1	1	1
24	Swivel — Choke Lever ..	28-49	1	1	1	1	1	1
25	Clip — Choke Bracket ..	29-81	1	1	1	1	1	1
26	Bracket — Choke ..	29-86 29-125	1	1	1	1	-	1
27	Bracket Assy — Choke ..	29-520 29-539	1	1	1	1	-	1
28	Float & Lever Assy ..	30-600	1	1	1	1	1	1
29	Shaft — Float Lever ..	32-27	1	1	1	1	1	1
30	Needle — Idle Adjusting ..	43-33	1	1	1	1	1	1
31	Packing — Throttle Shaft ..	* 44-38	1	1	1	1	1	1
32	Packing — Choke Shaft ..	† 44-39	1	1	1	1	1	1
33	Venturi (19/32" Diameter Throat) ..	46-424	-	-	1	1	-	-
	(25/32" Diameter Throat) ..	46-457	-	-	-	-	-	1
	(11/16" Diameter Throat) ..	46-467	1	1	-	-	1	-
34	Nozzle — Main ..	47-257 47-268	-	-	1	-	-	-
	Nozzle Assy — Main ..	47-589 47-612 47-633 47-685	1	-	-	-	-	-
35	Jet — Idle ..	49-101-L 49-165 49-203	1	-	1	1	1	1
36	Jet — Economizer ..	49-145 49-163	1	-	-	-	-	-
37	Jet — Power ..	49-153 49-176 49-192 49-196	-	-	1	1	-	-

* 44-38 replaced by 44-63. No retainer is required when new packing is used.

† 44-39 replaced by 44-66. No retainer is required when new packing is used.

CLARK — INDUSTRIAL

TSX-79 to TSX-326

CLARK			TSX-79	TSX-80	TSX-286	TSX-289	TSX-297	TSX-326
Ref. No.	Part Name	Part No.						
38	Cup — Throttle Shaft	55-230	—	—	1	1	1	1
39	Retainer — Throttle Shaft Packing	55-231	1	1	1	1	1	1
40	Retainer — Choke Shaft Packing	55-243	1	1	1	1	1	1
41	Pin — Throttle Stop	62-167	1	1	1	1	1	1
42	Plate — Numbering	(Specify TSX Number)	1	1	1	1	1	1
43	Plug — Idle Drilling	80-171	1	—	—	—	—	1
44	Cotter — Hairpin (Choke Swivel)	82-16	1	1	1	1	1	1
45	Strainer — Fuel Drain	‡95-40	1	1	1	1	1	1
46	Strainer — Fuel Drain	‡95-78	1	1	1	1	1	1
47	Plug — Bowl Drain	99-7	1	1	1	1	1	1
48	Bracket — Float	136-54	1	1	1	1	1	1
49	Plug — Expansion, Fuel Drain	‡179-35	1	1	1	1	1	1
50	Ball — Numbering Plate	206-36	1	1	1	1	1	1
51	Throttle Body & Shaft Assy	(See Basic Subassy)	1	1	1	1	1	1
52	Valve & Seat Assy — Float	233-536	1	1	1	1	1	1

‡ Production previous to July, 1947 used part number 95-40 with part number 179-35. These parts are not replaced with part number 95-78 but are still supplied for service.