

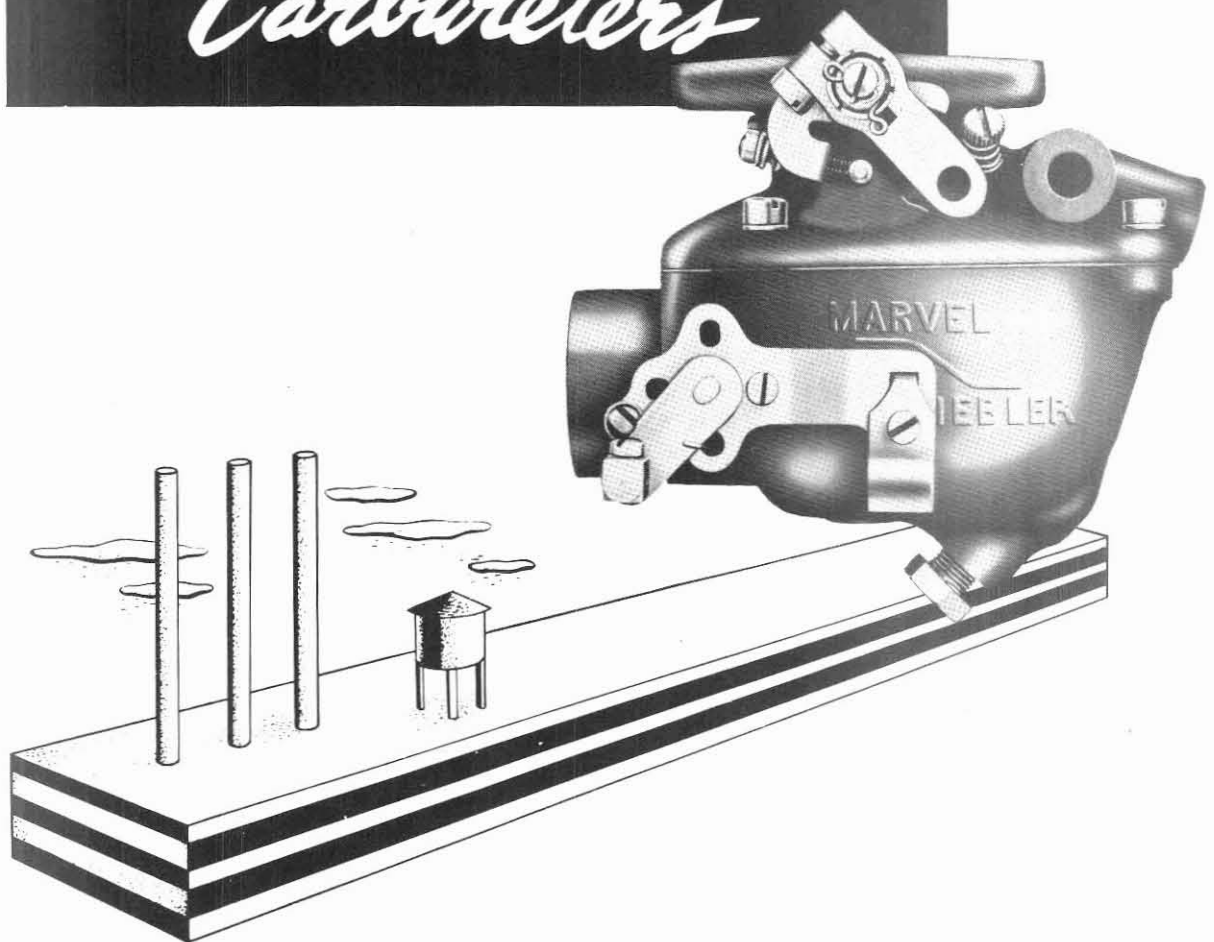
SECTION II

DIVCO

TSX SERIES

INDUSTRIAL

Carburetors



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 divided into groups of 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.

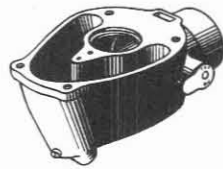
DIVCO — INDUSTRIAL CARBURETERS

ISSUED FEBRUARY 1953

Model Application	Engine	Carbureter Number	Fuel	Superseded by	Customer Part No.	Repair Kit No.	Gasket Kit No.	Float Valve & Seat Assy
.....	F4162	TSX-206	Gasoline		4900	286-774	16-613	233-536
.....	F4162	TSX-206-1	Gasoline		4900		16-613	233-536
.....	F162	TSX-398	Gasoline		5536	286-899	16-613	233-536

◆ The repair kit includes the throttle shaft float valve and seat assembly, and the gasket kit.

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

BASIC SUBASSEMBLIES**CARBURETER BODY ASSY**

Carbureter Number	Part Number
TSX-206	10-2800
TSX-206-1	10-2800-1
TSX-398	10-3334

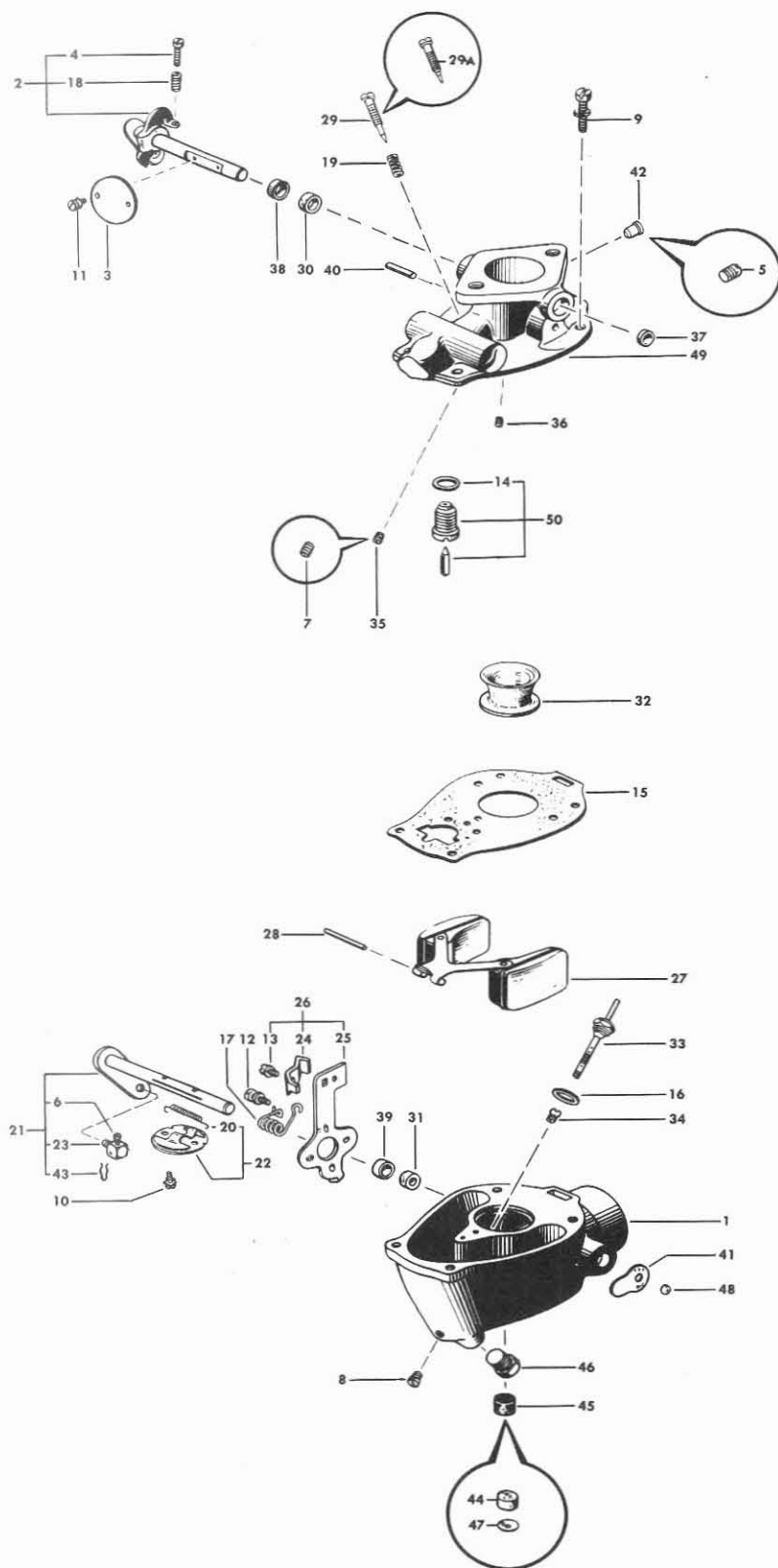
**THROTTLE BODY & SHAFT ASSY**

Carbureter Number	Part Number
TSX-206	227-1002
TSX-206-1	227-1002
TSX-398	227-1200

DIVCO

Ref. No.	Part Name	Part No.	TSX-206	TSX-206-1	TSX-398
1	Body Assy — Carbureter	(See Basic Subassembly)	1	1	1
2	Shaft, Stop, & Lever Assy — Throttle	13-907	1	1	1
3	Valve — Throttle (15°)	14-175	1	1	1
4	Screw — Throttle Stop (No. 8-32 x 5/8)	15-118	1	1	1
5	Screw — Idle Drilling (Headless, 1/4-28)	15-223	—	1	1
6	Screw — Choke Swivel (No. 8-32 x 5/16)	15-285	1	1	1
7	Screw — Drill Plug, Idle Passage	15-392	—	—	1
8	Screw — Drill Plug, Nozzle Hole (No. 8-32)	15-409	1	—	—
9	Screw & Lock Washer Assy — Throttle Body to Bowl (No. 12-24 x 5/8)	15-A82	4	4	4
10	Screw & Lock Washer Assy — Choke Valve (No. 4-40 x 1/4) ..	15-A91	2	2	2
11	Screw & Lock Washer Assy — Throttle Valve (No. 4-40 x 1/4) ..	15-A91	2	2	2
12	Screw & Lock Washer Assy — Choke Bracket to Body (No. 8-32 x 3/8)	15-A93	1	1	1
13	Screw & Lock Washer Assy — Choke Bracket (No. 8-32 x 5/16) ..	15-A99	1	1	1
14	Gasket — Float Valve Seat	16-4	1	1	1
15	Gasket — Throttle Body to Bowl	16-80	1	1	1
16	Gasket — Main Nozzle	16-449	1	1	1
17	Spring — Choke Return	24-153	1	1	1
18	Spring — Throttle Stop Screw	24-485	1	1	1
19	Spring — Idle Needle	24-340	1	1	1
20	Spring — Choke Valve Flapper	24-425	1	1	1
21	Shaft & Lever Assy — Choke	26-637	1	1	1

DIVCO — INDUSTRIAL
TSX-206 to TSX-398



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

DIVCO			TSX-206	TSX-206-1	TSX-398
Ref. No.	Part Name	Part No.			
22	Valve Assy — Choke	27-539	1	1	1
23	Swivel — Choke Lever	28-49	1	1	1
24	Clip — Choke Bracket	29-81	1	1	1
25	Bracket — Choke	29-125	1	1	1
26	Bracket Assy — Choke	29-539	1	1	1
27	Float & Lever Assy	30-600	1	1	1
28	Shaft — Float Lever	32-27	1	1	1
29	Needle — Idle Adjusting	43-33	1	1	—
29A	Needle — Idle Adjusting	43-159	—	—	1
30	Packing — Throttle Shaft	44-38	1	1	1
31	Packing — Choke Shaft	44-39	1	1	1
32	Venturi (23/32" Diameter Throat)	46-476	1	1	1
33	Nozzle Assy — Main	47-589	1	—	—
		47-634	—	1	—
		47-685	—	—	1
34	Jet — Power	49-171	—	—	1
		49-196	—	1	—
		49-204	1	—	—
35	Jet — Idle	49-165	1	1	—
36	Jet — Economizer	49-273	—	—	1
37	Cup — Throttle Shaft	55-230	1	1	1
38	Retainer — Throttle Shaft Packing	55-231	—	1	1
39	Retainer — Choke Shaft Packing	55-243	1	1	1
40	Pin — Throttle Stop	62-167	1	1	1
41	Plate — Numbering	(Specify TSX Number)	1	1	1
42	Plug — Idle Drilling	80-171	1	—	—
43	Cotter — Hairpin (Choke Swivel)	82-16	1	1	1
44	Strainer — Fuel Drain	*95-40	1	1	1
45	Strainer — Fuel Drain	*95-78	1	1	1
46	Plug — Bowl Drain	99-7	1	1	1
47	Plug — Expansion, Bowl Drain	*179-35	1	1	1
48	Ball — Numbering Plate	206-36	1	1	1
49	Throttle Body & Shaft Assy	(See Basic Subassembly)	1	1	1
50	Valve & Seat Assy — Float	233-536	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.

TEMPORARY SERVICE PARTS LIST - INSERT IN THE PROPER SECTION OF YOUR MANUAL

Hercules Engine JXLD-ER
210 CFM Air Compressor

Davey Compressor #A41498

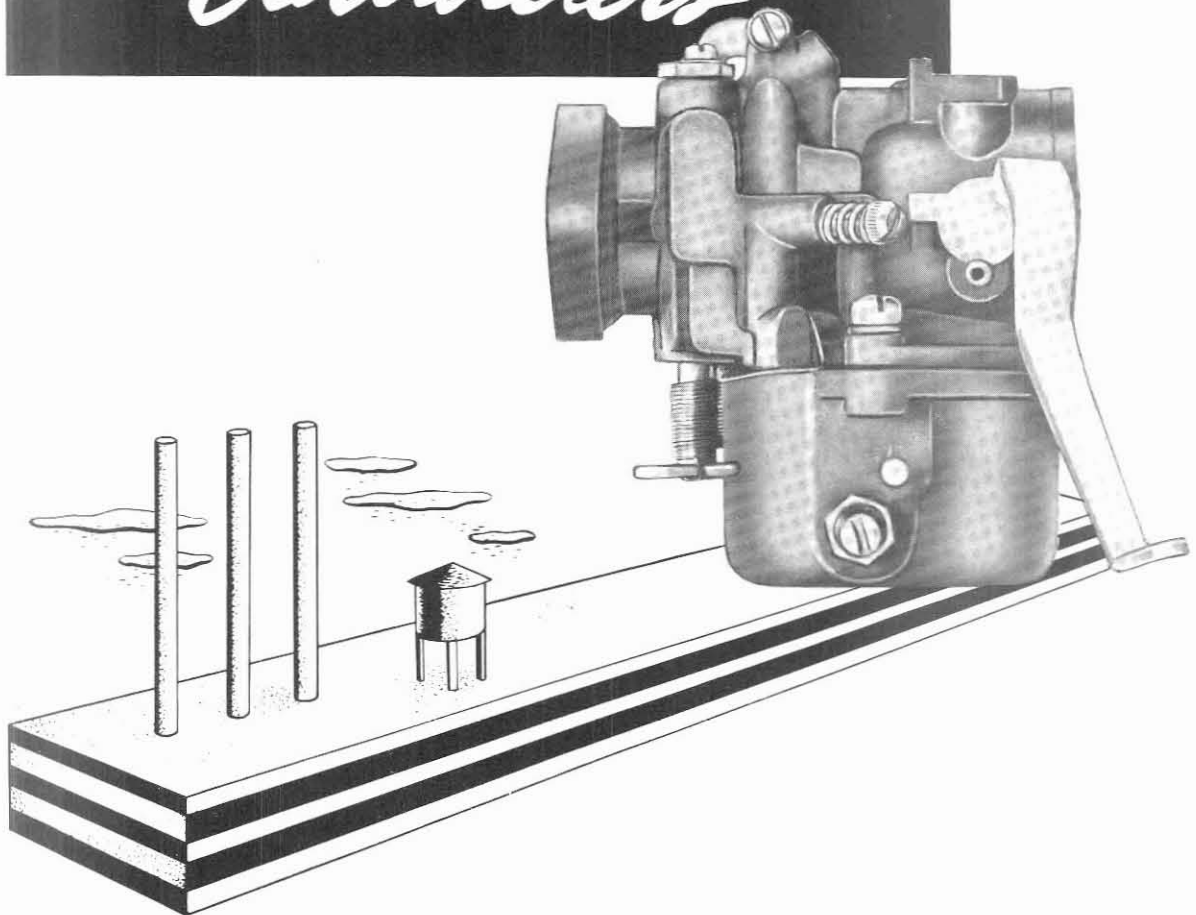
USX-26

PART NO.	QUAN.	PART NAME
10-4569	1	Carbureter Body Assembly
12-1044	1	Throttle Lever Assembly
13-1319	1	Throttle Shaft Assembly
14-244	1	Throttle Fly (1-11/16 Diameter)
15-42	1	Screw (#8-32 x 3/4) Fillister Head (Throttle Stop)
15-108	1	Screw (#8-32 x 5/16) Slotted Hex Head (Choke Swivel)
15-483	2	Screw (#6-32 x 1/4) Pan Head SEMS (Choke Fly)
15-A93	2	Screw (#8-32 x 3/8) Pan Hd. SEMS (Choke Bracket)
15-A211	2	Screw (#8-32 x 1/4) Pan Hd. SEMS (Throttle Fly)
15-A213	10	Screw (#8-32 x 1/2) Fill. Hd. SEMS (Bowl Cover-7)(Pump Cover-3)
15-A295	1	Screw (#8-32 x 1/2) Slot. Hex Hd. SEMS (Choke Clip)
15-A390	2	Screw (#1/4-40 x 1/4) Drill Plug (Bowl Drain)
15-B10	1	Screw (#10-40 x 1/4) Drill Plug (Needle Seat)
16-4	1	Gasket - Nozzle Plug
16-364	1	Gasket - Strainer
16-704	1	Gasket Assortment
16-A316	1	Gasket - Bowl Cover
16-A451	2	Gasket (Nozzle-1)(Float Valve Seat-1)
24-262	1	Spring - Throttle Stop Screw
24-A223	1	Spring - Pump Diaphragm
24-A425	1	Spring - Choke Return
25-664	1	Choke Lever Assembly
26-873	1	Choke Shaft Assembly
27-241	1	Fly - Choke
28-110	1	Swivel - Choke
29-81	1	Clip - Choke Bracket
29-104	1	Bracket - Choke
29-577	1	Bracket Assembly
30-747	1	Float & Lever Assembly
32-16	1	Float Shaft
43-734	1	Idle Adjusting Screw (Nyl-Lok)
44-63	1	Packing - Choke
44-142	1	Packing - Throttle
47-A66	1	Nozzle
49-420	1	Jet - Idle Fuel
49-A4	1	Jet - Minimum Fuel Restriction
49-526	1	Jet - Pump Discharge Jet Assembly
55-230	1	Choke Shaft Cup
55-255	1	Retainer - Throttle Shaft Packing
56-162	1	Bowl - Cover
62-167	1	Pin - Throttle Stop
78-299	1	Washer - Choke Packing Retainer
78-A47	1	Washer - Choke Lever Retainer (Tru Arc)
80-249	1	Plug - Throttle Shaft Hole
80-252	1	Plug - Nozzle
82-16	1	Cotter - Choke Swivel
95-527	1	Screen Assembly
158-540	1	Housing - Pump Assembly
179-46	2	Expansion Plug (Economizer Drill-1)(Bowl Vent-1)
206-72	2	Bearing - Needle
233-601	1	Matched Float, Valve and Seat Assembly
237-516	1	Diaphragm - Pump Assembly
286-1386		Repair Kit

SECTION II
LAUSON
POWER PRODUCTS
AH SERIES

INDUSTRIAL

Carbureters



MARVEL-SCHEBLER PRODUCTS DIVISION,
BORG-WARNER CORPORATION

DECATUR, ILLINOIS, U. S. A.