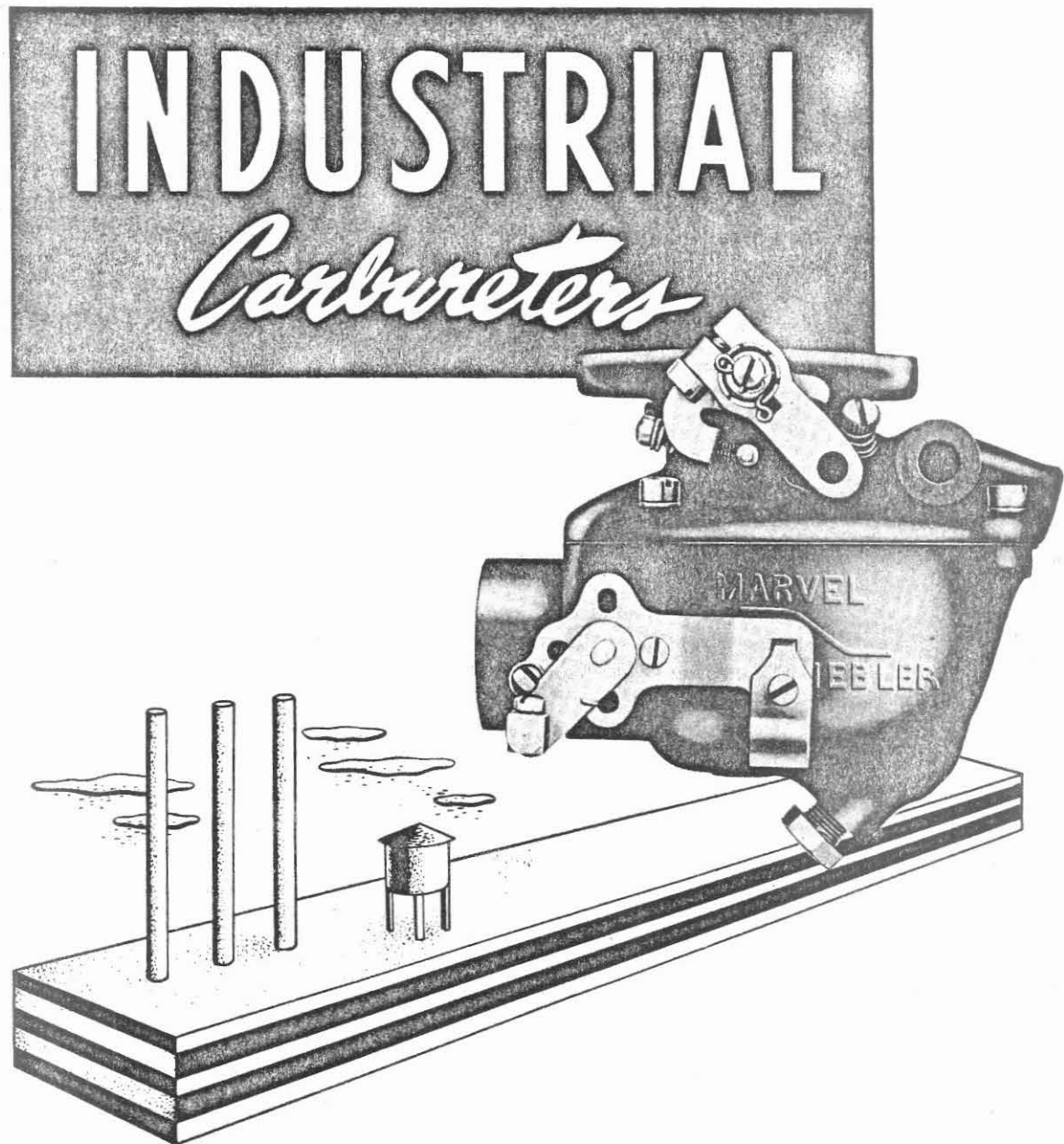




MARVEL-SCHEBLER PRODUCTS DIVISION,
BORG-WARNER CORPORATION

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.

JAEGER — INDUSTRIAL CARBURETERS

ISSUED FEBRUARY 1952

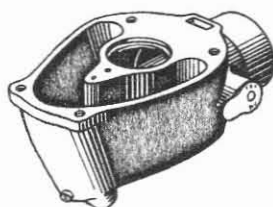
Year	Model Application	Engine	Carburetor Number	Carburetor Part No.	Fuel	Superseded by	Customer Part No.	Repair Kit No.	±Gasket Kit No.	Float Valve & Seat Assy
.....	Jaeger Service, except Truck-mixer and Air Compressor	Cont. M-330	TSX-81	10-2325	Gasoline	.....	.....	286-641	16-594	233-543
.....	Jaeger Truckmixer (Battery & Magneto Ignition)	Cont. F-140	TSX-103	10-2420	Gasoline	TSX-339	.....	286-655	16-613	233-536
.....	Jaeger 105 cu. ft. Air Compressor	& F-162 Cont. F-226	TSX-105	10-2411	Gasoline	†TSX-303	.....	286-660	16-594	233-543
.....	Jaeger Truckmixer (Battery & Magneto Ignition)	Cont. F-140	TSX-142	10-2605	Gasoline	*TSX-339	.....	286-644	16-613	233-536
.....	Jaeger 105 cu. ft. Air Compressor	& F-162 Cont. F-226	TSX-238	10-2908	Gasoline	TSX-303	.....	286-761	16-594	233-543
.....	Jaeger 105 cu. ft. Air Compressor	Cont. F-226	TSX-257	10-2977	Gasoline	TSX-303	.....	286-768	16-594	233-543
1945	Jaeger 60 cu. ft. Air Compressor	Cont. F-140	TSX-258	10-2968	Gasoline	.....	.....	286-769	16-613	233-536
.....	Jaeger 210 cu. ft. Air Compressor	Cont. B-427	TSX-259	10-3010	Gasoline	.....	.....	286-768	16-594	233-543
.....	Jaeger 105 cu. ft. Air Compressor	Cont. F-226	TSX-303	10-3218	Gasoline	.....	.....	286-878	16-594	233-543
.....	Jaeger Truckmixer (Battery Ignition)	Cont. F-226	TSX-307	10-3146	Gasoline	.....	.....	286-841	16-594	233-543
1947	Jaeger Truckmixer (Magneto Ignition)	Cont. F-140	TSX-330	10-3224	Gasoline	.....	.....	286-851	16-634	233-536
.....	Jaeger Truckmixer (Battery Ignition)	& F-162 Cont. F-140	TSX-339	10-3198	Gasoline	.....	.....	286-852	16-634	233-543
.....	Jaeger Truckmixer (Magneto Ignition)	Cont. F-226	TSX-355	10-3281	Gasoline	.....	.....	286-905	16-594	233-543
.....	Jaeger 160 cu. ft. Air Compressor	Cont. M-330	TSX-383	10-3321	Gasoline	.....	.....	286-911	16-594	233-543

* Battery Ignition only. Magneto Ignition units superseded by TSX-330.

† 105 cu. ft. Air Compressor only. F-226 Truckmixer units superseded by TSX-355.

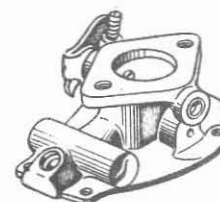
± The flange gasket can be supplied separately. Specify the carburetor number when ordering.

BASIC SUBASSEMBLIES



CARBURETER BODY ASSY

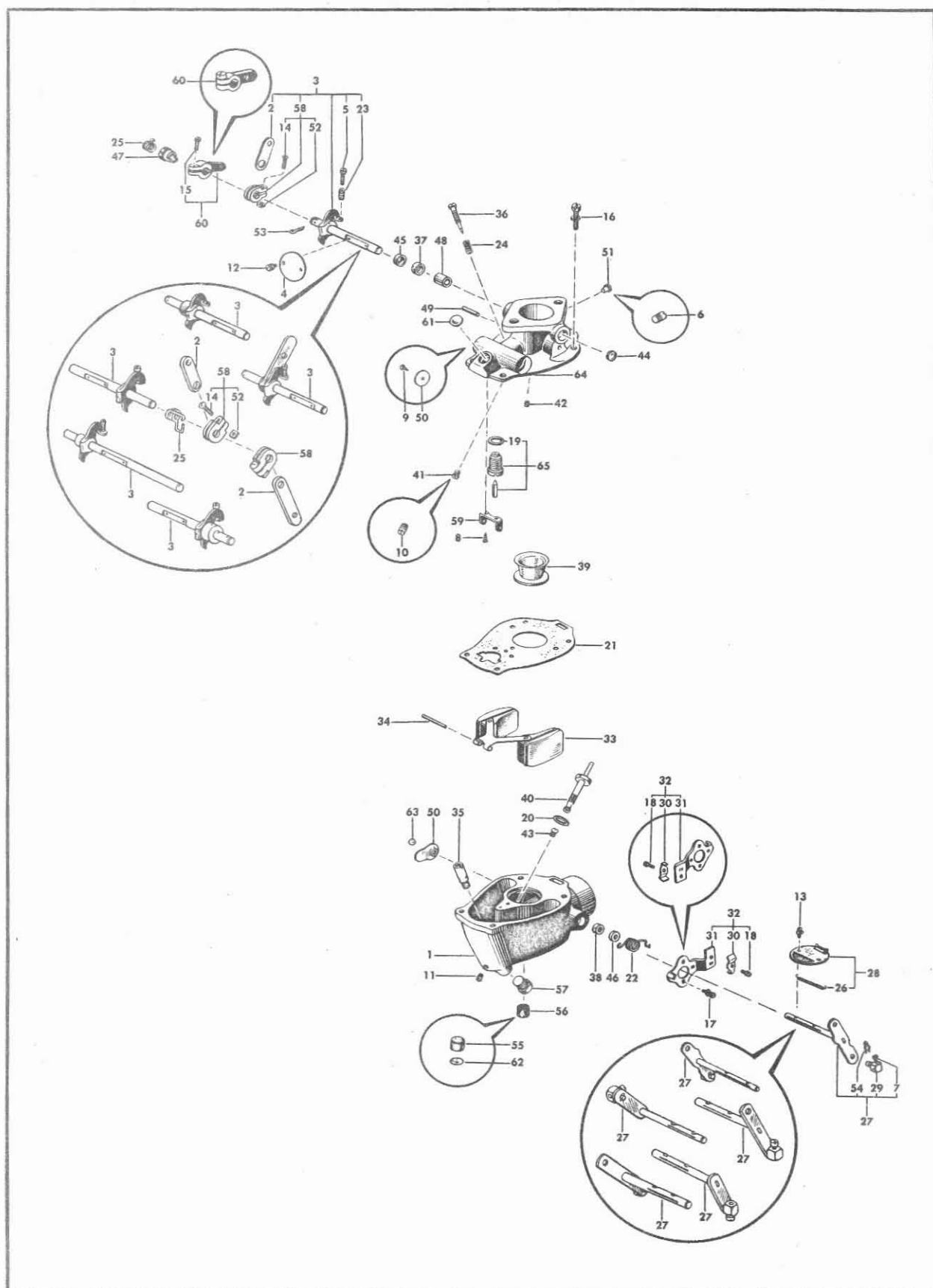
Carburetor Number	Part Number
TSX-81	10-2335
TSX-103	10-2418
TSX-105	10-2409
TSX-142	10-2606
TSX-238	10-2909
TSX-257	10-2978
TSX-258	10-2969
TSX-259	10-3011
TSX-303	10-3219
TSX-307	10-3161
TSX-330	10-3225
TSX-339	10-3223
TSX-355	10-3291
TSX-383	10-3011



THROTTLE BODY & SHAFT ASSY

Carburetor Number	Part Number
TSX-81	227-767
TSX-103	227-816
TSX-105	227-812
TSX-142	227-753
TSX-238	227-1042
TSX-257	227-1056
TSX-258	227-1054
TSX-259	227-1071
TSX-303	227-1150
TSX-307	227-1126
TSX-330	227-1152
TSX-339	227-1145
TSX-355	227-1172
TSX-383	227-1191

JAEGER — INDUSTRIAL
TSX-81 to TSX-383



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

J A E G E R			TSX-81	TSX-103	TSX-105	TSX-142	TSX-238	TSX-257	TSX-258	TSX-259	TSX-303	TSX-307	TSX-330	TSX-339	TSX-355	TSX-383
Ref. No.	Part Name	Part No.														
1	Body Assy — Carbureter	(See Basic Subassy)	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	Lever — Throttle, Loose	12-A93	-	-	-	-	-	-	1	-	-	-	-	-	-	-
		12-A131	-	-	-	-	-	1	-	1	-	1	-	-	-	1
3	Throttle Shaft, Stop, & Lever Assy	13-950	-	-	-	-	-	-	1	-	-	-	-	-	-	-
		13-996	-	-	-	-	-	-	-	-	-	-	-	1	-	-
	Throttle Shaft, Stop, & Collar Assy	13-818	-	1	-	1	-	-	-	-	-	-	1	-	-	-
		13-819	1	-	1	-	-	-	-	-	-	-	-	-	1	-
		13-931	-	-	-	-	1	-	-	-	-	-	-	-	-	-
		13-951	-	-	-	-	-	1	-	1	1	-	-	-	-	1
		13-987	-	-	-	-	-	-	-	-	-	1	-	-	-	-
4	Valve — Throttle (22°)	14-163	1	-	1	-	1	1	-	1	1	1	-	-	1	1
	(20°)	14-169	-	1	-	1	-	-	1	-	-	-	-	-	-	-
	(15°)	14-175	-	-	-	-	-	-	-	-	-	-	1	1	-	-
5	Screw — Throttle Stop (No. 8-32 x 3/4)	15-42	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	Screw — Idle Drilling (Headless, 1/4-28)	15-223	-	-	-	1	-	-	1	-	-	-	1	1	-	-
	(Headless, 5/16-24)	15-274	1	-	1	-	1	1	-	1	1	1	-	-	1	1
7	Screw — Choke Swivel (No. 8-32 x 5/16)	15-285	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	Screw — Drive, Float Bracket (No. 2 x 1/4)	15-343	2	2	2	2	-	2	2	2	2	2	2	2	2	2
	(No. 4 x 1/4)	15-497	-	-	-	-	2	-	-	-	-	-	-	-	-	-
9	Screw — Drive, Name Plate (No. 2 x 1/4)	15-343	1	-	1	-	1	1	-	1	1	1	-	-	1	1
10	Screw — Drill Plug, Idle Channel	15-392	-	-	-	-	-	-	-	-	-	-	1	1	-	-
11	Screw — Drill Plug, Nozzle Hole (No. 8-32)	15-409	-	1	-	-	-	-	-	-	-	-	-	-	-	-
12	Screw & Lock Washer Assy — Throttle Valve (No. 6-32 x 1/4)	15-483	2	-	2	-	2	2	-	2	2	2	-	-	2	2
	(No. 4-40 x 1/4)	15-A91	-	2	-	2	-	-	2	-	-	-	2	2	-	-
13	Screw & Lock Washer Assy — Choke Valve (No. 6-32 x 1/4)	15-483	2	-	2	-	2	2	-	2	2	2	-	-	2	2
	(No. 4-40 x 1/4)	15-A91	-	2	-	2	-	-	2	-	-	-	2	2	-	-
14	Screw — Clevis Clamp (No. 10-24 x 5/8)	15-A55	-	-	-	-	-	1	1	2	2	2	-	2	-	2
15	Screw & Lock Washer Assy — Governor Lever Clamp (No. 12-24 x 5/8)	15-A82	1	1	1	1	1	1	1	1	1	-	1	-	1	1
16	Screw & Lock Washer Assy — Throttle Body to Bowl (No. 12-24 x 5/8)	15-A82	-	4	-	4	-	-	4	-	-	-	4	4	-	-
	(No. 12-24 x 3/4)	15-A85	4	-	4	-	4	4	-	4	4	4	-	-	4	4
17	Screw & Lock Washer Assy — Choke Bracket to Body (No. 8-32 x 3/8)	15-A93	2	1	2	1	1	1	1	1	1	1	1	1	2	2
18	Screw & Lock Washer Assy — Choke Bracket (No. 8-32 x 5/16)	15-A99	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	Gasket — Float Valve Seat	16-4	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	Gasket — Main Nozzle	16-28	-	-	-	-	-	-	-	-	-	-	1	1	-	-
		16-449	-	1	-	1	-	-	1	-	-	-	-	-	-	-
		16-492	1	-	1	-	1	1	-	1	1	1	-	-	1	1
21	Gasket — Throttle Body to Bowl	16-80	-	1	-	1	-	-	1	-	-	-	1	1	-	-
		16-A12	1	-	1	-	1	1	-	1	1	1	-	-	1	1
22	Spring — Choke Return	24-153	-	-	-	-	-	-	-	-	-	-	-	1	-	-
		24-213	1	-	1	-	-	-	-	-	-	-	-	-	-	-
		24-247	-	1	-	1	-	-	1	-	-	-	1	-	-	-
		24-A3	-	-	-	-	1	1	-	1	1	1	-	-	-	1
23	Spring — Throttle Stop Screw	24-262	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	Spring — Idle Needle	24-265	-	-	-	-	-	-	-	-	-	1	-	-	1	-
		24-340	1	1	1	1	1	1	1	1	1	-	1	1	-	1
25	Spring — Governor Lever Tension	24-281	-	1	-	1	-	-	1	-	-	-	-	-	-	-
		24-A37	1	-	1	-	-	1	-	-	1	-	-	-	1	1
		24-A78	-	-	-	-	1	-	-	-	-	-	-	-	-	-
		24-A129	-	-	-	-	-	-	-	-	-	1	-	-	-	-

JAEGER — INDUSTRIAL

TSX-81 to TSX-383

J A E G E R			TSX-81	TSX-103	TSX-105	TSX-142	TSX-238	TSX-257	TSX-258	TSX-259	TSX-303	TSX-307	TSX-330	TSX-339	TSX-355	TSX-383
Ref. No.	Part Name	Part No.														
26	Spring — Choke Valve Flapper	24-292	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		24-425	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	Shaft & Lever Assy — Choke	26-653	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		26-660	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		26-692	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		26-728	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		26-729	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		26-746	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	Valve Assy — Choke	27-539	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		27-548	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	Swivel — Choke Lever	28-49	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	Clip — Choke Bracket	29-81	1	1	1	1	1	1	1	1	1	1	1	1	1	1
31	Bracket — Choke	29-86	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		29-93	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		29-95	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		29-104	1	1	1	1	1	1	1	1	1	1	1	1	1	1
32	Bracket Assy — Choke	29-520	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		29-521	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		29-524	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		29-528	1	1	1	1	1	1	1	1	1	1	1	1	1	1
33	Float & Lever Assy	30-600	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		30-621	1	1	1	1	1	1	1	1	1	1	1	1	1	1
34	Shaft — Float Lever	32-16	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		32-27	1	1	1	1	1	1	1	1	1	1	1	1	1	1
35	Seat — Power Adjusting Needle	36-297	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		36-299	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		36-302	1	1	1	1	1	1	1	1	1	1	1	1	1	1
36	Needle — Idle Adjusting	43-33	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		43-58	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		43-144	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		43-159	1	1	1	1	1	1	1	1	1	1	1	1	1	1
37	Packing — Throttle Shaft	44-35	1	1	1	1	2	2	2	2	2	2	2	2	2	2
		*44-38	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		44-63	1	1	1	1	1	1	1	1	1	1	1	1	1	1
38	Packing — Choke Shaft	†44-39	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		*44-38	1	1	1	1	1	1	1	1	1	1	1	1	1	1
39	Venturi (29/32" Diameter Throat)	46-438	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	(25/32" Diameter Throat)	46-457	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	(11/16" Diameter Throat)	46-467	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	(23/32" Diameter Throat)	46-476	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	(1-1/16" Diameter Throat)	46-490	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	(27/32" Diameter Throat)	46-A9	1	1	1	1	1	1	1	1	1	1	1	1	1	1
40	Nozzle — Main	47-199	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		47-218	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		47-316	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		47-321	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		47-326	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Nozzle Assy — Main	47-589	1	1	1	1	1	1	1	1	1	1	1	1	1	1
41	Jet — Idle	49-101-L	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		49-165	1	1	1	1	1	1	1	1	1	1	1	1	1	1
42	Jet — Economizer	49-145	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		49-154	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		49-163	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		49-180	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		49-226	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		49-259	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		49-262	1	1	1	1	1	1	1	1	1	1	1	1	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.

J A E G E R			TSX-81	TSX-103	TSX-105	TSX-142	TSX-238	TSX-257	TSX-258	TSX-259	TSX-303	TSX-307	TSX-330	TSX-339	TSX-355	TSX-383
Ref. No.	Part Name	Part No.														
43	Jet — Power	49-158	—	—	—	—	—	—	1	—	—	—	—	—	—	—
		49-159	—	—	—	—	—	1	—	—	—	—	—	—	—	—
		49-164	1	—	—	—	—	—	—	—	—	—	—	—	—	—
		49-188	—	—	—	1	—	—	—	—	—	1	—	—	—	—
		49-205	—	1	1	—	1	—	—	—	—	—	—	—	—	—
44	Cup — Throttle Shaft	55-214	1	—	1	—	1	—	—	—	—	1	—	—	—	—
		55-230	—	1	—	1	—	—	1	—	—	—	1	1	—	—
45	Retainer — Throttle Shaft Packing	55-216	1	—	1	—	1	2	—	2	2	1	—	—	1	2
		55-231	—	—	—	1	—	—	1	—	—	—	1	1	—	—
46	Retainer — Choke Shaft Packing	55-243	—	1	—	1	—	—	1	—	—	—	1	1	—	—
47	Bushing — Governor Lever	60-257	—	1	—	1	—	—	1	—	—	—	1	—	—	—
		60-370	1	—	1	—	1	1	—	1	1	—	—	—	1	1
48	Bushing — Throttle Shaft	60-260	2	—	2	—	2	2	—	2	2	2	—	—	2	2
49	Pin — Throttle Stop	62-167	1	1	1	1	1	1	1	1	1	1	1	1	1	1
50	Plate — Numbering	(Specify TSX Number)	1	1	1	1	1	1	1	1	1	1	1	1	1	1
51	Plug — Idle Drilling	80-171	—	1	—	—	—	—	—	—	—	—	—	—	—	—
52	Nut — Clevis Clamp (No. 10-24)	81-1	—	—	—	—	—	1	1	2	2	2	—	2	—	2
53	Pin — Cotter (Governor Spring Tension)	82-1	1	—	1	—	1	1	—	1	1	—	—	—	1	1
		82-14	1	1	1	1	1	1	—	—	—	—	—	—	—	—
54	Cotter — Hairpin (Choke Swivel)	82-16	1	1	1	1	1	1	1	1	1	1	1	1	1	1
55	Strainer — Fuel Drain	95-40	1	1	1	1	1	1	1	1	—	—	—	—	—	—
56	Strainer — Fuel Drain	95-78	1	1	1	1	1	1	1	1	1	1	1	1	1	1
57	Plug — Bowl Drain	99-7	1	1	1	1	1	1	1	1	1	1	1	1	1	1
58	Clevis Assy	121-504	—	—	—	—	—	—	1	—	—	—	—	2	—	—
		121-511	—	—	—	—	—	1	—	2	2	2	—	—	—	2
59	Bracket — Float	136-54	1	1	1	1	1	1	1	1	1	1	1	1	1	1
60	Lever — Governor	155-305	—	—	—	—	—	—	—	—	—	1	—	—	—	—
	Lever Assy — Governor	155-565	—	1	—	1	—	—	1	—	—	—	1	—	—	—
		155-566	—	—	1	—	—	—	—	—	—	—	—	—	1	—
		155-587	1	—	—	—	1	—	1	—	—	—	—	—	—	1
		155-592	—	—	—	—	1	—	—	—	—	—	—	—	—	—
61	Plug — Expansion	179-11	—	—	—	—	—	—	1	1	1	1	1	1	1	1
62	Plug — Expansion, Bowl Drain	179-35	1	1	1	1	1	1	1	1	—	—	—	—	—	—
63	Ball — Numbering Plate	206-36	—	1	—	1	—	—	—	—	—	—	1	1	—	—
64	Throttle Body & Shaft Assy	(See Basic Subassy)	1	1	1	1	1	1	1	1	1	1	1	1	1	1
65	Valve & Seat Assy — Float	233-536	—	1	—	—	—	—	—	—	—	—	1	1	—	—
		233-543	1	—	1	—	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.

