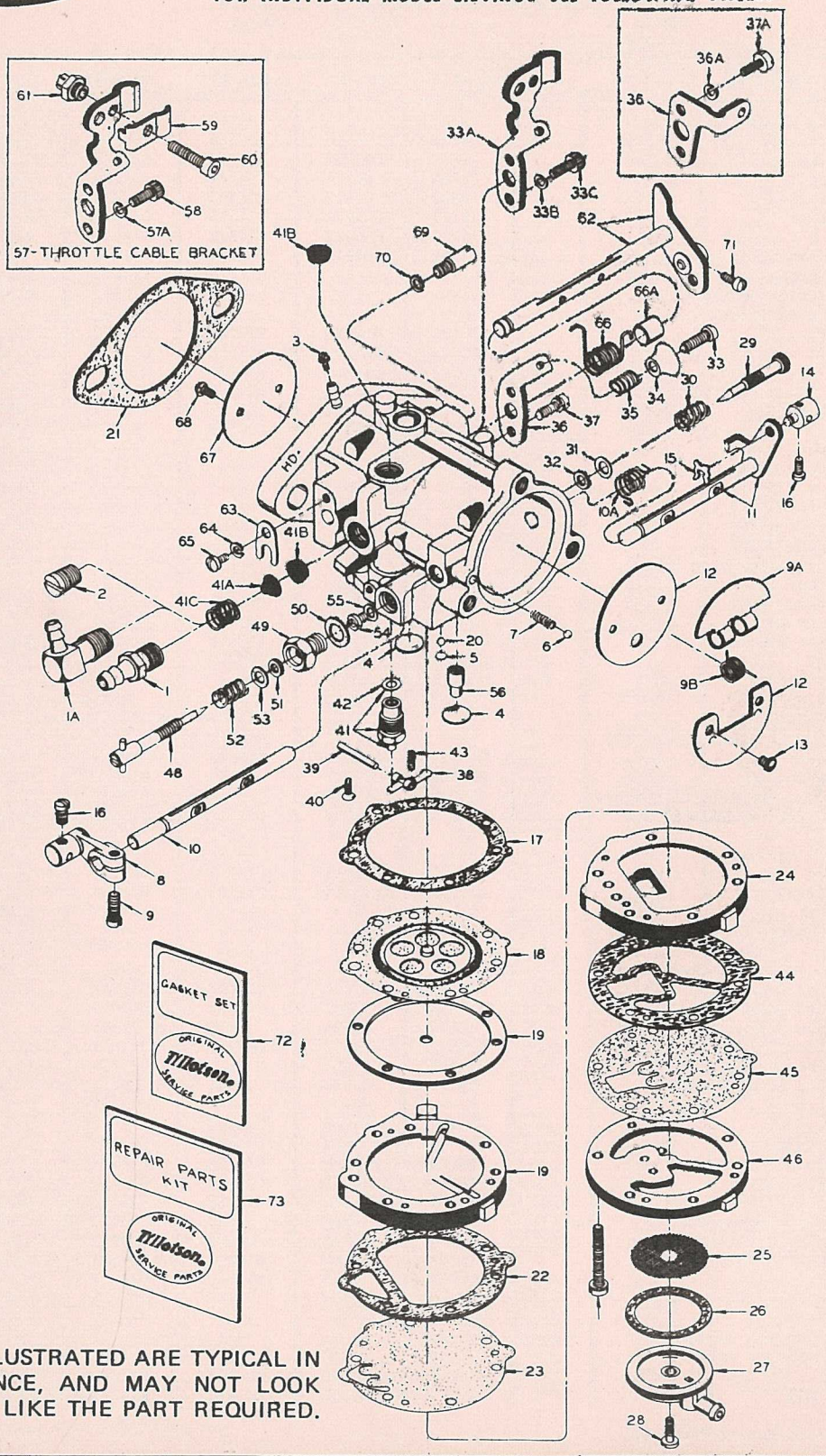
Tillotson® CARBURETORS and FUEL & STRAINERS

HD SERIES

Parts List Section • CARBURETORS

ILLUSTRATION OF BASIC PARTS STANDARD THROUGHOUT **HD** SERIES CARBURETOR.
FOR INDIVIDUAL MODEL LISTINGS SEE FOLLOWING PAGES.



PARTS ILLUSTRATED ARE TYPICAL IN APPEARANCE, AND MAY NOT LOOK EXACTLY LIKE THE PART REQUIRED.

TILLOTSON MANUFACTURING CO.
PARTS AND SERVICE DIVISION
TOLEDO, OHIO 43612

BASIC PARTS ILLUSTRATIONS: See Front Page for illustrations corresponding to reference numbers in list below.

Carburetor Model	Superseding Model
HD-4A (includes FP-6 Fuel Pump Asm.)	
HD-6A (includes FP-5 Fuel Pump Asm.)	HD-7AX
HD-6B (includes FP-5 Fuel Pump Asm.)	HD-7AX
HD-6BX(includes FP-5 Fuel Pump Asm.)	HD-7AX
HD-7A	HD7AX
HD-7AX	

Ref. No.	Part Name	HD—4	HD—6A	HD—6B	HD—6BX	HD—7A	HD—7AX
3	Body Channel Plug Screw	----	----	----	----	0244	0244
4	* Body Channel Welch Plug (2)	04326	04326	04326	04326	04326	04326
5	* Body Channel Welch Plug	----	013737	013737	013737	013737	----
6	Choke Friction Ball	04784	04784	04784	04784	04784	04784
7	Choke Friction Spring	08805	08805	08805	08805	08805	08805
11	Choke Shaft & Lever	013777	013777	014676	014676	014676	014676
12	Choke Shutter	014232	014232	014232	014232	014232	014232
13	Choke Shutter Screw (2)	08942	08942	08942	08942	08942	08942
14	Choke Wire Connection	----	----	014675	014675	014675	014675
15	Choke Wire Connection Retaining	----	----	010392	010392	010392	010392
16	* Choke Wire Retaining Screw	----	----	058	058	058	058
17	Diaphragm Gasket	014120	014120	014120	014120	014120	014120
18	* Diaphragm	014248	014248	014248	014248	014248	014248
19	Diaphragm Cover	014249	014249	014249	014249	014705	014705
47	Diaphragm Cover Retaining Screw (6)	014142	014142	014142	014142	----	----
20	Economiser Check Ball	----	05322	05322	05322	05322	----
21	Flange Gasket	08304	08304	08304	08304	08304	08304
22	Fuel Pump Gasket	----	----	----	----	014643	014643
23	* Fuel Pump Diaphragm	----	----	----	----	014644	014644
24	Fuel Pump Body	----	----	----	----	014645	014645
25	* Fuel Strainer Screen	----	----	----	----	011516	011516
26	Fuel Strainer Cover Gasket	----	----	----	----	010529	010529
27	Fuel Strainer Cover	----	----	----	----	010527	010527
28	* Fuel Strainer Cover Retaining Screw	----	----	----	----	010571	010571
29	* Idle Mixture Screw	014239	014239	013772	013772	013772	013772
30	* Idle Mixture Screw Spring	011103	011103	011103	011103	011103	011103
31	Idle Mixture Screw Washer	03114	03114	03114	03114	03114	03114
32	Idle Mixture Screw Packing	010511	010511	010511	010511	010511	010511
33	* Idle Speed Screw	012177	05095	05095	05095	05095	05095
34	Idle Speed Screw Cup	014478	----	----	----	----	----
35	* Idle Speed Screw Spring	0788	0788	0788	0788	0788	0788
36	Idle Speed Screw Bracket	----	014349	014349	014349	014349	014349
37	Idle Speed Bracket Retaining Screw (2)	----	014142	014142	014142	014142	014142
38	* Inlet Control Lever	010513	010513	010513	010513	010513	010513
39	* Inlet Control Lever Pin	013406	013406	013406	013406	013406	013406
40	* Inlet Control Lever Pin Retaining Screw	013269	013269	013269	013269	013269	013269
41	* **INLET NEEDLE, SEAT & GASKET**	014237	014237	014632	014632	014683	014683
41A	* Inlet Screen	----	----	----	----	----	015218
41C	* Inlet Screen Ret. Spring	----	----	----	----	----	015219
42	Inlet Seat Gasket	013744	013744	013744	013744	013744	013744
43	* Inlet Tension Spring	011503	013434	011503	011503	011503	011503
44	Inlet Valve Gasket	----	----	----	----	014646	014646
45	* Inlet Valve Diaphragm	----	----	----	----	014647	014647
46	Inlet Valve Body	----	----	----	----	014648	014648
47	Inlet Valve Body Screw & Lockwasher (6)	----	----	----	----	014687	014687
48	* High Speed Mixture Screw	014247	014247	014247	014247	014247	014247
49	High Speed Mixture Screw Gland	013853	013853	013853	013853	013853	013853
50	High Speed Mixture Screw Gland Gasket	0676	0676	0676	0676	0676	0676
51	High Speed Mixture Screw Gland Packing	010511	010511	010511	010511	010511	010511
52	* High Speed Mixture Screw Spring	011103	011103	011103	011103	011103	011103
53	High Speed Mixture Screw Washer	03114	03114	03114	03114	03114	03114
54	* Main Fuel Jet (.089)	----	----	----	014313	014313	014313
54	* Main Fuel Jet (.120)	014246	014246	014246	----	----	----
55	Main Fuel Jet Gasket	----	013683	013683	013683	013683	013683
56	Nozzle Check Valve	014578	014578	014578	014578	014578	014578
62	Throttle Shaft & Lever	014243	014355	014355	014355	014355	014355
63	Throttle Shaft Clip	014118	014118	014118	014118	014118	014118
64	Throttle Shaft Clip Lockwasher	0992	0992	0992	0992	0992	0992
65	Throttle Shaft Clip Retaining Screw	01974	01974	01974	01974	01974	01974
66	Throttle Shaft Return Spring	014115	014348	014348	014348	014348	014348
67	Throttle Shutter	013745	013745	013745	013745	013745	013745
68	* Throttle Shutter Screw (2)	08942	08942	08942	08942	08942	08942
69	Throttle Lever Stop Pin	014244	----	----	----	----	----
70	Throttle Lever Stop Pin Lockwasher	012958	----	----	----	----	----
71	* Throttle Wire Retaining Screw	058	058	058	058	058	058
72	* **GASKET SET**	GS-198	GS-205	GS-205	GS-205	GS-212	GS-212
73	**REPAIR PARTS KIT**	RK-754	RK-772	RK-810	RK-819	RK-818	RK-818

(*) Indicates contents of Repair Parts Kit

TILLOTSON MANUFACTURING CO.
PARTS AND SERVICE DIVISION
TOLEDO, OHIO 43612

BASIC PARTS ILLUSTRATIONS: See Front Page for illustrations corresponding to reference numbers in list below.

Carburetor Model — Supercharging Model

HD-8A
HD-8B
HD-9A
HD-10A. HD-10AX
HD-10AX
HD-11A

Ref. No.	Part Name	HD-8A	HD-8B	HD-9A	HD-10A	HD-10AX	HD-11A
1	Body Channel Line Connection.	----	015120	----	----	----	----
3	Body Channel Plug Screw	0244	----	----	0244	0244	----
4	* Body Channel Welch Plug (2)	04326	04326	04326	04326	04326	04326
5	* Body Channel Welch Plug	----	----	013737	013737	----	013737
6	Choke Friction Ball	04784	04784	04784	04784	04784	04784
7	Choke Friction Spring	08805	08805	08805	08805	08805	08805
9A	Choke Relief Valve.	----	----	----	----	----	013742
9B	Choke Relief Valve Spring	----	----	----	----	----	013775
11	Choke Shaft & Lever	013777	013777	013777	014676	014676	014924
12	Choke Shutter	014232	015010	014232	014232	014232	013741
13	Choke Shutter Screw (2)	08942	08942	08942	08942	08942	08942
14	Choke Wire Connection	----	----	----	014675	014675	----
15	Choke Wire Connection Retaining Clip.	----	----	----	010392	010392	----
16	* Choke Wire Retaining Screw.	----	----	----	058	058	058
17	Diaphragm Gasket.	014120	014120	014120	014120	014120	014120
18	* Diaphragm	014248	014248	014248	014248	014248	014248
19	Diaphragm Cover	014642	014642	014249	014705	014705	014117
47	Diaphragm Cover Retaining Screw (6)	----	----	014142	----	----	014142
20	Economiser Check Ball	----	----	05322	05322	----	05322
21	Flange Gasket	08304	014834(2)	08304	08304	08304	08304
22	Fuel Pump Gasket.	014643	014643	----	014643	014643	----
23	* Fuel Pump Diaphragm	014644	014644	----	014644	014644	----
24	Fuel Pump Body.	014645	014645	----	014645	014645	----
25	* Fuel Strainer Screen.	010530	010530	----	011516	011516	----
26	Fuel Strainer Cover Gasket.	010529	010529	----	010529	010529	----
27	Fuel Strainer Cover	010527	010527	----	010527	010527	----
28	* Fuel Strainer Cover Retaining Screw	010571	010571	----	010571	010571	----
29	* Idle Mixture Screw.	014239	014239	014239	013772	013772	013772
30	* Idle Mixture Screw Spring	011103	011103	011103	011103	011103	011103
31	Idle Mixture Screw Washer	03114	03114	03114	03114	03114	03114
32	Idle Mixture Screw Packing.	010511	010511	010511	010511	010511	010511
33	* Idle Speed Screw.	012177	012177	05095	05095	05095	011045
34	Idle Speed Screw Cup.	014478	014478	----	----	----	----
35	* Idle Speed Screw Spring	0788	0788	0788	0788	0788	0788
36	Idle Speed Screw Bracket.	----	----	014349	014349	014349	015152
36A	Idle Speed Screw Bracket Lockwasher (2)	----	----	----	----	----	0992
37	Idle Speed Bracket Retaining Screw (2).	----	----	014142	014142	014142	----
37A	Idle Speed Bracket Retaining Screw (2).	----	----	----	----	----	015153
38	* Inlet Control Lever	010513	010513	010513	010513	010513	010513
39	Inlet Control Lever Pin	013406	013406	013406	013406	013406	013406
40	* Inlet Control Lever Pin Retaining Screw	013269	013269	013269	013269	013269	013269
41	* **INLET NEEDLE, SEAT & GASKET**	014683	014683	014237	014683	014683	013774
41A	* Inlet Screen.	----	015218	----	----	----	----
41B	* Inlet Screen (2).	----	----	----	----	----	010301
41C	* Inlet Screen Ret. Spring.	----	015219	----	----	----	----
42	Inlet Seat Gasket	013744	013744	013744	013744	013744	013744
43	* Inlet Tension Spring.	011503	011503	013434	011503	011503	013434
44	Inlet Valve Gasket.	014646	014646	----	014646	014646	----
45	* Inlet Valve Diaphragm	014647	014647	----	014647	014647	----
46	Inlet Valve Body.	014688	014688	----	014648	014648	----
47	Inlet Valve Body Screw & Lockwasher (6)	014687	014687	----	014687	014687	----
48	* High Speed Mixture Screw.	014247	014247	014247	014247	014247	014247
49	High Speed Mixture Screw Gland.	013853	013853	013853	013853	013853	013853
50	High Speed Mixture Screw Gland Gasket	0676	0676	0676	0676	0676	0676
51	High Speed Mixture Screw Gland Packing.	010511	010511	010511	010511	010511	010511
52	* High Speed Mixture Screw Spring	011103	011103	011103	011103	011103	011103
53	High Speed Mixture Screw Washer	03114	03114	03114	03114	03114	03114
54	* Main Fuel Jet (.089).	----	----	----	014313	014313	----
54	* Main Fuel Jet (.096).	----	----	----	----	----	014920
54	* Main Fuel Jet (.120).	014246	015009	014246	----	----	----
55	Main Fuel Jet Gasket.	013683	013683	013683	013683	013683	013683
56	Nozzle Check Valve.	014578	014578	014578	014578	014578	014578
62	Throttle Shaft & Lever.	014243	014243	014723	014723	014723	014916
63	Throttle Shaft Clip	014118	014118	014118	014118	014118	014118
64	Throttle Shaft Clip Lockwasher.	0992	0992	0992	0992	0992	0992
65	Throttle Shaft Clip Retaining Screw	01974	01974	01974	01974	01974	01974
66	Throttle Shaft Return Spring.	014115	014115	014348	014348	014348	015383
66A	Throttle Shaft Sleeve	----	----	----	----	----	015180
67	Throttle Shutter.	013745	013745	013745	013745	013745	013745
68	* Throttle Shutter Screw (2).	08942	08942	08942	08942	08942	08942
69	Throttle Lever Stop Pin	014244	014244	----	----	----	----
70	Throttle Lever Stop Pin Lockwasher.	012958	012958	----	----	----	----
71	* Throttle Wire Retaining Screw	058	058	058	058	058	----
72	* **GASKET SET**	GS-212	GS-228	GS-205	GS-212	GS-212	GS-205
73	**REPAIR PARTS KIT**	RK-826	RK-854	RK-772	RK-818	RK-818	RK-879

(*) Indicates contents of Repair Parts Kit

BASIC PARTS ILLUSTRATIONS: See Front Page for illustrations corresponding to reference **numbers** in list below.

Ref. No.		Part Name	Carburetor Model HD-13A	HD-14A	HD-15A	HD-16A	HD-17A	HD-18A
2		Body Channel Plug Screw	014988	014988	014988	014988	014988	014988
3		Body Channel Plug Screw	0244	0244	0244	0244	0244	0244
4	*	Body Channel Welch Plug (2)	04326	04326	04326	04326	04326	04326
6		Choke Friction Ball	04784	04784	04784	04784	04784	04784
7		Choke Friction Spring	08805	08805	08805	08805	08805	08805
8		Choke Lever	----	----	----	015051	----	----
9		Choke Lever Retaining Screw	----	----	----	0240	----	----
10		Choke Shaft	----	----	----	015052	----	----
11		Choke Shaft & Lever	014991	014991	015021	----	014991	014991
12		Choke Shutter	015010	015010	015010	015010	015010	015010
13		Choke Shutter Screw (2)	08942	08942	08942	08942	08942	08942
16	*	Choke Wire Retaining Screw	055	055	055	055	055	055
17		Diaphragm Gasket	014120	014120	014120	014120	014120	014120
18	*	Diaphragm	014248	014248	014248	014248	014248	014248
19		Diaphragm Cover	014705	014705	014705	014705	014705	014705
21		Flange Gasket	014834	014834	014834	014834	014834	014834
22		Fuel Pump Gasket	014643	014643	014643	014643	014643	014643
23	*	Fuel Pump Diaphragm	014644	014644	014644	014644	014644	014644
24		Fuel Pump Body	014645	014645	014645	014645	014645	014645
25	*	Fuel Strainer Screen	011516	011516	011516	011516	011516	011516
26		Fuel Strainer Cover Gasket	010529	010529	010529	010529	010529	010529
27		Fuel Strainer Cover	014937	014937	014937	014937	014937	014937
28	*	Fuel Strainer Cover Retaining Screw	010571	010571	010571	010571	010571	010571
29	*	Idle Mixture Screw	014239	014239	014239	014239	014239	014239
30	*	Idle Mixture Screw Spring	011103	011103	011103	011103	011103	011103
31		Idle Mixture Screw Washer	03114	03114	03114	03114	03114	03114
32		Idle Mixture Screw Packing	010511	010511	010511	010511	010511	010511
33	*	Idle Speed Screw	05095	05095	05095	05095	05095	05095
35	*	Idle Speed Screw Spring	0788	0788	0788	0788	0788	0788
36		Idle Speed Screw Bracket	014349	----	014349	014349	014349	014349
37		Idle Speed Bracket Retaining Screw (2)	014142	----	014142	014142	014142	014142
38	*	Inlet Control Lever	010513	010513	010513	010513	010513	010513
39	*	Inlet Control Lever Pin	013406	013406	013406	013406	013406	013406
40	*	Inlet Control Lever Pin Retaining Screw	013269	013269	013269	013269	013269	013269
41	*	**INLET NEEDLE, SEAT & GASKET**	014683	014683	014683	014683	014683	014683
41A	*	Inlet Screen	015218	015218	015218	015218	015218	015218
41C	*	Inlet Screen Ret. Spring	015219	015219	015219	015219	015219	015219
42		Inlet Seat Gasket	013744	013744	013744	013744	013744	013744
43	*	Inlet Tension Spring	011503	011503	011503	011503	011503	011503
44		Inlet Valve Gasket	014646	014646	014646	014646	014646	014646
45	*	Inlet Valve Diaphragm	014647	014647	014647	014647	014647	014647
46		Inlet Valve Body	014648	014648	014648	014648	014648	014648
47		Inlet Valve Body Screw & Lockwasher (6)	014687	014687	014687	014687	014687	014687
48	*	High Speed Mixture Screw	014247	014247	014247	014247	014247	014247
49		High Speed Mixture Screw Gland	013853	013853	013853	013853	013853	013853
50		High Speed Mixture Screw Gland Gasket	0676	0676	0676	0676	0676	0676
51		High Speed Mixture Screw Gland Packing	010511	010511	010511	010511	010511	010511
52	*	High Speed Mixture Screw Spring	011103	011103	011103	011103	011103	011103
53		High Speed Mixture Screw Washer	03114	03114	03114	03114	03114	03114
54	*	Main Fuel Jet (.089)	014993	014993	014993	----	014993	014993
54	*	Main Fuel Jet (.120)	----	----	----	015009	----	----
55		Main Fuel Jet Gasket	013683	013683	013683	013683	013683	013683
56		Nozzle Check Valve	014578	014578	014578	013789	014578	014578
57		Throttle Cable Bracket	----	014999	----	----	----	----
57A		Throttle Cable Bracket Lockwasher	----	0992	----	----	----	----
58		Throttle Cable Bracket Ret. Screw (2)	----	015384	----	----	----	----
59		Throttle Cable Clamp	----	014995	----	----	----	----
60		Throttle Cable Clamp Ret. Screw	----	014998	----	----	----	----
61		Throttle Cable Clamp Ret. Nut	----	014997	----	---	----	----
62		Throttle Shaft & Lever	014992	014992	015025	015025	014992	015124
63		Throttle Shaft Clip	014118	014118	014118	014118	014118	014118
64		Throttle Shaft Clip Lockwasher	0992	0992	0992	0992	0992	0992
65		Throttle Shaft Clip Retaining Screw	01974	01974	01974	01974	01974	01974
66		Throttle Shaft Return Spring	014348	014348	014348	014348	014348	014348
67		Throttle Shutter	013745	013745	013745	013745	013745	013745
68	*	Throttle Shutter Screw (2)	08942	08942	08942	08942	08942	08942
71	*	Throttle Wire Retaining Screw	055	055	055	055	055	----
72	*	**GASKET SET**	GS-223	GS-223	GS-223	GS-223	GS-223	GS-223
73		**REPAIR PARTS KIT**	RK-859	RK-857	RK-859	RK-858	RK-859	RK-859

(*) Indicates contents of Repair Parts Kit

TILLOTSON MANUFACTURING CO.
PARTS AND SERVICE DIVISION
TOLEDO, OHIO 43612

BASIC PARTS ILLUSTRATIONS: See Front Page for illustrations corresponding to reference **numbers** in list below.

Ref. No.	Part Name	HD–19A	HD–20A	HD–21A	HD–22A	HD–23A	HD–24A
	Carburetor Model	HD-19A HD-20A HD-21A HD-22A HD-23A HD-24A					
2	Body Channel Plug Screw	014988	----	----	----	014988	01102
3	Body Channel Plug Screw	0244	----	----	----	0244	0244
4	* Body Channel Welch Plug (2)	04326	04326	04326	04326	04326	04326
6	Choke Friction Ball	04784	04784	04784	04784	04784	----
7	Choke Friction Spring	08805	08805	08805	08805	08805	----
8	Choke Lever	----	----	----	----	015051	----
9	Choke Lever Retaining Screw	----	----	----	----	0240	----
10	Choke Shaft	----	----	----	----	015052	----
10A	Choke Shaft Return Spring	----	----	----	----	----	013947
11	Choke Shaft & Lever	015107	015365	015185	015185	----	015432
12	Choke Shutter	015010	015010	015010	015010	015010	015010
13	Choke Shutter Screw (2)	08942	08942	08942	08942	08942	08942
16	* Choke Wire Retaining Screw	055	055	----	----	055	055
17	Diaphragm Gasket	014120	014120	014120	014120	014120	014120
18	* Diaphragm	014248	014248	014248	014248	014248	014248
19	Diaphragm Cover	015198	014642	014642	014642	014705	014705
1A	Elbow Connector	----	015455	015455	015455	----	----
21	Flange Gasket	014834	015194	015194	015194	014834	014834
22	Fuel Pump Gasket	014643	014643	014643	014643	014643	014643
23	* Fuel Pump Diaphragm	014644	014644	014644	014644	014644	014644
24	Fuel Pump Body	014645	014645	014645	014645	014645	014645
25	* Fuel Strainer Screen	011516	011516	011516	011516	011516	011516
26	Fuel Strainer Cover Gasket	010529	014804	014804	014804	010529	010529
27	Fuel Strainer Cover	014937	----	----	----	014937	014937
28	* Fuel Strainer Cover Retaining Screw	010571	----	----	----	010571	010571
29	* Idle Mixture Screw	014239	014239	014239	014239	014239	014239
30	* Idle Mixture Screw Spring	011103	011103	011103	011103	011103	011103
31	Idle Mixture Screw Washer	03114	03114	03114	03114	03114	03114
32	Idle Mixture Screw Packing	010511	010511	010511	010511	010511	010511
33	* Idle Speed Screw	05095	015361	015361	015361	05095	012177
33A	Idle Speed Screw Cable Bracket	014994	----	----	----	----	----
33B	Idle Speed Screw Cable Bracket Lockwasher	0992	----	----	----	----	----
33C	Idle Speed Screw Cable Bracket Ret. Screw (2)	015384	----	----	----	----	----
34	Idle Speed Screw Cup	----	----	----	----	----	014478
35	* Idle Speed Screw Spring	0788	0788	0788	0788	0788	0788
36	Idle Speed Screw Bracket	----	----	014349	----	014349	----
37	Idle Speed Bracket Retaining Screw (2)	----	----	014142	----	014142	----
38	* Inlet Control Lever	010513	010513	010513	010513	010513	010513
39	* Inlet Control Lever Pin	013406	013406	013406	013406	013406	013406
40	* Inlet Control Lever Pin Retaining Screw	013269	013269	013269	013269	013269	013269
41	* **INLET NEEDLE, SEAT & GASKET**	014683	014632	014632	014632	014683	014683
41A	* Inlet Screen	015218	015218	015218	015218	015218	015218
41C	* Inlet Screen Ret. Spring	015219	015219	015219	015219	015219	015219
42	Inlet Seat Gasket	013744	013744	013744	013744	013744	013744
43	* Inlet Tension Spring	011503	011503	011503	011503	011503	011503
44	Inlet Valve Gasket	014646	014646	014646	014646	014646	014646
45	* Inlet Valve Diaphragm	014647	014647	014647	014647	014647	014647
46	Inlet Valve Body	014648	----	----	----	014648	----
46	Inlet Valve Body & Strainer	----	015188	015188	015188	----	----
47	Inlet Valve Body Screw & Lockwasher (6)	014687	014687	014687	014687	014687	014687
48	* High Speed Mixture Screw	014247	014247	014247	014247	014247	----
49	High Speed Mixture Screw Gland	013853	013853	013853	013853	013853	----
50	High Speed Mixture Screw Gland Gasket	0676	0676	0676	0676	0676	----
51	High Speed Mixture Screw Gland Packing	010511	010511	010511	010511	010511	----
52	* High Speed Mixture Screw Spring	011103	011103	011103	011103	011103	----
53	High Speed Mixture Screw Washer	03114	03114	03114	03114	03114	----
54	* Main Fuel Jet (.058)	----	----	----	----	----	015430
54	* Main Fuel Jet (.089)	014993	----	----	014993	014993	----
54	* Main Fuel Jet (.1015)	----	015190	015190	----	----	----
55	Main Fuel Jet Gasket	013683	013683	013683	013683	013683	013683
56	Nozzle Check Valve	014578	014578	014578	014578	014578	014578
57	Throttle Cable Bracket	----	015336	----	015336	----	----
57A	Throttle Cable Bracket Lockwasher	----	0992	----	0992	----	----
58	Throttle Cable Bracket Ret. Screw (2)	----	015384	----	015384	----	----
59	Throttle Cable Clamp	----	014995	----	014995	----	----
60	Throttle Cable Clamp Ret. Screw	----	014998	----	014998	----	----
61	Throttle Cable Clamp Ret. Nut	----	014997	----	014997	----	----
62	Throttle Shaft & Lever	015223	015223	015223	015223	014992	014243
63	Throttle Shaft Clip	014118	014118	014118	014118	014118	014118
64	Throttle Shaft Clip Lockwasher	0992	0992	0992	0992	0992	0992
65	Throttle Shaft Clip Retaining Screw	01974	01974	01974	01974	01974	01974
66	Throttle Shaft Return Spring	014348	014348	014348	014348	014348	014115
67	Throttle Shutter	013745	013745	013745	013745	013745	013745
68	* Throttle Shutter Screw (2)	08942	08942	08942	08942	08942	08942
69	Throttle Lever Stop Pin	----	----	----	----	----	014244
70	Throttle Lever Stop Pin Lockwasher	----	----	----	----	----	012958
71	* Throttle Wire Retaining Screw	055	055	055	055	055	058
72	* **GASKET SET**	GS-223	GS-230	GS-230	GS-230	GS-223	GS-223
73	**REPAIR PARTS KIT**	RK-859	RK-890	RK-891	RK-892	RK-857	RK-920

(*) Indicates contents of Repair Parts Kit

TILLOTSON MANUFACTURING CO.
PARTS AND SERVICE DIVISION
TOLEDO, OHIO 43612

BASIC PARTS ILLUSTRATIONS: See Front Page for illustrations corresponding to reference numbers in list below.

Ref. No.	Part Name	Carburetor Model HD-25A	HD-26A	HD-27A	HD-28A	HD-29A	HD-30A
2	Body Channel Plug Screw	----	014988	014988	014988	014988	014988
3	Body Channel Plug Screw	0244	0244	0244	----	0244	0244
4	* Body Channel Welch Plug (2)	04326	04326	04326	04326	04326	04326
6	Choke Friction Ball	04784	04784	04784	04784	04784	04784
7	Choke Friction Spring	08805	08805	08805	08805	08805	08805
8	Choke Lever	----	----	015051	----	015051	----
9	Choke Lever Retaining Screw	----	----	0240	----	0240	----
10	Choke Shaft	----	----	015394	----	015052	----
11	Choke Shaft & Lever	014991	014991	----	014991	----	014991
12	Choke Shutter	015010	015010	015010	015010	015010	015010
13	Choke Shutter Screw (2)	08942	08942	08942	08942	08942	08942
16	Choke Wire Retaining Screw	055	055	055	055	055	055
17	Diaphragm Gasket	014120	014120	014120	014120	014120	014120
18	* Diaphragm	014248	014248	014248	014248	014248	014248
19	Diaphragm Cover	015378	014705	014705	014705	014705	014705
1A	Elbow Connector	----	----	----	015455	----	015187
21	Flange Gasket	014834	014834	014834	014834	014834	014834
22	Fuel Pump Gasket	014643	014643	014643	014643	014643	014643
23	* Fuel Pump Diaphragm	014644	014644	014644	014644	014644	014644
24	Fuel Pump Body	014645	014645	014645	014645	014645	014645
25	* Fuel Strainer Screen	011516	011516	011516	011516	011516	011516
26	Fuel Strainer Cover Gasket	010529	010529	010529	010529	010529	010529
27	Fuel Strainer Cover	----	014937	014937	014937	014937	014937
28	* Fuel Strainer Cover Retaining Screw	----	010571	010571	010571	010571	010571
29	* Idle Mixture Screw	014239	014239	014239	014239	014239	014239
30	* Idle Mixture Screw Spring	011103	011103	011103	011103	011103	011103
31	Idle Mixture Screw Washer	03114	03114	03114	03114	03114	03114
32	Idle Mixture Screw Packing	010511	010511	010511	010511	010511	010511
33	* Idle Speed Screw	015361	05095	05095	05095	05095	05095
35	* Idle Speed Screw Spring	0788	0788	0788	0788	0788	0788
36	Idle Speed Screw Bracket	014349	014349	014349	014349	014349	014349
37	Idle Speed Bracket Retaining Screw (2)	014142	014142	014142	014142	014142	014142
38	* Inlet Control Lever	010513	010513	010513	010513	010513	010513
39	* Inlet Control Lever Pin	013406	013406	013406	013406	013406	013406
40	* Inlet Control Lever Pin Retaining Screw	013269	013269	013269	013269	013269	013269
41	* **INLET NEEDLE, SEAT & GASKET**	014683	014683	014632	014632	014683	014632
41A	Inlet Screen	015218	015218	015218	015218	015218	015218
41C	Inlet Screen Ret. Spring	015219	015219	015219	015219	015219	015219
42	Inlet Seat Gasket	013744	013744	013744	013744	013744	013744
43	* Inlet Tension Spring	011503	011503	011503	011503	011503	011503
44	Inlet Valve Gasket	014646	014646	014646	014646	014646	014646
45	* Inlet Valve Diaphragm	014647	014647	014647	014647	014647	014647
46	Inlet Valve Body	----	014648	014648	014648	014648	014648
46	Inlet Valve Body & Strainer	015188	----	----	----	----	----
47	Inlet Valve Body Screw & Lockwasher (6)	014687	014687	014687	014687	014687	014687
48	* High Speed Mixture Screw	014247	014247	014247	014247	014247	014247
49	High Speed Mixture Screw Gland	013853	013853	013853	013853	013853	013853
50	High Speed Mixture Screw Gland Gasket	0676	0676	0676	0676	0676	0676
51	High Speed Mixture Screw Gland Packing	010511	010511	010511	010511	010511	010511
52	* High Speed Mixture Screw Spring	011103	011103	011103	011103	011103	011103
53	High Speed Mixture Screw Washer	03114	03114	03114	03114	03114	03114
54	* Main Fuel Jet (.089)	014993	014993	014993	014993	014993	----
54	* Main Fuel Jet (.120)	----	----	----	----	----	015009
55	Main Fuel Jet Gasket	013683	013683	013683	013683	013683	013683
56	Nozzle Check Valve	014578	014578	014578	014578	014578	013769
62	Throttle Shaft & Lever	015375	015420	015393	015025	015025	015025
63	Throttle Shaft Clip	014118	014118	014118	014118	014118	014118
64	Throttle Shaft Clip Lockwasher	0992	0992	0992	0992	0992	0992
65	Throttle Shaft Clip Retaining Screw	01974	01974	01974	01974	01974	01974
66	Throttle Shaft Return Spring	014348	014348	014348	014348	014348	014348
67	Throttle Shutter	013745	013745	013745	013745	013745	013745
68	* Throttle Shutter Screw (2)	08942	08942	08942	08942	08942	08942
71	* Throttle Wire Retaining Screw	055	055	055	055	055	055
72	* **GASKET SET**	GS-223	GS-223	GS-223	GS-223	GS-223	GS-223
73	**REPAIR PARTS KIT**	RK-922	RK-859	RK-921	RK-921	RK-859	RK-923

(*) Indicates contents of Repair Parts Kit

TILLOTSON MANUFACTURING CO.
PARTS AND SERVICE DIVISION
TOLEDO, OHIO 43612

BASIC PARTS ILLUSTRATIONS: See Front Page for illustrations corresponding to reference numbers in list below.

Carburetor Model

HD-32A
HD-37A
HD-38A

Ref. No.	Part Name	HD–32A	HD–37A	HD–38A
2	Body Channel Plug Screw	014988	----	014988
3	Body Channel Plug Screw	0244	----	0244
4	* Body Channel Welch Plug (2)	04326	04326	04326
6	Choke Friction Ball	04784	04784	04784
7	Choke Friction Spring	08805	08805	08805
9A	Choke Relief Valve	----	013742	----
9B	Choke Relief Valve Spring	----	013775	----
11	Choke Shaft & Lever	014991	015489	014991
12	Choke Shutter	015010	013741	015010
13	Choke Shutter Screw (2)	08942	08942	08942
15	Choke Wire Connection Remaining Clip	----	----	----
16	* Choke Wire Retaining Screw	055	----	055
17	Diaphragm Gasket	014120	014120	014120
18	* Diaphragm	014248	014248	014248
19	Diaphragm Cover	014705	014117	014705
47	Diaphragm Cover Retaining Screw (6)	----	014142	----
21	Flange Gasket	014834	08304	014834
22	Fuel Pump Gasket	014643	----	014643
23	* Fuel Pump Diaphragm	014644	----	014644
24	Fuel Pump Body	014645	----	014645
25	* Fuel Strainer Screen	011516	----	----
26	Fuel Strainer Cover Gasket	010529	----	----
27	Fuel Strainer Cover	014937	----	----
28	* Fuel Strainer Cover Retaining Screw	010571	----	----
29	* Idle Mixture Screw	014239	013772	014239
30	* Idle Mixture Screw Spring	011103	011103	011103
31	Idle Mixture Screw Washer	03114	03114	03114
32	Idle Mixture Screw Packing	010511	010511	010511
33	* Idle Speed Screw	05095	011045	05095
35	* Idle Speed Screw Spring	0788	0788	0788
36	Idle Speed Screw Bracket	----	015152	----
36A	Idle Speed Screw Bracket Lockwasher (2)	----	0992	----
37A	Idle Speed Bracket Retaining Screw (2)	----	015153	----
38	* Inlet Control Lever	010513	010513	010513
39	* Inlet Control Lever Pin	013406	013406	013406
40	* Inlet Control Lever Pin Retaining Screw	013269	013269	013269
41	* **INLET NEEDLE, SEAT & GASKET**	014683	013774	014683
41A	Inlet Screen	015218	----	015218
41B	Inlet Screen (2)	----	010301	----
41C	Inlet Screen Ret. Spring	015219	----	015219
42	Inlet Seat Gasket	013744	013744	013744
43	* Inlet Tension Spring	011503	013434	011503
44	Inlet Valve Gasket	014646	----	014646
45	* Inlet Valve Diaphragm	014647	----	014647
46	Inlet Valve Body	014648	----	----
46	Inlet Valve Body & Strainer	----	----	015188
47	Inlet Valve Body Screw & Lockwasher (6)	014687	----	014687
48	* High Speed Mixture Screw	014247	014247	014247
49	High Speed Mixture Screw Gland	013853	013853	013853
50	High Speed Mixture Screw Gland Gasket	0676	0676	0676
51	High Speed Mixture Screw Gland Packing	010511	010511	010511
52	* High Speed Mixture Screw Spring	011103	011103	011103
53	High Speed Mixture Screw Washer	03114	03114	03114
54	* Main Fuel Jet (.089)	014993	----	014993
54	* Main Fuel Jet (.096)	----	014920	----
55	Main Fuel Jet Gasket	013683	013683	013683
56	Nozzle Check Valve	014578	014578	014578
57	Throttle Cable Bracket	014999	----	014999
57A	Throttle Cable Bracket Lockwasher	0992	----	0992
58	Throttle Cable Bracket Ret. Screw (2)	015384	----	015384
59	Throttle Cable Clamp	014995	----	014995
60	Throttle Cable Clamp Ret. Screw	014998	----	014998
61	Throttle Cable Clamp Ret. Nut	014997	----	014997
62	Throttle Shaft & Lever	014992	014916	014992
63	Throttle Shaft Clip	014118	014118	014118
64	Throttle Shaft Clip Lockwasher	0992	0992	0992
65	Throttle Shaft Clip Retaining Screw	01974	01974	01974
66	Throttle Shaft Return Spring	014348	015383	014348
66A	Throttle Shaft Sleeve	----	015180	----
67	Throttle Shutter	013745	013745	013745
68	* Throttle Shutter Screw (2)	08942	08942	08942
71	* Throttle Wire Retaining Screw	055	----	055
72	* **GASKET SET**	GS-223	GS-205	GS-233
73	**REPAIR PARTS KIT**	RK-857	RK-926	RK-924

(*) Indicates contents of Repair Parts Kit