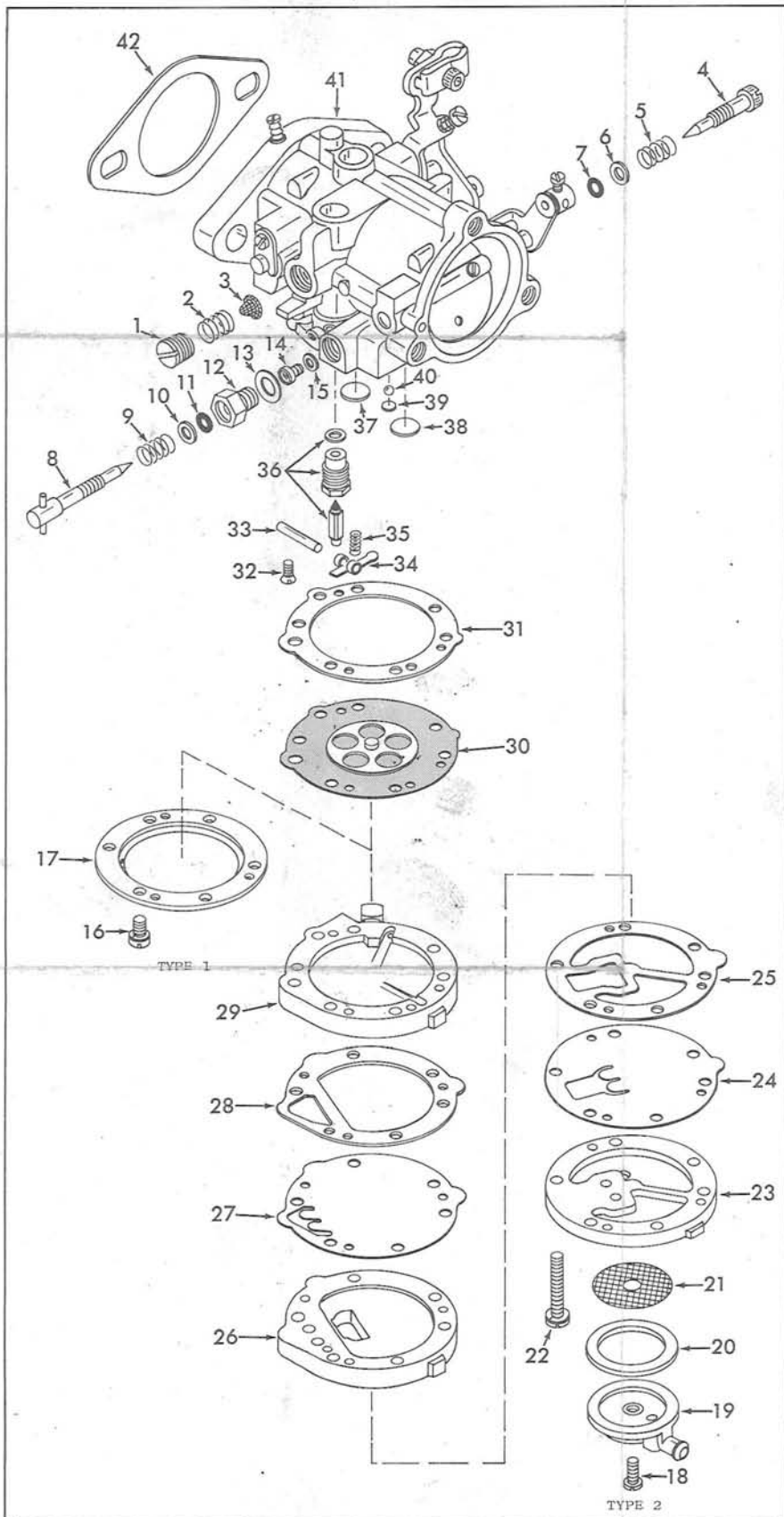


# INSTRUCTION SHEET

## TILLOTSON CARBURETOR - MODEL HD

### GENERAL EXPLODED VIEW

THE GENERAL DESIGN AND PARTS SHOWN WILL VARY TO INDIVIDUAL UNITS COVERED ON THIS INSTRUCTION SHEET



### DISASSEMBLY

USE EXPLODED VIEW AS A GUIDE. THE NUMERICAL SEQUENCE MAY GENERALLY BE FOLLOWED TO DISASSEMBLE UNIT FAR ENOUGH TO PERMIT CLEANING AND INSPECTION.

NOTE: SOME MODELS HAVE AN EXTERNAL FUEL PUMP WHICH IS REMOVED AS AN ASSEMBLY. EARLY MODELS HAVE A MAIN JET (14) WITH RIGHT HAND THREADS. LATER MODELS HAVE LEFT HAND THREADS. IF WELCH PLUGS ARE REMOVED, CAREFULLY DRILL THROUGH THICKNESS OF PLUG, USING A 1/8" DRILL. THEN PRY OUT WELCH PLUG, USING A SMALL PUNCH.

### NOMENCLATURE

REF. NO.	REF. NO.
1. PLUG SCREW - BODY CHANNEL	20. GASKET - FUEL STRAINER COVER
2. SPRING - INLET SCREEN RETAINER	21. SCREEN - FUEL STRAINER
3. SCREEN - INLET	22. SCREW & LOCKWASHER (6) - INLET VALVE BODY
4. NEEDLE - IDLE ADJUSTING	23. BODY - INLET VALVE
5. SPRING - IDLE ADJUSTING NEEDLE	24. DIAPHRAGM - INLET VALVE
6. WASHER - IDLE NEEDLE SPRING	25. GASKET - INLET VALVE
7. O-RING - IDLE NEEDLE	26. BODY - FUEL PUMP
8. NEEDLE - HIGH SPEED ADJUSTING	27. DIAPHRAGM - FUEL PUMP
9. SPRING - HIGH SPEED ADJUSTING NEEDLE	28. GASKET - FUEL PUMP
10. WASHER - HIGH SPEED NEEDLE SPRING	29. COVER - DIAPHRAGM
11. O-RING - HIGH SPEED NEEDLE	30. DIAPHRAGM
12. GLAND - HIGH SPEED NEEDLE	31. GASKET - DIAPHRAGM
13. GASKET - GLAND	32. SCREW - LEVER PIN RETAINING
14. JET - MAIN	33. PIN - LEVER
15. GASKET - MAIN JET	34. LEVER - INLET CONTROL TENSION
16. SCREW & LOCKWASHER (6) DIAPHRAGM COVER	35. SPRING - INLET LEVER
17. COVER - DIAPHRAGM	36. NEEDLE, SEAT & GASKET ASSEMBLY
18. SCREW - FUEL STRAINER COVER	37. WELCH PLUG - IDLE PORT
19. COVER - FUEL STRAINER	38. WELCH PLUG - NOZZLE CHECK VALVE
	39. WELCH PLUG - ECONOMIZER CHECK BALL (SOME MODELS)
	40. BALL - ECONOMIZER CHECK (SOME MODELS)
	41. BODY - MAIN CARBURETOR
	42. GASKET - FLANGE

### CLEANING

CLEANING MUST BE DONE WITH CARBURETOR DISASSEMBLED. SOAK PARTS LONG ENOUGH TO SOFTEN AND REMOVE ALL FOREIGN MATERIAL. USE (1) A CARBURETOR CLEANING SOLVENT, (2) LACQUER THINNER, OR (3) DENATURATED ALCOHOL. MAKE CERTAIN THE THROTTLE BORE IS FREE OF ALL CARBON AND VARNISH DEPOSITS. RINSE OFF IN SUITABLE SOLVENT. BLOW OUT ALL PASSAGES IN CASTINGS WITH COMPRESSED AIR AND CHECK CAREFULLY TO INSURE THOROUGH CLEANING OF OBSCURE AREAS. CAUTION: DO NOT SOAK GASKETS OR RUBBER PARTS IN CLEANING SOLVENTS.

### REASSEMBLY

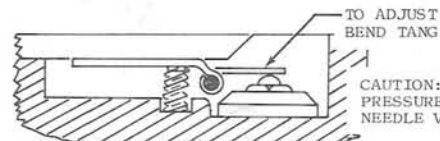
REASSEMBLE IN REVERSE ORDER OF DISASSEMBLY. NOTE SPECIAL INSTRUCTIONS AND ADJUSTMENTS.

### SPECIAL INSTRUCTIONS

WELCH PLUG INSTALLATION - INSTALL PLUG WITH CONVEX SIDE UP. THEN FLATTEN, USING A 5/16" FLAT END PUNCH AND HAMMER. (CORRECTLY INSTALLED WELCH PLUG IS FLAT.)

INLET NEEDLE SEAT INSTALLATION - INSTALL GASKET AND SEAT THEN TIGHTEN TO 40-50 INCH LBS. OF TORQUE.

### INLET CONTROL LEVER SETTING



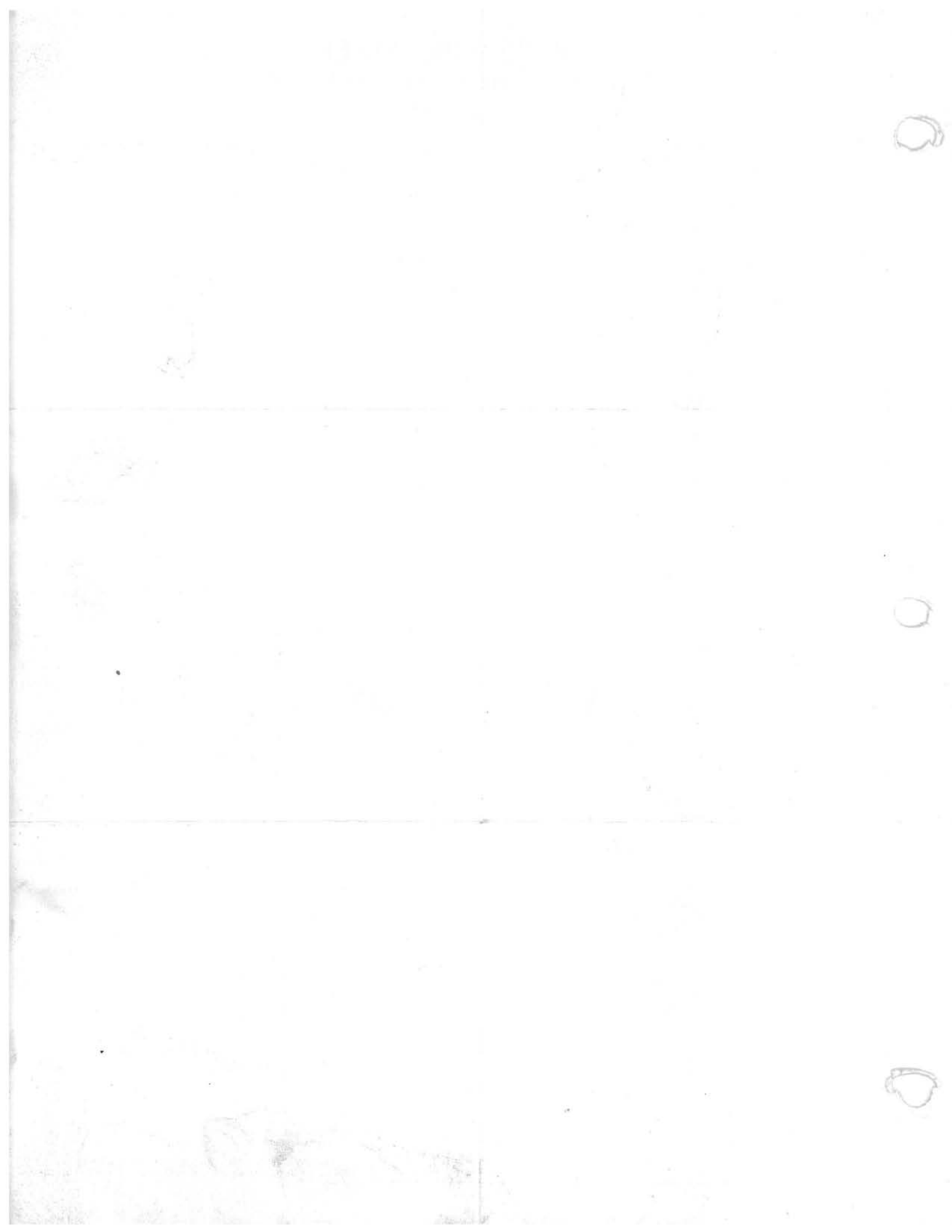
INLET CONTROL LEVER SHOULD BE FLUSH WITH THE METERING CHAMBER WALL.

IDLE NEEDLE INSTALLATION - TURN NEEDLE (4) IN LIGHTLY UNTIL SEATED, THEN BACK OUT 1 TURN.

HIGH SPEED NEEDLE INSTALLATION - TURN NEEDLE (8) IN LIGHTLY UNTIL SEATED, THEN BACK OUT 1 TURN.

IDLE ADJUSTMENT - ENGINE AT OPERATING TEMPERATURE, ADJUST IDLE MIXTURE SCREW TO OBTAIN A SMOOTH STEADY IDLE AND ADJUST IDLE SPEED SCREW TO ENGINE MANUFACTURER'S R.P.M.

HIGH SPEED ADJUSTMENT - ENGINE AT FULLY OPEN THROTTLE AND UNDER NORMAL FULL LOAD, ADJUST NEEDLE TO OBTAIN THE HIGHEST R.P.M.

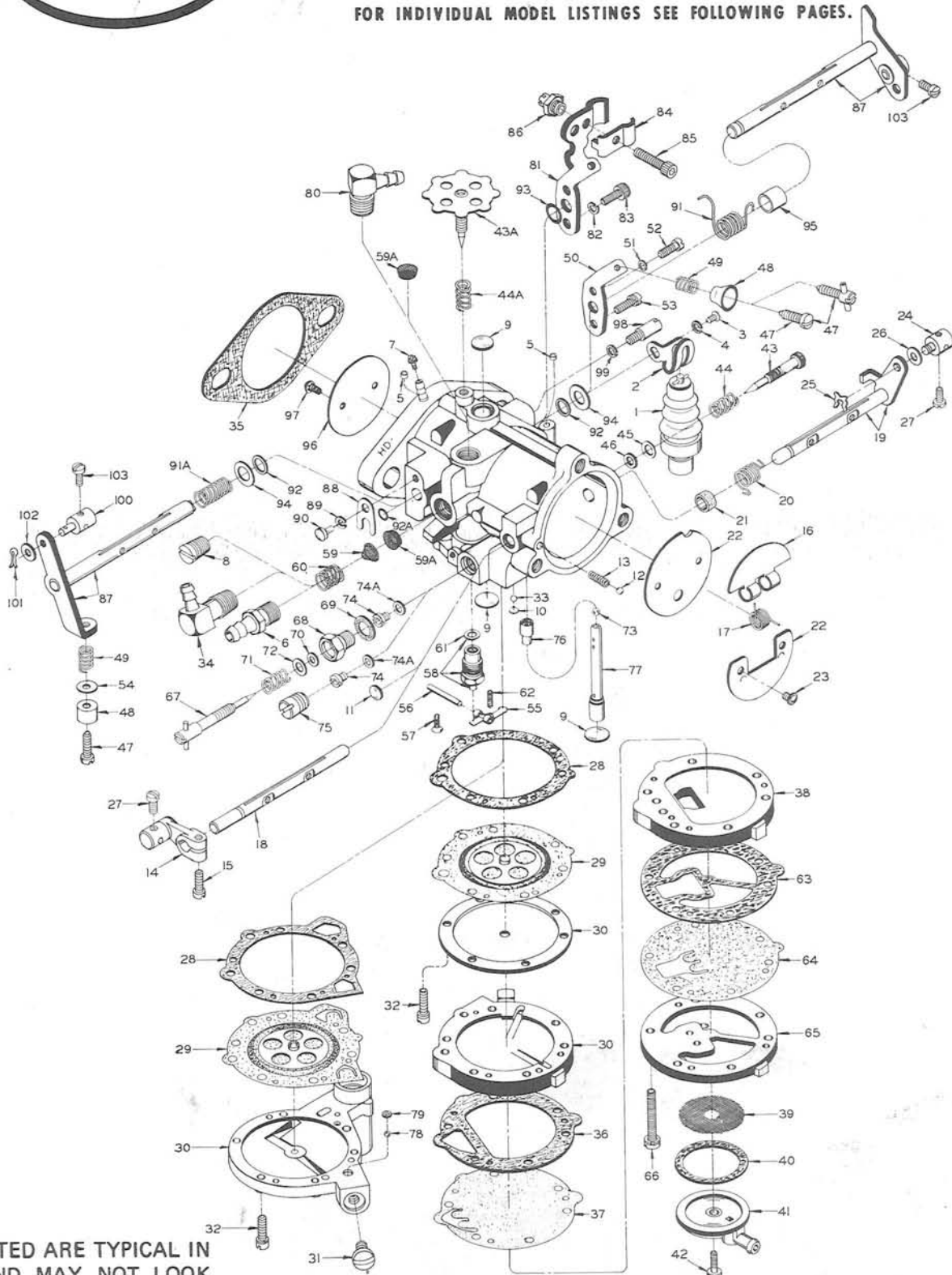




# HD SERIES

## 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.

Form S-1009  
Rev. 10/72

**Marvel-Schebler / Tillotson**



DIVISION OF BORG-WARNER CORPORATION  
761 Berdan Avenue • Box 6598, Toledo, Ohio 43612





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

Carburetor Model	Superseding Model	Equipment
HD-1A . . . . .	.HD-1D . . . . .	.Harley-Davidson
HD-1B . . . . .	.HD-1D . . . . .	.Harley-Davidson
HD-1C . . . . .	.HD-1D . . . . .	.Harley-Davidson
HD-1D . . . . .	. . . . .	.Harley-Davidson
HD-2A & 2B . . . . .	.HD-2D . . . . .	.Harley-Davidson

Ref. No.	Part Name	HD-1A	HD-1B	HD-1C	HD-1D	HD-2A— HD-2B
1	* Accelerator Pump Assembly . . . . .	013785	013785	013785	013785	013785
2	Accelerator Pump Lever . . . . .	012761	012761	012761	012761	012761
3	* Accelerator Pump Lever Screw . . . . .	06393	06393	06393	06393	06393
4	* Accelerator Pump Lever Lockwasher . . . . .	06396	06396	06396	06396	06396
5	* Body Channel Cup Plug (2) . . . . .	010588	010588	010588	010588	010588
9	* Body Channel Welch Plug (2) . . . . .	04326	04326	04326	04326	04326
10	* Body Channel Welch Plug . . . . .	013737	013737	013737	----	013737
11	* Body Channel Welch Plug (Choke) . . . . .	03489	03489	03489	03489	03489
12	Choke Friction Ball . . . . .	04784	04784	04784	04784	04784
13	Choke Friction Spring . . . . .	08805	08805	08805	08805	08805
16	Choke Relief Valve . . . . .	013742	013742	013742	013742	013742
17	* Choke Relief Valve Spring . . . . .	013775	013775	013775	013775	013775
19	Choke Shaft & Lever . . . . .	013777	014296	014296	014296	013777
21	Choke Shaft Seal . . . . .	09484	09484	09484	09484	09484
22	Choke Shutter . . . . .	013741	013741	013741	013741	013741
23	* Choke Shutter Screw (2) . . . . .	08942	08942	08942	08942	08942
24	Choke Wire Connection . . . . .	----	014294	014294	014294	----
25	Choke Wire Ret. Clip . . . . .	----	010392	010392	010392	----
26	Choke Wire Connection Washer . . . . .	----	012174	012174	012174	----
27	Choke Wire Ret. Screw . . . . .	----	012305	012305	012305	----
28	Diaphragm Gasket . . . . .	013731	013731	013731	013731	013731
29	* Diaphragm . . . . .	013790	013790	013790	013790	013790
30	Diaphragm Cover . . . . .	014871	014871	014871	014871	014871
31	Diaphragm Cover Plug Screw . . . . .	013771	013771	013771	013771	013771
32	Diaphragm Cover Ret. Screw (6) . . . . .	010278	010278	010278	010278	010278
33	Economiser Check Ball . . . . .	05322	05322	05322	----	05322
43A	Idle Mixture Screw . . . . .	013787	013787	013787	013787	013787
44A	* Idle Mixture Screw Spring . . . . .	011103	011103	011103	011103	011103
47	* Idle Speed Screw . . . . .	012177	012177	012177	012177	012177
48	Idle Speed Screw Cup . . . . .	010050	010050	010050	010050	010050
49	* Idle Speed Screw Spring . . . . .	0788	0788	0788	0788	0788
54	Idle Speed Screw Washer . . . . .	04920	04920	04920	04920	04920
55	* Inlet Control Lever . . . . .	014020	014020	014020	014020	014020
56	* Inlet Control Lever Fulcrum Pin . . . . .	013406	013406	015397	015397	013406
57	* Inlet Control Lever Fulcrum Pin Screw . . . . .	013269	013269	013269	013269	013269
58	Inlet Needle, Seat & Gasket . . . . .	014224	014853	014853	014853	014224
59A	* Inlet Screen (2) . . . . .	010301	010301	010301	010301	010301
61	Inlet Seat Gasket . . . . .	013744	013744	013744	013744	013744
62	* Inlet Tension Spring . . . . .	013434	013434	013434	013434	013434
43	Intermediate Mixture Screw . . . . .	013772	013772	013772	013772	013772
46	Intermediate Mixture Screw Packing . . . . .	010511	010511	010511	010511	010511
44	* Intermediate Mixture Screw Spring . . . . .	011103	011103	011103	011103	011103
45	Intermediate Mixture Screw Washer . . . . .	03114	03114	03114	03114	03114
74	Main Fuel Jet (.057) . . . . .	011394	011394	011394	011394	----
74	Main Fuel Jet (.061) . . . . .	----	----	----	----	011396
74A	Main Fuel Jet Gasket . . . . .	06076	06076	06076	06076	06076
75	Main Fuel Jet Plug Screw . . . . .	01102	01102	01102	01102	01102
76	Nozzle Check Valve . . . . .	013789	013789	013789	013789	013789
78	Pump Outlet Check Ball . . . . .	----	----	05322	05322	----
79	Pump Outlet Check Ball Retainer . . . . .	----	----	012153	012153	----
87	Throttle Shaft & Lever . . . . .	013782	014297	014297	014297	013782
91A	* Throttle Shaft Compression Spring . . . . .	013738	013738	013738	013738	013738
92	Throttle Shaft Seal (2) . . . . .	013740	013740	013740	013740	013740
94	* Throttle Shaft Seal Washer (2) . . . . .	013746	013746	013746	013746	013746
96	Throttle Shutter . . . . .	013745	013745	013745	013745	013745
97	* Throttle Shutter Screw (2) . . . . .	08942	08942	08942	08942	08942
100	Throttle Wire Connection . . . . .	----	014225	014225	014225	----
101	Throttle Wire Connection Ret. Clip . . . . .	----	0379	0379	0379	----
102	Throttle Wire Connection Washer . . . . .	----	05413	05413	05413	----
103	* Throttle Wire Ret. Screw . . . . .	058	058	058	058	058
	* <b>Gasket Set</b> . . . . .	GS-2HD	GS-2HD	GS-2HD	GS-2HD	GS-2HD
	* <b>Repair Parts Kit</b> . . . . .	RR-3HD	RR-3HD	RR-3HD	RR-3HD	RR-3HD

(\*) Indicates contents of Repair Parts Kit



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

Carburetor Model      Superseding Model      Equipment

HD-2C . . . . . HD-2D . . . . . Harley-Davidson  
 HD-2D . . . . . Harley-Davidson  
 HD-3A . . . . . Harley-Davidson  
 HD-5A . . . . . Harley-Davidson  
 HD-43A . . . . . Harley-Davidson

Ref. No.	Part Name	HD-2C	HD-2D	HD-3A	HD-5A	HD-43A
1	* Accelerator Pump Assembly . . . . .	013785	013785	013785	----	----
2	Accelerator Pump Lever . . . . .	012761	012761	012761	012761	012761
3	* Accelerator Pump Lever Screw . . . . .	06393	06393	06393	06393	06393
4	* Accelerator Pump Lever Lockwasher . . . . .	06396	06396	06396	06396	06396
5	* Body Channel Cup Plug (2) . . . . .	010588	010588	010588	010588	010588
9	* Body Channel Welch Plug (2) . . . . .	04326	04326	04326	04326	04326
10	* Body Channel Welch Plug . . . . .	013737	013737	013737	013737	013737
11	* Body Channel Welch Plug (Choke) . . . . .	03489	03489	----	----	----
12	Choke Friction Ball . . . . .	04784	04784	----	----	----
13	Choke Friction Spring . . . . .	08805	08805	----	----	----
16	Choke Relief Valve . . . . .	013742	013742	----	----	----
17	* Choke Relief Valve Spring . . . . .	013775	013775	----	----	----
19	Choke Shaft & Lever . . . . .	014296	014296	----	----	----
21	Choke Shaft Seal . . . . .	09484	09484	----	----	----
22	Choke Shutter . . . . .	013741	013741	----	----	----
23	* Choke Shutter Screw (2) . . . . .	08942	08942	----	----	----
24	Choke Wire Connection . . . . .	014294	014294	----	----	----
25	Choke Wire Ret. Clip . . . . .	010392	010392	----	----	----
26	Choke Wire Connection Washer . . . . .	012174	012174	----	----	----
27	Choke Wire Ret. Screw . . . . .	012305	012305	----	----	----
28	Diaphragm Gasket . . . . .	013731	013731	013731	014120	014120
29	* Diaphragm . . . . .	013790	013790	013790	014248	014248
30	Diaphragm Cover . . . . .	014871	014871	014871	014117	014117
31	Diaphragm Cover Plug Screw . . . . .	013771	013771	013771	----	----
32	Diaphragm Cover Ret. Screw (6) . . . . .	010278	010278	010278	014142	014142
33	Economiser Check Ball . . . . .	05322	05322	05322	05322	05322
43A	Idle Mixture Screw . . . . .	013787	013787	013787	013787	013787
44A	* Idle Mixture Screw Spring . . . . .	011103	011103	011103	011103	011103
47	* Idle Speed Screw . . . . .	012177	012177	012177	012177	012177
48	Idle Speed Screw Cup . . . . .	010050	010050	010050	010050	010050
49	* Idle Speed Screw Spring . . . . .	0788	0788	0788	0788	0788
54	Idle Speed Screw Washer . . . . .	04920	04920	04920	04920	04920
55	* Inlet Control Lever . . . . .	014020	014020	010513	014020	014020
56	* Inlet Control Lever Fulcrum Pin . . . . .	013406	015397	013406	015397	015397
57	* Inlet Control Lever Fulcrum Pin Screw . . . . .	013269	013269	013269	013269	013269
58	Inlet Needle, Seat & Gasket . . . . .	014853	014853	013774	014224	014224
59A	* Inlet Screen (2) . . . . .	010301	010301	010301	010301	010301
61	Inlet Seat Gasket . . . . .	013744	013744	013744	013744	013744
62	* Inlet Tension Spring . . . . .	013434	013434	013434	013434	013434
43	Intermediate Mixture Screw . . . . .	013772	013772	013772	013772	013772
46	Intermediate Mixture Screw Packing . . . . .	010511	010511	010511	010511	010511
44	* Intermediate Mixture Screw Spring . . . . .	011103	011103	011103	011103	011103
45	Intermediate Mixture Screw Washer . . . . .	03114	03114	03114	03114	03114
67	High Speed Mixture Screw . . . . .	----	----	013855	013855	013855
68	High Speed Mixture Screw Gland . . . . .	----	----	013853	013853	013853
69	High Speed Mixture Screw Gland Gasket . . . . .	----	----	0676	0676	0676
70	High Speed Mixture Screw Gland Packing . . . . .	----	----	010511	010511	010511
71	* High Speed Mixture Screw Spring . . . . .	----	----	011103	011103	011103
72	High Speed Mixture Screw Washer . . . . .	----	----	03114	03114	03114
74	Main Fuel Jet (.053) . . . . .	011765	011765	----	----	----
74	Main Fuel Jet (.081) . . . . .	----	----	011482	----	----
74	Main Fuel Jet (.089) . . . . .	----	----	----	014313	014313
74A	Main Fuel Jet Gasket . . . . .	06076	06076	----	013683	013683
75	Main Fuel Jet Plug Screw . . . . .	01102	01102	----	----	----
76	Nozzle Check Valve . . . . .	013789	013789	013789	013789	013789
78	Pump Outlet Check Ball . . . . .	----	05322	----	----	----
79	Pump Outlet Check Ball Retainer . . . . .	----	012153	----	----	----
87	Throttle Shaft & Lever . . . . .	014297	014297	013782	014297	015601
91	* Throttle Shaft Return Spring . . . . .	----	----	----	----	015600
91A	* Throttle Shaft Compression Spring . . . . .	013738	013738	013738	013738	----
92	Throttle Shaft Seal (2) . . . . .	013740	013740	013740	013740	013740
94	* Throttle Shaft Seal Washer (2) . . . . .	013746	013746	013746	013746	013746
96	Throttle Shutter . . . . .	013745	013745	013745	013745	013745
97	* Throttle Shutter Screw (2) . . . . .	08942	08942	08942	08942	08942
100	Throttle Wire Connection . . . . .	014225	014225	----	014225	----
101	Throttle Wire Connection Ret. Clip . . . . .	0379	0379	----	0379	----
102	Throttle Wire Connection Washer . . . . .	05413	05413	----	05413	----
103	* Throttle Wire Ret. Screw . . . . .	058	058	058	058	----
	* Gasket Set . . . . .	GS-2HD	GS-2HD	GS-2HD	GS-2HD	GS-2HD
	* Repair Parts Kit . . . . .	RK-3HD	RK-3HD	RK-3HD	RK-3HD	RK-3HD

(\*) Indicates contents of Repair Parts Kit





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

Carburetor Model	Superseding Model	Equipment
HD-4A (incl. FP-6 Fuel Pump Asm.)		Bombardier, Rotax
HD-5A (See Page 4)		Harley-Davidson
HD-6A (incl. FP-5 Fuel Pump Asm.)	HD-7AX	AMF, Arctic, Polaris
HD-6B (incl. FP-5 Fuel Pump Asm.)	HD-7AX	Herter's, Polaris, Sno-Jet
HD-6BX (incl. FP-5 Fuel Pump Asm.)	HD-7AX	AMF
HD-7A	HD-7AX	Lionel, Moto-Ski, Polaris, Powered Products, Rupp, Sno-Jet, Scorpion, Trade Winds
HD-7AX		Fichtel & Sachs, AMF, Moto-Ski, Sno-Jet, Powered Products

Ref. No.	Part Name	HD-4A	HD-6A	HD-6B	HD-6BX	HD-7A	HD-7AX
8	Body Channel Plug Screw	----	----	----	----	0244	0244
9	* Body Channel Welch Plug (2)	04326	04326	04326	04326	04326	04326
10	* Body Channel Welch Plug	----	013737	013737	013737	013737	----
12	Choke Friction Ball	04784	04784	04784	04784	04784	04784
13	Choke Friction Spring	08805	08805	08805	08805	08805	08805
19	Choke Shaft & Lever	013777	013777	014676	014676	014676	014676
22	Choke Shutter	014232	014232	014232	014232	014232	014232
23	Choke Shutter Screw (2)	08942	08942	08942	08942	08942	08942
24	Choke Wire Connection	----	----	014675	014675	014675	014675
25	Choke Wire Connection Retaining Clip	----	----	010392	010392	010392	010392
27	* Choke Wire Retaining Screw	----	----	058	058	058	058
28	Diaphragm Gasket	014120	014120	014120	014120	014120	014120
29	* Diaphragm	014248	014248	014248	014248	014248	014248
30	Diaphragm Cover	014249	014249	014249	014249	014705	014705
32	Diaphragm Cover Retaining Screw (6)	014142	014142	014142	014142	----	----
33	Economiser Check Ball	----	05322	05322	05322	05322	----
35	Flange Gasket	08304	08304	08304	08304	08304	08304
36	Fuel Pump Gasket	----	----	----	----	014643	014643
37	* Fuel Pump Diaphragm	----	----	----	----	014644	014644
38	Fuel Pump Body	----	----	----	----	014645	014645
39	* Fuel Strainer Screen	----	----	----	----	011516	011516
40	Fuel Strainer Cover Gasket	----	----	----	----	010529	010529
41	Fuel Strainer Cover	----	----	----	----	010527	010527
42	* Fuel Strainer Cover Retaining Screw	----	----	----	----	010571	010571
43	Idle Mixture Screw	014239	014239	013772	013772	013772	013772
44	* Idle Mixture Screw Spring	011103	011103	011103	011103	011103	011103
45	Idle Mixture Screw Washer	03114	03114	03114	03114	03114	03114
46	Idle Mixture Screw Packing	010511	010511	010511	010511	010511	010511
47	* Idle Speed Screw	012177	05095	05095	05095	05095	05095
48	Idle Speed Screw Cup	014478	----	----	----	----	----
49	* Idle Speed Screw Spring	0788	0788	0788	0788	0788	0788
50	Idle Speed Screw Bracket	----	014349	014349	014349	014349	014349
53	Idle Speed Bracket Retaining Screw (2)	----	014142	014142	014142	014142	014142
55	* Inlet Control Lever	010513	010513	010513	010513	010513	010513
56	* Inlet Control Lever Fulcrum Pin	013406	013406	013406	013406	013406	013406
57	* Inlet Control Lever Fulcrum Pin Screw	013269	013269	013269	013269	013269	013269
58	Inlet Needle, Seat & Gasket	014237	014237	014632	014632	014683	014683
59	* Inlet Screen	----	----	----	----	----	015218
60	* Inlet Screen Ret. Spring	----	----	----	----	----	015219
61	Inlet Seat Gasket	013744	013744	013744	013744	013744	013744
62	* Inlet Tension Spring	011503	013434	011503	011503	011503	011503
63	Inlet Valve Gasket	----	----	----	----	014646	014646
64	* Inlet Valve Diaphragm	----	----	----	----	014647	014647
65	Inlet Valve Body & Strainer	----	----	----	----	014648	014648
66	Inlet Valve Body Screw & Lockwasher (6)	----	----	----	----	014687	014687
67	High Speed Mixture Screw	014247	014247	014247	014247	014247	014247
68	High Speed Mixture Screw Gland	013853	013853	013853	013853	013853	013853
69	High Speed Mixture Screw Gland Gasket	0676	0676	0676	0676	0676	0676
70	High Speed Mixture Screw Gland Packing	010511	010511	010511	010511	010511	010511
71	* High Speed Mixture Screw Spring	011103	011103	011103	011103	011103	011103
72	High Speed Mixture Screw Washer	03114	03114	03114	03114	03114	03114
74	Main Fuel Jet (.089)	----	----	----	014313	014313	014313
74	Main Fuel Jet (.120)	014246	014246	014246	----	----	----
74A	Main Fuel Jet Gasket	----	013683	013683	013683	013683	013683
76	Nozzle Check Valve	014578	014578	014578	014578	014578	014578
87	Throttle Shaft & Lever	014243	014355	014355	014355	014355	014355
88	Throttle Shaft Clip	014118	014118	014118	014118	014118	014118
89	Throttle Shaft Clip Lockwasher	0992	0992	0992	0992	0992	0992
90	Throttle Shaft Clip Retaining Screw	01974	01974	01974	01974	01974	01974
91	* Throttle Shaft Return Spring	014115	014348	014348	014348	014348	014348
96	Throttle Shutter	013745	013745	013745	013745	013745	013745
97	* Throttle Shutter Screw (2)	015912	015912	015912	015912	015912	015912
98	Throttle Lever Stop Pin	014244	----	----	----	----	----
99	Throttle Lever Stop Pin Lockwasher	012958	----	----	----	----	----
103	* Gasket Set	058	058	058	058	058	058
	* Repair Parts Kit	GS-1HD	GS-1HD	GS-1HD	GS-1HD	GS-1HD	GS-1HD
	* Diaphragm & Gasket Set	RK-2HD	RK-2HD	RK-2HD	RK-2HD	RK-1HD	RK-1HD
		----	----	----	----	DG-1HD	DG-1HD

(\* ) Indicates contents of Repair Parts Kit



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

Carburetor Model      Superseding Model      Equipment

HD-8A . . . . . HD-8B . . . . . Bombardier  
 HD-8B . . . . . Bombardier  
 HD-9A . . . . . HD-10AX . . . . . Arctic  
 HD-10A . . . . . HD-10AX . . . . . Arctic, Scorpion  
 HD-10AX . . . . . Arctic  
 HD-11A . . . . . OMC (Evinrude)

Ref. No.	Part Name	HD-8A	HD-8B	HD-9A	HD-10A	HD-10AX	HD-11A
6	Body Channel Line Connection . . . . .	----	015120	----	----	----	----
8	Body Channel Plug Screw . . . . .	0244	----	----	0244	0244	----
9	* Body Channel Welch Plug (2) . . . . .	04326	04326	04326	04326	04326	04326
10	* Body Channel Welch Plug . . . . .	----	----	013737	013737	----	----
12	Choke Friction Ball . . . . .	04784	04784	04784	04784	04784	04784
13	Choke Friction Spring . . . . .	08805	08805	08805	08805	08805	08805
16	Choke Relief Valve . . . . .	----	----	----	----	----	013742
17	* Choke Relief Valve Spring . . . . .	----	----	----	----	----	013775
19	Choke Shaft & Lever . . . . .	013777	013777	013777	014676	014676	014924
22	Choke Shutter . . . . .	014232	015010	014232	014232	014232	013741
23	Choke Shutter Screw (2) . . . . .	08942	08942	08942	08942	08942	08942
24	Choke Wire Connection . . . . .	----	----	----	014675	014675	----
25	Choke Wire Connection Retaining Clip . . . . .	----	----	----	010392	010392	----
27	* Choke Wire Retaining Screw . . . . .	----	----	----	058	058	058
28	Diaphragm Gasket . . . . .	014120	014120	014120	014120	014120	014120
29	* Diaphragm . . . . .	014248	014248	014248	014248	014248	014248
30	Diaphragm Cover . . . . .	014642	014642	014249	014705	014705	014117
32	Diaphragm Cover Retaining Screw (6) . . . . .	----	----	014142	----	----	014142
33	Economiser Check Ball . . . . .	----	----	05322	----	----	----
35	Flange Gasket . . . . .	08304	014834(2)	08304	08304	08304	08304
36	Fuel Pump Gasket . . . . .	014643	014643	----	014643	014643	----
37	* Fuel Pump Diaphragm . . . . .	014644	014644	----	014644	014644	----
38	Fuel Pump Body . . . . .	014645	014645	----	014645	014645	----
39	* Fuel Strainer Screen . . . . .	010530	010530	----	011516	011516	----
40	Fuel Strainer Cover Gasket . . . . .	010529	010529	----	010529	010529	----
41	Fuel Strainer Cover . . . . .	010527	010527	----	010527	010527	----
42	* Fuel Strainer Cover Retaining Screw . . . . .	010571	010571	----	010571	010571	----
43	Idle Mixture Screw . . . . .	014239	014239	014239	013772	013772	013772
44	* Idle Mixture Screw Spring . . . . .	011103	011103	011103	011103	011103	011103
45	Idle Mixture Screw Washer . . . . .	03114	03114	03114	03114	03114	03114
46	Idle Mixture Screw Packing . . . . .	010511	010511	010511	010511	010511	010511
47	* Idle Speed Screw . . . . .	012177	012177	05095	05095	05095	015361
48	Idle Speed Screw Cup . . . . .	014478	014478	----	----	----	----
49	* Idle Speed Screw Spring . . . . .	0788	0788	0788	0788	0788	0788
50	Idle Speed Screw Bracket . . . . .	----	----	014349	014349	014349	015152
51	Idle Speed Screw Bracket Lockwasher (2) . . . . .	----	----	----	----	0992	0992
52	Idle Speed Bracket Retaining Screw (2) . . . . .	----	----	014142	014142	014142	----
53	Idle Speed Bracket Retaining Screw (2) . . . . .	----	----	----	----	----	015153
55	* Inlet Control Lever . . . . .	010513	010513	010513	010513	010513	010513
56	Inlet Control Lever Fulcrum Pin . . . . .	013406	013406	013406	013406	013406	013406
57	* Inlet Control Lever Fulcrum Pin Screw . . . . .	013269	013269	013269	013269	013269	013269
58	Inlet Needle, Seat & Gasket . . . . .	014683	014683	014237	014683	014683	013774
59	* Inlet Screen . . . . .	----	015218	----	----	----	----
59A	* Inlet Screen (2) . . . . .	----	----	----	----	----	010301
60	* Inlet Screen Ret. Spring . . . . .	----	015219	----	----	----	----
61	Inlet Seat Gasket . . . . .	013744	013744	013744	013744	013744	013744
62	* Inlet Tension Spring . . . . .	011503	011503	013434	011503	011503	013434
63	Inlet Valve Gasket . . . . .	014646	014646	----	014646	014646	----
64	* Inlet Valve Diaphragm . . . . .	014647	014647	----	014647	014647	----
65	Inlet Valve Body & Strainer . . . . .	014688	014688	----	014688	014688	----
66	Inlet Valve Body Screw & Lockwasher (6) . . . . .	014687	014687	----	014687	014687	----
67	High Speed Mixture Screw . . . . .	014247	014247	014247	014247	014247	014247
68	High Speed Mixture Screw Gland . . . . .	013853	013853	013853	013853	013853	013853
69	High Speed Mixture Screw Gland Gasket . . . . .	0676	0676	0676	0676	0676	0676
70	High Speed Mixture Screw Gland Packing . . . . .	010511	010511	010511	010511	010511	010511
71	* High Speed Mixture Screw Spring . . . . .	011103	011103	011103	011103	011103	011103
72	High Speed Mixture Screw Washer . . . . .	03114	03114	03114	03114	03114	03114
74	Main Fuel Jet (.089) . . . . .	----	----	----	014313	014313	----
74	Main Fuel Jet (.096) . . . . .	----	----	----	----	----	014920
74	Main Fuel Jet (.120) . . . . .	014246	015009	014246	----	----	----
74A	Main Fuel Jet Gasket . . . . .	013683	013683	013683	013683	013683	013683
76	Nozzle Check Valve . . . . .	014578	014578	014578	014578	014578	014578
87	Throttle Shaft & Lever . . . . .	014243	014243	014723	014723	014723	014916
88	Throttle Shaft Clip . . . . .	014118	014118	014118	014118	014118	014118
89	Throttle Shaft Clip Lockwasher . . . . .	0992	0992	0992	0992	0992	0992
90	Throttle Shaft Clip Retaining Screw . . . . .	01974	01974	01974	01974	01974	01974
91	* Throttle Shaft Return Spring . . . . .	014115	014115	014348	014348	014348	015383
95	Throttle Shaft Sleeve . . . . .	----	----	----	----	----	015180
96	Throttle Shutter . . . . .	013745	013745	013745	013745	013745	013745
97	* Throttle Shutter Screw (2) . . . . .	015912	015912	015912	015912	015912	015912
98	Throttle Lever Stop Pin . . . . .	014244	014244	----	----	----	----
99	Throttle Lever Stop Pin Lockwasher . . . . .	012958	012958	----	----	----	----
103	* Throttle Wire Retaining Screw . . . . .	058	058	058	058	058	----
	* Gasket Set . . . . .	GS-1HD	GS-1HD	GS-1HD	GS-1HD	GS-1HD	GS-1HD
	* Repair Parts Kit . . . . .	RK-1HD	RK-1HD	RK-2HD	RK-1HD	RK-1HD	RK-2HD
	* Diaphragm & Gasket Set . . . . .	DG-1HD	DG-1HD	----	DG-1HD	DG-1HD	----

(\* ) Indicates contents of Repair Parts Kit





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

**Carburetor Model      Superseding Model      Equipment**

HD-13A . . . . .	.PTS, Fox, Lionel, Moto-Ski, Moleba Auto-Neige, Polaris, Polaron Prod., Rupp, Norway Snowmobiles, Skiroule, Scorpion, Sno-Jet, Simco, Fichtel & Sachs, Rockwell, Arctic, Auto Ski, Auto Technic, Boa-Ski, Duffers, Eskimo Snowmobiles, FMC, Sports Power, Viking, Valcartier
HD-14A . . . . .	.Herter's, Muskat Corp., Polaris, Northway Snowmobiles, Scorpion, Sno-Jet, Fichtel & Sachs, Arctic, Auto Ski, Boatel, FTS, Featherweight, Fox,
HD-15A . . . . .	.AMF
HD-16A . . . . .	.AMF
HD-17A . . . . .	.Moto-Ski
HD-18A . . . . .	.Trade Winds

Ref. No.	Part Name	HD-13A	HD-14A	HD-15A	HD-16A	HD-17A	HD-18A
7	Body Channel Plug Screw . . . . .	014988	014988	014988	014988	014988	014988
8	Body Channel Plug Screw . . . . .	0244	0244	0244	0244	0244	0244
9	* Body Channel Welch Plug (2) . . . . .	04326	04326	04326	04326	04326	04326
12	Choke Friction Ball . . . . .	04784	04784	04784	04784	04784	04784
13	Choke Friction Spring . . . . .	08805	08805	08805	08805	08805	08805
14	Choke Lever . . . . .	----	----	----	015051	----	----
15	Choke Lever Retaining Screw . . . . .	----	----	----	0240	----	----
18	Choke Shaft . . . . .	----	----	----	015052	----	----
19	Choke Shaft & Lever . . . . .	014991	014991	015021	----	014991	014991
22	Choke Shutter . . . . .	015010	015010	015010	015010	015010	015010
23	Choke Shutter Screw (2) . . . . .	015912	015912	08942	08942	015912	015912
27	* Choke Wire Retaining Screw . . . . .	055	055	055	055	055	055
28	Diaphragm Gasket . . . . .	014120	014120	014120	014120	014120	014120
29	* Diaphragm . . . . .	014248	014248	014248	014248	014248	014248
30	Diaphragm Cover . . . . .	014705	014705	014705	014705	014705	014705
35	Flange Gasket . . . . .	014834	014834	014834	014834	014834	014834
36	Fuel Pump Gasket . . . . .	014643	014643	014643	014643	014643	014643
37	* Fuel Pump Diaphragm . . . . .	014644	014644	014644	014644	014644	014644
38	Fuel Pump Body . . . . .	014645	014645	014645	014645	014645	014645
39	* Fuel Strainer Screen . . . . .	011516	011516	011516	011516	011516	011516
40	Fuel Strainer Cover Gasket . . . . .	010529	010529	010529	010529	010529	010529
41	Fuel Strainer Cover . . . . .	014937	014937	014937	014937	014937	014937
42	* Fuel Strainer Cover Retaining Screw . . . . .	010571	010571	010571	010571	010571	010571
43	Idle Mixture Screw . . . . .	014239	014239	014239	014239	014239	014239
44	* Idle Mixture Screw Spring . . . . .	011103	011103	011103	011103	011103	011103
45	Idle Mixture Screw Washer . . . . .	03114	03114	03114	03114	03114	03114
46	Idle Mixture Screw Packing . . . . .	010511	010511	010511	010511	010511	010511
47	* Idle Speed Screw . . . . .	05095	05095	05095	05095	05095	05095
49	* Idle Speed Screw Spring . . . . .	0788	0788	0788	0788	0788	0788
50	Idle Speed Screw Bracket . . . . .	014349	----	014349	014349	014349	014349
53	Idle Speed Bracket Retaining Screw (2) . . . . .	014142	----	014142	014142	014142	014142
55	* Inlet Control Lever . . . . .	010513	010513	010513	010513	010513	010513
56	* Inlet Control Lever Fulcrum Pin . . . . .	013406	013406	013406	013406	013406	013406
57	* Inlet Control Lever Fulcrum Pin Screw . . . . .	013269	013269	013269	013269	013269	013269
58	Inlet Needle, Seat & Gasket . . . . .	014683	014683	014683	014683	014683	014683
59	* Inlet Screen . . . . .	015218	015218	015218	015218	015218	015218
60	* Inlet Screen Ret. Spring . . . . .	015219	015219	015219	015219	015219	015219
61	Inlet Seat Gasket . . . . .	013744	013744	013744	013744	013744	013744
62	* Inlet Tension Spring . . . . .	011503	011503	011503	011503	011503	011503
63	Inlet Valve Gasket . . . . .	014646	014646	014646	014646	014646	014646
64	* Inlet Valve Diaphragm . . . . .	014647	014647	014647	014647	014647	014647
65	Inlet Valve Body & Strainer . . . . .	014648	014648	014648	014648	014648	014648
66	Inlet Valve Body Screw & Lockwasher (6) . . . . .	014687	014687	014687	014687	014687	014687
67	High Speed Mixture Screw . . . . .	014247	014247	014247	014247	014247	014247
68	High Speed Mixture Screw Gland . . . . .	013853	013853	013853	013853	013853	013853
69	High Speed Mixture Screw Gland Gasket . . . . .	0676	0676	0676	0676	0676	0676
70	High Speed Mixture Screw Gland Packing . . . . .	010511	010511	010511	010511	010511	010511
71	* High Speed Mixture Screw Spring . . . . .	011103	011103	011103	011103	011103	011103
72	High Speed Mixture Screw Washer . . . . .	03114	03114	03114	03114	03114	03114
74	Main Fuel Jet (.089) . . . . .	014993	014993	014993	----	014993	014993
74	Main Fuel Jet (.120) . . . . .	----	----	----	015009	----	----
74A	Main Fuel Jet Gasket . . . . .	013683	013683	013683	013683	013683	013683
76	Nozzle Check Valve . . . . .	014578	014578	014578	013789	014578	014578
81	Throttle Cable Bracket . . . . .	----	014999	----	----	----	----
82	Throttle Cable Bracket Lockwasher (2) . . . . .	----	0992	----	----	----	----
83	Throttle Cable Bracket Ret. Screw (2) . . . . .	----	015384	----	----	----	----
84	Throttle Cable Clamp . . . . .	----	014995	----	----	----	----
85	Throttle Cable Clamp Ret. Screw . . . . .	----	014998	----	----	----	----
86	Throttle Cable Clamp Ret. Nut . . . . .	----	014997	----	----	----	----
87	Throttle Shaft & Lever . . . . .	014992	014992	015025	015025	014992	015124
88	Throttle Shaft Clip . . . . .	014118	014118	014118	014118	014118	014118
89	Throttle Shaft Clip Lockwasher . . . . .	0992	0992	0992	0992	0992	0992
90	Throttle Shaft Clip Retaining Screw . . . . .	01974	01974	01974	01974	01974	01974
91	* Throttle Shaft Return Spring . . . . .	014348	014348	014348	014348	014348	014348
96	Throttle Shutter . . . . .	013745	013745	013745	013745	013745	013745
97	* Throttle Shutter Screw (2) . . . . .	015912	015912	015912	015912	015912	015912
103	* Throttle Wire Retaining Screw . . . . .	055	055	055	055	055	----
	* <b>Gasket Set</b> . . . . .	GS-1HD	GS-1HD	GS-1HD	GS-1HD	GS-1HD	GS-1HD
	* <b>Repair Parts Kit</b> . . . . .	RK-1HD	RK-1HD	RK-1HD	RK-1HD	RK-1HD	RK-1HD
	* <b>Diaphragm &amp; Gasket Set</b> . . . . .	DG-1HD	DG-1HD	DG-1HD	DG-1HD	DG-1HD	DG-1HD

(\*) Indicates contents of Repair Parts Kit



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

Carburetor Model      Superseding Model      Equipment

HD-19A . . . . .		.Badger Northland
HD-20A . . . . .	.HD-20B . . . . .	.Bombardier
HD-20B . . . . .		.Bombardier
HD-21A . . . . .		.Bombardier
HD-21B . . . . .		.Bombardier
HD-22A . . . . .	.HD-22B . . . . .	.Bombardier

Ref. No.	Part Name	HD-19A	HD-20A	HD-20B	HD-21A	HD-21B	HD-22A
7	Body Channel Plug Screw . . . . .	014988	----	----	----	----	----
8	Body Channel Plug Screw . . . . .	0244	----	----	----	----	----
9	* Body Channel Welch Plug (2) . . . . .	04326	04326	04326	04326	04326	04326
12	Choke Friction Ball . . . . .	04784	04784	04784	04784	04784	04784
13	Choke Friction Spring . . . . .	08805	08805	08805	08805	08805	08805
19	Choke Shaft & Lever . . . . .	015107	015365	015365	015185	015185	015185
22	Choke Shutter . . . . .	015010	015010	015010	015010	015010	015010
23	Choke Shutter Screw (2) . . . . .	015912	015912	015912	015912	015912	015912
27	* Choke Wire Retaining Screw . . . . .	055	055	055	----	----	----
28	Diaphragm Gasket . . . . .	014120	014120	014120	014120	014120	014120
29	* Diaphragm . . . . .	014248	014248	014248	014248	014248	014248
30	Diaphragm Cover . . . . .	015198	014642	014642	014642	014642	014642
34	Elbow Connector . . . . .	----	015455	015455	015455	015455	015455
35	Flange Gasket . . . . .	014834	015194	015194	015194	015194	015194
36	Fuel Pump Gasket . . . . .	014643	014643	014643	014643	014643	014643
37	* Fuel Pump Diaphragm . . . . .	014644	014644	014644	014644	014644	014644
38	Fuel Pump Body . . . . .	014645	014645	014645	014645	014645	014645
39	* Fuel Strainer Screen . . . . .	011516	011516	011516	011516	011516	011516
40	Fuel Strainer Cover Gasket . . . . .	010529	014804	014804	014804	014804	014804
41	Fuel Strainer Cover . . . . .	014937	----	----	----	----	----
42	* Fuel Strainer Cover Retaining Screw . . . . .	010571	----	----	----	----	----
43	Idle Mixture Screw . . . . .	014239	014239	015864	014239	015864	014239
44	* Idle Mixture Screw Spring . . . . .	011103	011103	011103	011103	011103	011103
45	Idle Mixture Screw Washer . . . . .	03114	03114	03114	03114	03114	03114
46	Idle Mixture Screw Packing . . . . .	010511	010511	010511	010511	010511	010511
47	* Idle Speed Screw . . . . .	05095	015361	015361	015361	015361	015361
81	Idle Speed Screw Cable Bracket . . . . .	014994	----	----	----	----	----
82	Idle Speed Screw Cable Bracket Lockwasher . . . . .	0992	----	----	----	----	----
83	Idle Speed Screw Cable Bracket Ret. Screw(2) . . . . .	015384	----	----	----	----	----
49	* Idle Speed Screw Spring . . . . .	0788	0788	0788	0788	0788	0788
50	Idle Speed Screw Bracket . . . . .	----	----	----	014349	----	----
53	Idle Speed Bracket Retaining Screw (2) . . . . .	----	----	----	014142	----	----
55	* Inlet Control Lever . . . . .	010513	010513	014020	010513	014020	010513
56	* Inlet Control Lever Fulcrum Pin . . . . .	013406	013406	013406	013406	013406	013406
57	* Inlet Control Lever Fulcrum Pin Screw . . . . .	013269	013269	013269	013269	013269	013269
58	Inlet Needle, Seat & Gasket . . . . .	014683	014632	015596	014632	015596	014632
59	* Inlet Screen . . . . .	015218	015218	015218	015218	015218	015218
60	* Inlet Screen Ret. Spring . . . . .	015219	015219	015219	015219	015219	015219
61	Inlet Seat Gasket . . . . .	013744	013744	013744	013744	013744	013744
62	* Inlet Tension Spring . . . . .	011503	011503	011503	011503	011503	011503
63	Inlet Valve Gasket . . . . .	014646	014646	014646	014646	014646	014646
64	* Inlet Valve Diaphragm . . . . .	014647	014647	014647	014647	014647	014647
65	Inlet Valve Body & Strainer . . . . .	014648	015188	015188	015188	015188	015188
66	Inlet Valve Body Screw & Lockwasher (6) . . . . .	014687	014687	014687	014687	014687	014687
67	High Speed Mixture Screw . . . . .	014247	014247	014247	014247	014247	014247
68	High Speed Mixture Screw Gland . . . . .	013853	013853	013853	013853	013853	013853
69	High Speed Mixture Screw Gland Gasket . . . . .	0676	0676	0676	0676	0676	0676
70	High Speed Mixture Screw Gland Packing . . . . .	010511	010511	010511	010511	010511	010511
71	* High Speed Mixture Screw Spring . . . . .	011103	011103	011103	011103	011103	011103
72	High Speed Mixture Screw Washer . . . . .	03114	03114	03114	03114	03114	03114
74	Main Fuel Jet (.089) . . . . .	014993	----	----	----	----	014993
74	Main Fuel Jet (.1015) . . . . .	----	015190	015190	015190	015190	----
74A	Main Fuel Jet Gasket . . . . .	013683	013683	013683	013683	013683	013683
76	Nozzle Check Valve . . . . .	014578	014578	014578	014578	014578	014578
81	Throttle Cable Bracket . . . . .	----	015336	015336	----	015336	015336
82	Throttle Cable Bracket Lockwasher (2) . . . . .	----	0992	0992	----	0992	0992
83	Throttle Cable Bracket Ret. Screw (2) . . . . .	----	015384	015384	----	015384	015384
84	Throttle Cable Clamp . . . . .	----	014995	014995	----	014995	014995
85	Throttle Cable Clamp Ret. Screw . . . . .	----	014998	014998	----	014998	014998
86	Throttle Cable Clamp Ret. Nut . . . . .	----	014997	014997	----	014997	014997
87	Throttle Shaft & Lever . . . . .	015223	015223	015223	015223	015223	015223
88	Throttle Shaft Clip . . . . .	014118	014118	014118	014118	014118	014118
89	Throttle Shaft Clip Lockwasher . . . . .	0992	0992	0992	0992	0992	0992
90	Throttle Shaft Clip Retaining Screw . . . . .	01974	01974	01974	01974	01974	01974
91	* Throttle Shaft Return Spring . . . . .	014348	014348	014348	014348	014348	014348
96	Throttle Shutter . . . . .	013745	013745	013745	013745	013745	013745
97	* Throttle Shutter Screw (2) . . . . .	015912	015912	015912	015912	015912	015912
103	* Throttle Wire Retaining Screw . . . . .	055	055	055	055	055	055
	* Gasket Set . . . . .	GS-1HD	GS-1HD	GS-1HD	GS-1HD	GS-1HD	GS-1HD
	Repair Parts Kit . . . . .	RK-1HD	RK-1HD	RK-1HD	RK-1HD	RK-1HD	RK-1HD
	Diaphragm & Gasket Set . . . . .	DG-1HD	DG-1HD	DG-1HD	DG-1HD	DG-1HD	DG-1HD

(\* ) Indicates contents of Repair Parts Kit



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

Carburetor Model      Superseding Model      Equipment

HD-22B	.....	.Bombardier
HD-23A	.....	.Arctic
HD-24A	.....	.Canahover
HD-25A	.....HD-25B	.Lionel, Moto-Ski
HD-25B	.....	.Moto-Ski
HD-26A	.....	.Lionel

Ref. No.	Part Name	HD-22B	HD-23A	HD-24A	HD-25A	HD-25B	HD-26A
7	Body Channel Plug Screw	----	014988	01102	----	----	014988
8	Body Channel Plug Screw	----	0244	0244	0244	0244	0244
9	* Body Channel Welch Plug (2)	04326	04326	04326	04326	04326	04326
12	Choke Friction Ball	04784	04784	----	04784	04784	04784
13	Choke Friction Spring	08805	08805	----	08805	08805	08805
14	Choke Lever	----	015051	----	----	----	----
15	Choke Lever Retaining Screw	----	0240	----	----	----	----
18	Choke Shaft	----	015052	----	----	----	----
20	Choke Shaft Return Spring	----	----	013947	----	----	----
19	Choke Shaft & Lever	015185	----	015432	014991	014991	014991
22	Choke Shutter	015010	015010	015010	015010	015010	015010
23	Choke Shutter Screw (2)	015912	08942	015912	015912	015912	015912
27	* Choke Wire Retaining Screw	----	055	055	055	055	055
28	Diaphragm Gasket	014120	014120	014120	014120	014120	014120
29	* Diaphragm	014248	014248	014248	014248	014248	014248
30	Diaphragm Cover	014642	014705	014705	015378	015378	014705
34	Elbow Connector	015455	----	----	----	----	----
35	Flange Gasket	015194	014834	014834	014834	014834	014834
36	Fuel Pump Gasket	014643	014643	014643	014643	014643	014643
37	* Fuel Pump Diaphragm	014644	014644	014644	014644	014644	014644
38	Fuel Pump Body	014645	014645	014645	014645	014645	014645
39	* Fuel Strainer Screen	011516	011516	011516	011516	011516	011516
40	Fuel Strainer Cover Gasket	014804	010529	010529	010529	010529	010529
41	Fuel Strainer Cover	----	014937	014937	----	----	014937
42	* Fuel Strainer Cover Retaining Screw	----	010571	010571	----	----	010571
43	Idle Mixture Screw	015864	014239	014239	014239	014239	014239
44	* Idle Mixture Screw Spring	011103	011103	011103	011103	011103	011103
45	Idle Mixture Screw Washer	03114	03114	03114	03114	03114	03114
46	Idle Mixture Screw Packing	010511	010511	010511	010511	010511	010511
47	* Idle Speed Screw	015361	05095	012177	015361	015361	05095
48	Idle Speed Screw Cup	----	----	014478	----	----	----
49	* Idle Speed Screw Spring	0788	0788	0788	0788	0788	0788
50	Idle Speed Screw Bracket	----	014349	----	014349	014349	014349
53	Idle Speed Bracket Retaining Screw (2)	----	014142	----	014142	014142	014142
55	* Inlet Control Lever	014020	010513	010513	010513	010513	010513
56	* Inlet Control Lever Fulcrum Pin	013406	013406	013406	013406	013406	013406
57	* Inlet Control Lever Fulcrum Pin Screw	013269	013269	013269	013269	013269	013269
58	Inlet Needle, Seat & Gasket	015596	014683	014683	014683	014683	014683
59	Inlet Screen	015218	015218	015218	015218	015218	015218
60	Inlet Screen Ret. Spring	015219	015219	015219	015219	015219	015219
61	Inlet Seat Gasket	013744	013744	013744	013744	013744	013744
62	* Inlet Tension Spring	011503	011503	011503	011503	011503	011503
63	Inlet Valve Gasket	014646	014646	014646	014646	014646	014646
64	* Inlet Valve Diaphragm	014647	014647	014647	014647	014647	014647
65	Inlet Valve Body & Strainer	015188	014648	----	015188	015188	014648
66	Inlet Valve Body Screw & Lockwasher (6)	014687	014687	014687	014687	014687	014687
67	High Speed Mixture Screw	014247	014247	----	014247	014247	014247
68	High Speed Mixture Screw Gland	013853	013853	----	013853	013853	013853
69	High Speed Mixture Screw Gland Gasket	0676	0676	----	0676	0676	0676
70	High Speed Mixture Screw Gland Packing	010511	010511	----	010511	010511	010511
71	* High Speed Mixture Screw Spring	011103	011103	----	011103	011103	011103
72	High Speed Mixture Screw Washer	03114	03114	----	03114	03114	03114
74	Main Fuel Jet (.058)	----	----	015430	----	----	----
74	Main Fuel Jet (.089)	014993	014993	----	014993	014993	014993
74A	Main Fuel Jet Gasket	013683	013683	013683	013683	013683	013683
76	Nozzle Check Valve	014578	014578	014578	014578	014578	014578
81	Throttle Cable Bracket	015336	----	----	----	----	----
82	Throttle Cable Bracket Lockwasher (2)	0992	----	----	----	----	----
83	Throttle Cable Bracket Ret. Screw (2)	015384	----	----	----	----	----
84	Throttle Cable Clamp	014995	----	----	----	----	----
85	Throttle Cable Clamp Ret. Screw	014998	----	----	----	----	----
86	Throttle Cable Clamp Ret. Nut	014997	----	----	----	----	----
87	Throttle Shaft & Lever	015223	014992	014243	015375	015025	015420
88	Throttle Shaft Clip	014118	014118	014118	014118	014118	014118
89	Throttle Shaft Clip Lockwasher	0992	0992	0992	0992	0992	0992
90	Throttle Shaft Clip Retaining Screw	01974	01974	01974	01974	01974	01974
91	* Throttle Shaft Return Spring	014348	014348	014115	014348	014348	014348
96	Throttle Shutter	013745	013745	013745	013745	013745	013745
97	* Throttle Shutter Screw (2)	015912	015912	015912	015912	015912	015912
98	Throttle Lever Stop Pin	----	----	014244	----	----	----
99	Throttle Lever Stop Pin Lockwasher	----	----	012958	----	----	----
103	* Throttle Wire Retaining Screw	055	055	058	055	055	055
	* Gasket Set	GS-1HD	GS-1HD	GS-1HD	GS-1HD	GS-1HD	GS-1HD
	Repair Parts Kit	RK-1HD	RK-1HD	RK-1HD	RK-1HD	RK-1HD	RK-1HD
	Diaphragm & Gasket Set	DG-1HD	DG-1HD	DG-1HD	DG-1HD	DG-1HD	DG-1HD

(\* ) Indicates contents of Repair Parts Kit



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

Carburetor Model      Superseding Model      Equipment

HD-27A . . . . .	.Arctic, Boa-Ski, Bonanza
HD-28A . . . . .	.Skiroule
HD-29A . . . . .	.Featherweight
HD-30A . . . . .	.AMF
HD-32A . . . . .	.Fox
HD-36A . . . . .	.Herter's, Rupp

Ref. No.	Part Name	HD-27A	HD-28A	HD-29A	HD-30A	HD-32A	HD-36A
7	Body Channel Plug Screw . . . . .	014988	014988	014988	014988	014988	014988
8	Body Channel Plug Screw . . . . .	0244	----	0244	0244	0244	----
9	* Body Channel Welch Plug (2) . . . . .	04326	04326	04326	04326	04326	04326
12	Choke Friction Ball . . . . .	04784	04784	04784	04784	04784	04784
13	Choke Friction Spring . . . . .	08805	08805	08805	08805	08805	08805
14	Choke Lever . . . . .	015051	----	015051	----	----	----
15	Choke Lever Retaining Screw . . . . .	0240	----	0240	----	----	----
18	Choke Shaft . . . . .	015394	----	015052	----	----	----
19	Choke Shaft & Lever . . . . .	----	014991	----	014991	014991	014991
22	Choke Shutter . . . . .	015010	015010	015010	015010	015010	015010
23	Choke Shutter Screw (2) . . . . .	08942	015912	08942	015912	015912	015912
27	* Choke Wire Retaining Screw . . . . .	055	055	055	055	055	055
28	Diaphragm Gasket . . . . .	014120	014120	014120	014120	014120	014120
29	* Diaphragm . . . . .	014248	014248	014248	014248	014248	014248
30	Diaphragm Cover . . . . .	014705	014705	014705	014705	014705	014705
34	Elbow Connector . . . . .	----	015455	----	015455	----	015187
35	Flange Gasket . . . . .	014834	014834	014834	014834	014834	014834
36	Fuel Pump Gasket . . . . .	014643	014643	014643	014643	014643	014643
37	* Fuel Pump Diaphragm . . . . .	014644	014644	014644	014644	014644	014644
38	Fuel Pump Body . . . . .	014645	014645	014645	014645	014645	014645
39	* Fuel Strainer Screen . . . . .	011516	011516	011516	011516	011516	011516
40	Fuel Strainer Cover Gasket . . . . .	010529	010529	010529	010529	010529	010529
41	Fuel Strainer Cover . . . . .	014937	014937	014937	014937	014937	014937
42	* Fuel Strainer Cover Retaining Screw . . . . .	010571	010571	010571	010571	010571	010571
43	Idle Mixture Screw . . . . .	014239	014239	014239	014239	014239	014239
44	* Idle Mixture Screw Spring . . . . .	011103	011103	011103	011103	011103	011103
45	Idle Mixture Screw Washer . . . . .	03114	03114	03114	03114	03114	03114
46	Idle Mixture Screw Packing . . . . .	010511	010511	010511	010511	010511	010511
47	* Idle Speed Screw . . . . .	05095	05095	05095	05095	05095	05095
48	Idle Speed Screw Cup . . . . .	014478	----	----	----	----	----
49	* Idle Speed Screw Spring . . . . .	0788	0788	0788	0788	0788	0788
50	Idle Speed Screw Bracket . . . . .	014349	014349	014349	014349	----	----
53	Idle Speed Bracket Retaining Screw (2) . . . . .	014142	014142	014142	014142	----	----
55	* Inlet Control Lever . . . . .	010513	010513	010513	010513	010513	010513
56	* Inlet Control Lever Fulcrum Pin . . . . .	013406	013406	013406	013406	013406	013406
57	* Inlet Control Lever Fulcrum Pin Screw . . . . .	013269	013269	013269	013269	013269	013269
58	Inlet Needle, Seat & Gasket . . . . .	014632	014632	014683	014632	014683	014632
59	Inlet Screen . . . . .	015218	015218	015218	015218	015218	015218
60	Inlet Screen Ret. Spring . . . . .	015219	015219	015219	015219	015219	015219
61	Inlet Seat Gasket . . . . .	013744	013744	013744	013744	013744	013744
62	* Inlet Tension Spring . . . . .	011503	011503	011503	011503	011503	011503
63	Inlet Valve Gasket . . . . .	014646	014646	014646	014646	014646	014646
64	* Inlet Valve Diaphragm . . . . .	014647	014647	014647	014647	014647	014647
65	Inlet Valve Body & Strainer . . . . .	014648	014648	014648	014648	014648	014648
66	Inlet Valve Body Screw & Lockwasher (6) . . . . .	014687	014687	014687	014687	014687	014687
67	High Speed Mixture Screw . . . . .	014247	014247	014247	014247	014247	014247
68	High Speed Mixture Screw Gland . . . . .	013853	013853	013853	013853	013853	013853
69	High Speed Mixture Screw Gland Gasket . . . . .	0676	0676	0676	0676	0676	0676
70	High Speed Mixture Screw Gland Packing . . . . .	010511	010511	010511	010511	010511	010511
71	* High Speed Mixture Screw Spring . . . . .	011103	011103	011103	011103	011103	011103
72	High Speed Mixture Screw Washer . . . . .	03114	03114	03114	03114	03114	03114
74	Main Fuel Jet (.089) . . . . .	014993	014993	014993	----	014993	----
74	Main Fuel Jet (.120) . . . . .	----	----	----	015009	----	015009
74A	Main Fuel Jet Gasket . . . . .	013683	013683	013683	013683	013683	013683
76	Nozzle Check Valve . . . . .	014578	014578	014578	013789	014578	014578
81	Throttle Cable Bracket . . . . .	----	----	----	----	014999	014999
82	Throttle Cable Bracket Lockwasher (2) . . . . .	----	----	----	----	0992	0992
83	Throttle Cable Bracket Ret. Screw (2) . . . . .	----	----	----	----	015384	015384
84	Throttle Cable Clamp . . . . .	----	----	----	----	014995	014995
85	Throttle Cable Clamp Ret. Screw . . . . .	----	----	----	----	014998	014998
86	Throttle Cable Clamp Ret. Nut . . . . .	----	----	----	----	014997	014997
87	Throttle Shaft & Lever . . . . .	015393	015025	015025	015025	014992	014992
88	Throttle Shaft Clip . . . . .	014118	014118	014118	014118	014118	014118
89	Throttle Shaft Clip Lockwasher . . . . .	0992	0992	0992	0992	0992	0992
90	Throttle Shaft Clip Retaining Screw . . . . .	01974	01974	01974	01974	01974	01974
91	* Throttle Shaft Return Spring . . . . .	014348	014348	014348	014348	014348	014348
96	Throttle Shutter . . . . .	013745	013745	013745	013745	013745	013745
97	* Throttle Shutter Screw (2) . . . . .	015912	015912	015912	015912	015912	015912
103	* Throttle Wire Retaining Screw . . . . .	055	055	055	055	055	055
	* Gasket Set	GS-LHD	GS-LHD	GS-LHD	GS-LHD	GS-LHD	GS-LHD
	* Repair Parts Kit	RK-LHD	RK-LHD	RK-LHD	RK-LHD	RK-LHD	RK-LHD
	* Diaphragm & Gasket Set	DG-LHD	DG-LHD	DG-LHD	DG-LHD	DG-LHD	DG-LHD

(\*) Indicates contents of Repair Parts Kit





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

Carburetor Model      Superseding Model      Equipment

HD-37A . . . . .	.HD-37B . . . . .	.Outboard Marine
HD-37B . . . . .	. . . . .	.Outboard Marine
HD-38A . . . . .	. . . . .	.Bonanza, General Trends, Rupp
HD-39A . . . . .	. . . . .	.AMF
HD-40A . . . . .	.HD-40B . . . . .	.Polaris
HD-40B . . . . .	. . . . .	.Polaris

Ref. No.	Part Name	HD-37A	HD-37B	HD-38A	HD-39A	HD-40A	HD-40B
7	Body Channel Plug Screw . . . . .	----	----	014988	014988	014988	014988
8	Body Channel Plug Screw . . . . .	----	----	0244	----	0244	0244
9	* Body Channel Welch Plug (2) . . . . .	04326	04326	04326	04326	04326	04326
12	Choke Friction Ball . . . . .	04784	04784	04784	04784	04784	04784
13	Choke Friction Spring . . . . .	08805	08805	08805	08805	08805	08805
16	Choke Relief Valve . . . . .	013742	013742	----	----	----	----
17	Choke Relief Valve Spring . . . . .	013775	013775	----	----	----	----
19	Choke Shaft & Lever . . . . .	015489	015489	014991	015508	015584	015584
22	Choke Shutter . . . . .	013741	013741	015010	015010	015010	015010
23	Choke Shutter Screw (2) . . . . .	08942	08942	015912	08942	015912	015912
27	* Choke Wire Retaining Screw . . . . .	----	----	055	055	055	055
28	Diaphragm Gasket . . . . .	014120	014120	014120	014120	014120	014120
29	* Diaphragm . . . . .	014248	014248	014248	014248	014248	014248
30	Diaphragm Cover . . . . .	014117	014117	014705	014705	014705	014705
31	Diaphragm Cover Retaining Screw (6) . . . . .	014142	014142	----	----	----	----
34	Elbow Connector . . . . .	----	----	----	015455	----	----
35	Flange Gasket . . . . .	08304	08304	014834	014834	014834	014834
36	Fuel Pump Gasket . . . . .	----	----	014643	014643	014643	014643
37	* Fuel Pump Diaphragm . . . . .	----	----	014644	014644	014644	014644
38	Fuel Pump Body . . . . .	----	----	014645	014645	014645	014645
39	* Fuel Strainer Screen . . . . .	----	----	----	011516	011516	011516
40	Fuel Strainer Cover Gasket . . . . .	----	----	----	010529	010529	010529
41	Fuel Strainer Cover . . . . .	----	----	----	014937	014937	014937
42	* Fuel Strainer Cover Retaining Screw . . . . .	----	----	----	010571	010571	010571
43	Idle Mixture Screw . . . . .	013772	013772	014239	014239	014239	014239
44	* Idle Mixture Screw Spring . . . . .	011103	011103	011103	011103	011103	011103
45	Idle Mixture Screw Washer . . . . .	03114	03114	03114	03114	03114	03114
46	Idle Mixture Screw Packing . . . . .	010511	010511	010511	010511	010511	010511
47	* Idle Speed Screw . . . . .	015361	015361	05095	05095	05095	05095
49	* Idle Speed Screw Spring . . . . .	0788	0788	0788	0788	0788	0788
50	Idle Speed Screw Bracket . . . . .	015152	015152	----	014349	----	----
51	Idle Speed Screw Bracket Lockwasher (2) . . . . .	0992	0992	----	----	----	----
53	Idle Speed Bracket Retaining Screw (2) . . . . .	----	----	----	014142	----	----
52	Idle Speed Bracket Retaining Screw (2) . . . . .	015153	015153	----	----	----	----
55	* Inlet Control Lever . . . . .	010513	010513	010513	010513	010513	014020
56	* Inlet Control Lever Fulcrum Pin . . . . .	013406	013406	013406	013406	013406	013406
57	* Inlet Control Lever Fulcrum Pin Screw . . . . .	013269	013269	013269	013269	013269	013269
58	Inlet Needle, Seat & Gasket . . . . .	013774	013774	014683	014632	014632	015596
59	Inlet Screen . . . . .	----	----	015218	015218	015218	015218
59A	Inlet Screen (2) . . . . .	010301	010301	----	----	----	----
60	Inlet Screen Ret. Spring . . . . .	----	----	015219	015219	015219	015219
61	Inlet Seat Gasket . . . . .	013744	013744	013744	013744	013744	013744
62	* Inlet Tension Spring . . . . .	013434	013434	011503	011503	011503	011503
63	Inlet Valve Gasket . . . . .	----	----	014646	014646	014646	014646
64	* Inlet Valve Diaphragm . . . . .	----	----	014647	014647	014647	014647
65	Inlet Valve Body & Strainer . . . . .	----	----	015188	014648	014648	014648
66	Inlet Valve Body Screw & Lockwasher (6) . . . . .	----	----	014687	014687	014687	014687
67	High Speed Mixture Screw . . . . .	014247	014247	014247	014247	014247	014247
68	High Speed Mixture Screw Gland . . . . .	013853	013853	013853	013853	013853	013853
69	High Speed Mixture Screw Gland Gasket . . . . .	0676	0676	0676	0676	0676	0676
70	High Speed Mixture Screw Gland Packing . . . . .	010511	010511	010511	010511	010511	010511
71	* High Speed Mixture Screw Spring . . . . .	011103	011103	011103	011103	011103	011103
72	High Speed Mixture Screw Washer . . . . .	03114	03114	03114	03114	03114	03114
74	Main Fuel Jet (.089) . . . . .	----	----	014993	----	----	----
74	Main Fuel Jet (.096) . . . . .	014920	014920	----	----	----	----
74	Main Fuel Jet (.120) . . . . .	----	----	----	015009	015009	015009
74A	Main Fuel Jet Gasket . . . . .	013683	013683	013683	013683	013683	013683
76	Nozzle Check Valve . . . . .	014578	014578	014578	013789	013789	013789
81	Throttle Cable Bracket . . . . .	----	----	014999	----	014999	015956
82	Throttle Cable Bracket Lockwasher (2) . . . . .	----	----	0992	----	0992	0992
83	Throttle Cable Bracket Ret. Screw (2) . . . . .	----	----	015384	----	015384	015384
84	Throttle Cable Clamp . . . . .	----	----	014995	----	014995	014995
85	Throttle Cable Clamp Ret. Screw . . . . .	----	----	014998	----	014998	014998
86	Throttle Cable Clamp Ret. Nut . . . . .	----	----	014997	----	014997	014997
87	Throttle Shaft & Lever . . . . .	014916	014916	014992	015025	014992	015959
88	Throttle Shaft Clip . . . . .	014118	014118	014118	014118	014118	014118
89	Throttle Shaft Clip Lockwasher . . . . .	0992	0992	0992	0992	0992	0992
90	Throttle Shaft Clip Retaining Screw . . . . .	01974	01974	01974	01974	01974	01974
91	* Throttle Shaft Return Spring . . . . .	015383	015383	014348	014348	014348	014348
93	Throttle Shaft Seal (Large) . . . . .	----	----	----	----	----	015955
92A	Throttle Shaft Seal (Small) . . . . .	----	----	----	----	----	015954
95	Throttle Shaft Sleeve . . . . .	015180	015180	----	----	----	----
96	Throttle Shutter . . . . .	013745	013745	013745	013745	013745	013745
97	* Throttle Shutter Screw (2) . . . . .	08942	08942	015912	015912	015912	08942
103	* Throttle Wire Retaining Screw . . . . .	----	----	055	055	055	055
	* Gasket Set . . . . .	GS-1HD	GS-1HD	GS-1HD	GS-1HD	GS-1HD	GS-1HD
	* Repair Parts Kit . . . . .	RK-2HD	RK-2HD	RK-2HD	RK-1HD	RK-1HD	RK-1HD
	* Diaphragm & Gasket Set . . . . .	----	----	DG-1HD	DG-1HD	DG-1HD	DG-1HD

(\* ) Indicates contents of Repair Parts Kit





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

Carburetor Model      Superseding Model      Equipment

HD-41A . . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
HD-42A . . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
HD-43A (See Page 4) . . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
HD-44A . . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
HD-45A . . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
HD-47A . . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
HD-48A . . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .

Ref. No.	Part Name	HD-41A	HD-42A	HD-44A	HD-45A	HD-47A	HD-48A
7	Body Channel Plug Screw . . . . .	014988	----	014988	014988	014988	014988
8	Body Channel Plug Screw . . . . .	0244	----	----	----	0244	0244
9	* Body Channel Welch Plug (2) . . . . .	04326	04326	04326	04326	04326	04326
12	Choke Friction Ball . . . . .	04784	04784	04784	04784	04784	04784
13	Choke Friction Spring . . . . .	08805	08805	08805	08805	08805	08805
14	Choke Lever . . . . .	----	----	----	----	015051	015051
15	Choke Lever Retaining Screw . . . . .	----	----	----	----	0240	0240
16	Choke Relief Valve . . . . .	----	015630	----	----	----	----
17	Choke Relief Valve Spring . . . . .	----	013775	----	----	----	----
18	Choke Shaft . . . . .	----	----	----	----	015052	015052
19	Choke Shaft & Lever . . . . .	014991	014924	015676	015676	----	----
22	Choke Shutter . . . . .	015010	013741	015010	015010	015010	015010
23	Choke Shutter Screw (2) . . . . .	015912	08942	08942	08942	08942	08942
27	* Choke Wire Retaining Screw . . . . .	055	058	----	----	055	055
28	Diaphragm Gasket . . . . .	014120	014120	014120	014120	014120	014120
29	* Diaphragm . . . . .	014248	014248	014248	014248	014248	014248
30	Diaphragm Cover . . . . .	014642	014117	014705	014705	014705	014705
31	Diaphragm Cover Retaining Screw (6) . . . . .	----	014142	----	----	----	----
34	Elbow Connector . . . . .	----	----	015455	015455	----	----
35	Flange Gasket . . . . .	014834	08304	014834	014834	014834	014834
36	Fuel Pump Gasket . . . . .	014643	----	014643	014643	014643	014643
37	* Fuel Pump Diaphragm . . . . .	014644	----	014644	014644	014644	014644
38	Fuel Pump Body . . . . .	014645	----	014645	014645	014645	014645
39	* Fuel Strainer Screen . . . . .	011516	----	011516	011516	011516	011516
40	Fuel Strainer Cover Gasket . . . . .	010529	----	010529	010529	010529	010529
41	Fuel Strainer Cover . . . . .	014937	----	014937	014937	014937	014937
42	* Fuel Strainer Cover Retaining Screw . . . . .	010571	----	010571	010571	010571	010571
43	Idle Mixture Screw . . . . .	014239	013772	014239	014239	014239	014239
44	* Idle Mixture Screw Spring . . . . .	011103	011103	011103	011103	011103	011103
45	Idle Mixture Screw Washer . . . . .	03114	03114	03114	03114	03114	03114
46	Idle Mixture Screw Packing . . . . .	010511	010511	010511	010511	010511	010511
47	* Idle Speed Screw . . . . .	05095	011045	05095	05095	05095	05095
49	* Idle Speed Screw Spring . . . . .	0788	0788	0788	0788	0788	0788
50	Idle Speed Screw Bracket . . . . .	014349	015152	----	014349	014349	----
51	Idle Speed Screw Bracket Lockwasher (2) . . . . .	----	0992	----	----	----	----
52	Idle Speed Bracket Retaining Screw (2) . . . . .	----	015153	----	----	----	----
53	Idle Speed Bracket Retaining Screw (2) . . . . .	014142	----	----	014142	014142	----
55	* Inlet Control Lever . . . . .	010513	010513	010513	010513	010513	010513
56	* Inlet Control Lever Fulcrum Pin . . . . .	013406	013406	013406	013406	013406	013406
57	* Inlet Control Lever Fulcrum Pin Screw . . . . .	013269	013269	013269	013269	013269	013269
58	Inlet Needle, Seat & Gasket . . . . .	014683	013774	014632	014632	014632	014632
59	Inlet Screen . . . . .	015218	----	015218	015218	015218	015218
59A	Inlet Screen (2) . . . . .	----	010301	----	----	----	----
60	Inlet Screen Ret. Spring . . . . .	015219	----	015219	015219	015219	015219
61	Inlet Seat Gasket . . . . .	013744	013744	013744	013744	013744	013744
62	* Inlet Tension Spring . . . . .	011503	013434	011503	011503	011503	011503
63	Inlet Valve Gasket . . . . .	014646	----	014646	014646	014646	014646
64	* Inlet Valve Diaphragm . . . . .	014647	----	014647	014647	014647	014647
65	Inlet Valve Body & Strainer . . . . .	014648	----	014648	014648	014648	014648
66	Inlet Valve Body Screw & Lockwasher (6) . . . . .	014687	----	014687	014687	014687	014687
67	High Speed Mixture Screw . . . . .	014247	014247	014247	014247	014247	014247
68	High Speed Mixture Screw Gland . . . . .	013853	013853	013853	013853	013853	013853
69	High Speed Mixture Screw Gland Gasket . . . . .	0676	0676	0676	0676	0676	0676
70	High Speed Mixture Screw Gland Packing . . . . .	010511	010511	010511	010511	010511	010511
71	* High Speed Mixture Screw Spring . . . . .	011103	011103	011103	011103	011103	011103
72	High Speed Mixture Screw Washer . . . . .	03114	03114	03114	03114	03114	03114
74	Main Fuel Jet (.089) . . . . .	014993	----	014993	014993	----	----
74	Main Fuel Jet (.096) . . . . .	----	014920	----	----	----	----
74	Main Fuel Jet (.120) . . . . .	----	----	----	----	015009	015009
74A	Main Fuel Jet Gasket . . . . .	013683	013683	013683	013683	013683	013683
76	Nozzle Check Valve . . . . .	014578	014578	014578	014578	014578	014578
81	Throttle Cable Bracket . . . . .	----	----	015336	----	----	014999
82	Throttle Cable Bracket Lockwasher (2) . . . . .	----	----	0992	----	----	0992
83	Throttle Cable Bracket Ret. Screw (2) . . . . .	----	----	015384	----	----	015384
84	Throttle Cable Clamp . . . . .	----	----	014995	----	----	014995
85	Throttle Cable Clamp Ret. Screw . . . . .	----	----	014998	----	----	014998
86	Throttle Cable Clamp Ret. Nut . . . . .	----	----	014997	----	----	014997
87	Throttle Shaft & Lever . . . . .	014992	014916	015025	015025	015025	014992
88	Throttle Shaft Clip . . . . .	014118	014118	014118	014118	014118	014118
89	Throttle Shaft Clip Lockwasher . . . . .	0992	0992	0992	0992	0992	0992
90	Throttle Shaft Clip Retaining Screw . . . . .	01974	01974	01974	01974	01974	01974
91	* Throttle Shaft Return Spring . . . . .	014348	015591	014348	014348	014348	014348
95	Throttle Shaft Sleeve . . . . .	----	015180	----	----	----	----
96	Throttle Shutter . . . . .	013745	013745	013745	013745	013745	013745
97	* Throttle Shutter Screw (2) . . . . .	015912	08942	015912	015912	015912	015912
103	* Throttle Wire Retaining Screw . . . . .	055	----	055	055	055	055
	* Gasket Set	GS-1HD	GS-1HD	GS-1HD	GS-1HD	GS-1HD	GS-1HD
	Repair Parts Kit	RK-1HD	RK-1HD	RK-1HD	RK-1HD	RK-1HD	RK-1HD
	Diaphragm & Gasket Set	DG-1HD	----	DG-1HD	DG-1HD	DG-1HD	DG-1HD

(\* ) Indicates contents of Repair Parts Kit



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

**Carburetor Model      Superseding Model      Equipment**

HD-49A	.....	Massey-Ferguson
HD-51A	.....	Bonanza Industries
HD-52A	.....HD-52B	Moto-Ski
HD-52B	.....	Moto-Ski
HD-53A	.....HD-53B	Moto-Ski
HD-53B	.....	Moto-Ski

Ref. No.	Part Name	HD-49A	HD-51A	HD-52A	HD-52B	HD-53A	HD-53B
7	Body Channel Plug Screw	014988	014988	----	----	----	----
8	Body Channel Plug Screw	----	0244	----	----	----	----
9	* Body Channel Welch Plug (2)	04326	04326	04326	04326	04326	04326
12	Choke Friction Ball	04784	04784	04784	04784	04784	04784
13	Choke Friction Spring	08805	08805	08805	08805	08805	08805
19	Choke Shaft & Lever	015807	014991	014991	014991	014991	014991
22	Choke Shutter	014232	014232	015010	015010	015010	015010
23	Choke Shutter Screw (2)	08942	015912	015912	015912	015912	015912
27	* Choke Wire Retaining Screw	055	055	055	055	055	055
28	Diaphragm Gasket	014120	014120	014120	014120	014120	014120
29	* Diaphragm	014248	014248	014248	014248	014248	014248
30	Diaphragm Cover	014705	015791	015378	015378	015378	015378
34	Elbow Connector	015455	----	015455	015455	015455	015455
35	Flange Gasket	014834	014834	014834	014834	014834	014834
36	Fuel Pump Gasket	014643	014643	014643	014643	014643	014643
37	* Fuel Pump Diaphragm	014644	014644	014644	014644	014644	014644
38	Fuel Pump Body	014645	014645	014645	014645	014645	014645
39	* Fuel Strainer Screen	011516	011516	011516	011516	011516	011516
40	Fuel Strainer Cover Gasket	010529	010529	010529	010529	010529	010529
41	Fuel Strainer Cover	014937	014937	----	----	----	----
42	* Fuel Strainer Cover Retaining Screw	010571	010571	----	----	----	----
43	Idle Mixture Screw	014239	014239	014239	014239	014239	014239
44	* Idle Mixture Screw Spring	011103	011103	011103	011103	011103	011103
45	Idle Mixture Screw Washer	03114	03114	03114	03114	03114	03114
46	Idle Mixture Screw Packing	010511	010511	010511	010511	010511	010511
47	* Idle Speed Screw	05095	05095	015361	015361	015361	015361
49	* Idle Speed Screw Spring	0788	0788	0788	0788	0788	0788
50	Idle Speed Screw Bracket	014349	----	014349	014349	014349	014349
53	Idle Speed Bracket Retaining Screw (2)	014142	----	014142	014142	014142	014142
55	* Inlet Control Lever	014020	014020	014020	014020	014020	014020
56	* Inlet Control Lever Fulcrum Pin	013406	013406	013406	013406	013406	013406
57	* Inlet Control Lever Fulcrum Pin Screw	013269	013269	013269	013269	013269	013269
58	Inlet Needle, Seat & Gasket	015596	015596	015596	015596	015596	015596
59	Inlet Screen	015218	015218	015218	015218	015218	015218
60	Inlet Screen Ret. Spring	015219	015219	015219	015219	015219	015219
61	Inlet Seat Gasket	013744	013744	013744	013744	013744	013744
62	* Inlet Tension Spring	011503	011503	011503	011503	011503	011503
63	Inlet Valve Gasket	014646	014646	014646	014646	014646	014646
64	* Inlet Valve Diaphragm	014647	014647	014647	014647	014647	014647
65	Inlet Valve Body & Strainer	014648	014648	015188	015188	015188	015188
66	Inlet Valve Body Screw & Lockwasher (6)	014687	014687	014687	014687	014687	014687
67	High Speed Mixture Screw	014247	014247	014247	014247	014247	014247
68	High Speed Mixture Screw Gland	013853	013853	013853	013853	013853	013853
69	High Speed Mixture Screw Gland Gasket	0676	0676	0676	0676	0676	0676
70	High Speed Mixture Screw Gland Packing	010511	010511	010511	010511	010511	010511
71	* High Speed Mixture Screw Spring	011103	011103	011103	011103	011103	011103
72	High Speed Mixture Screw Washer	03114	03114	03114	03114	03114	03114
74	Main Fuel Jet (.089)	014993	014993	----	----	014993	014993
74	Main Fuel Jet (.120)	----	----	015009	015009	----	----
74A	Main Fuel Jet Gasket	013683	013683	013683	013683	013683	013683
76	Nozzle Check Valve	013789	014578	013789	013789	014578	014578
81	Throttle Cable Bracket	----	014999	----	----	----	----
82	Throttle Cable Bracket Lockwasher (2)	----	0992	----	----	----	----
83	Throttle Cable Bracket Ret. Screw (2)	----	015384	----	----	----	----
84	Throttle Cable Clamp	----	014995	----	----	----	----
85	Throttle Cable Clamp Ret. Screw	----	014998	----	----	----	----
86	Throttle Cable Clamp Ret. Nut	----	014997	----	----	----	----
87	Throttle Shaft & Lever	015810	015882	015375	015025	015375	015025
88	Throttle Shaft Clip	014118	014118	014118	014118	014118	014118
89	Throttle Shaft Clip Lockwasher	0992	0992	0992	0992	0992	0992
90	Throttle Shaft Clip Retaining Screw	01974	01974	01974	01974	01974	01974
91	* Throttle Shaft Return Spring	014348	014348	014348	014348	014348	014348
96	Throttle Shutter	013745	013745	013745	013745	013745	013745
97	* Throttle Shutter Screw (2)	015912	015912	015912	015912	015912	015912
103	* Throttle Wire Retaining Screw	055	055	055	055	055	055
	* <b>Gasket Set</b>	GS-LHD	GS-LHD	GS-LHD	GS-LHD	GS-LHD	GS-LHD
	* <b>Repair Parts Kit</b>	RK-LHD	RK-LHD	RK-LHD	RK-LHD	RK-LHD	RK-LHD
	* <b>Diaphragm &amp; Gasket Set</b>	DG-LHD	DG-LHD	DG-LHD	DG-LHD	DG-LHD	DG-LHD

(\*) Indicates contents of Repair Parts Kit



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

Carburetor Model      Superseding Model      Equipment

HD-54B	.....	.Moto Ski
HD-56A	.....	.Scorpion
HD-57A	.....	.Scorpion
HD-59A	.....	.Ariens
HD-60A	.....	.Arctic
HD-62A	.....	.Arctic

Ref. No.	Part Name	HD-54B	HD-56A	HD-57A	HD-59A	HD-60A	HD-62A
7	Body Channel Plug Screw	----	014988	014988	014988	014988	014988
8	Body Channel Plug Screw	0244	0244	0244	----	0244	0244
9	* Body Channel Welch Plug (2)	04326	04326	04326	04326	04326	04326
12	Choke Friction Ball	04784	04784	04784	04784	04784	04784
13	Choke Friction Spring	08805	08805	08805	08805	08805	08805
14	Choke Lever	----	----	----	----	015051	015051
15	Choke Lever Retaining Screw	----	----	----	----	0240	0240
18	Choke Shaft	----	----	----	----	015794	015794
19	Choke Shaft & Lever	014991	014991	014991	014991	----	----
22	Choke Shutter	015010	015010	015010	014232	015010	015010
23	Choke Shutter Screw (2)	015912	015912	015912	015912	015912	015912
27	* Choke Wire Retaining Screw	055	055	055	055	055	055
28	Diaphragm Gasket	014120	014120	014120	014120	014120	014120
29	* Diaphragm	014248	014248	014248	014248	014248	014248
30	Diaphragm Cover	015378	014705	014705	014705	014705	014705
34	Elbow Connector	----	----	----	015455	----	----
35	Flange Gasket	014834	014834	014834	014834	014834	014834
36	Fuel Pump Gasket	014643	014643	014643	014643	014643	014643
37	* Fuel Pump Diaphragm	014644	014644	014644	014644	014644	014644
38	Fuel Pump Body	014645	014645	014645	014645	014645	014645
39	* Fuel Strainer Screen	011516	011516	011516	011516	011516	011516
40	Fuel Strainer Cover Gasket	010529	014804	014804	010529	010529	010529
41	Fuel Strainer Cover	----	----	----	014937	014937	014937
42	* Fuel Strainer Cover Retaining Screw	----	----	----	010571	010571	010571
43	Idle Mixture Screw	014239	014239	014239	014239	014239	014239
44	* Idle Mixture Screw Spring	011103	011103	011103	011103	011103	011103
45	Idle Mixture Screw Washer	03114	03114	03114	03114	03114	03114
46	Idle Mixture Screw Packing	010511	010511	010511	010511	010511	010511
47	* Idle Speed Screw	015361	05095	05095	05095	05095	05095
48	Idle Speed Screw Cup	----	----	----	----	014478	014478
49	* Idle Speed Screw Spring	0788	0788	0788	0788	0788	0788
50	Idle Speed Screw Bracket	014349	014349	----	014349	014349	014349
53	Idle Speed Bracket Retaining Screw (2)	014142	014142	----	014142	014142	014142
55	* Inlet Control Lever	014020	010513	010513	014020	014020	014020
56	* Inlet Control Lever Fulcrum Pin	013406	013406	013406	013406	013406	013406
57	* Inlet Control Lever Fulcrum Pin Screw	013269	013269	013269	013269	013269	013269
58	Inlet Needle, Seat & Gasket	015596	014683	014683	015596	015596	015596
59	Inlet Screen	015218	015218	015218	015218	015218	015218
60	Inlet Screen Ret. Spring	015219	015219	015219	015219	015219	015219
61	Inlet Seat Gasket	013744	013744	013744	013744	013744	013744
62	* Inlet Tension Spring	011503	011503	011503	011503	011503	011503
63	Inlet Valve Gasket	014646	014646	014646	014646	014646	014646
64	* Inlet Valve Diaphragm	014647	014647	014647	014647	014647	014647
65	Inlet Valve Body & Strainer	015188	015188	015188	014648	014648	014648
66	Inlet Valve Body Screw & Lockwasher (6)	014687	014687	014687	014687	014687	014687
67	High Speed Mixture Screw	014247	014247	014247	014247	014247	014247
68	High Speed Mixture Screw Gland	013853	013853	013853	013853	----	----
69	High Speed Mixture Screw Gland Gasket	0676	0676	0676	0676	----	----
70	High Speed Mixture Screw Gland Packing	010511	010511	010511	010511	010511	010511
71	* High Speed Mixture Screw Spring	011103	011103	011103	011103	011103	011103
72	High Speed Mixture Screw Washer	03114	03114	03114	03114	03114	03114
74	Main Fuel Jet (.089)	014993	014993	014993	014993	----	----
74A	Main Fuel Jet Gasket	013683	013683	013683	013683	----	----
76	Nozzle Check Valve	014578	014578	014578	014578	014578	014578
81	Throttle Cable Bracket	----	----	014999	----	----	----
82	Throttle Cable Bracket Lockwasher (2)	----	----	0992	----	----	----
83	Throttle Cable Bracket Ret. Screw (2)	----	----	015384	----	----	----
84	Throttle Cable Clamp	----	----	014995	----	----	----
85	Throttle Cable Clamp Ret. Screw	----	----	014998	----	----	----
86	Throttle Cable Clamp Ret. Nut	----	----	014997	----	----	----
87	Throttle Shaft & Lever	015025	014992	014992	014992	015393	015393
88	Throttle Shaft Clip	014118	014118	014118	014118	014118	014118
89	Throttle Shaft Clip Lockwasher	0992	0992	0992	0992	0992	0992
90	Throttle Shaft Clip Retaining Screw	01974	01974	01974	01974	01974	01974
91	* Throttle Shaft Return Spring	014348	014348	014348	014348	014348	014348
96	Throttle Shutter	013745	013745	013745	013745	013745	013745
97	* Throttle Shutter Screw (2)	015912	015912	015912	015912	015912	015912
103	* Throttle Wire Retaining Screw	055	055	055	055	055	055
	* Gasket Set	GS-IHD	GS-IHD	GS-IHD	GS-IHD	GS-IHD	GS-IHD
	Repair Parts Kit	RK-IHD	RK-IHD	RK-IHD	RK-IHD	RK-IHD	RK-IHD
	Diaphragm & Gasket Set	DG-IHD	DG-IHD	DG-IHD	DG-IHD	DG-IHD	DG-IHD

(\* ) Indicates Contents of Repair Parts Kit



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

Carburetor Model      Superseding Model      Equipment

HD-63A . . . . .Herters, Inc.  
 HD-64A . . . . .Herters, Inc.  
 HD-65A . . . . .Lionel Ent.  
 HD-66A . . . . .Bombardier  
 HD-67A . . . . .AMF  
 HD-68A . . . . .FTS Corp.

Ref. No.	Part Name	HD-63A	HD-64A	HD-65A	HD-66A	HD-67A	HD-68A
7	Body Channel Plug Screw . . . . .	014988	014988	014988	----	014988	014988
8	Body Channel Plug Screw . . . . .	----	----	0244	----	0244	0244
9	* Body Channel Welch Plug (2) . . . . .	04326	04326	04326	04326	04326	04326
12	Choke Friction Ball . . . . .	04784	04784	04784	04784	04784	04784
13	Choke Friction Spring . . . . .	08805	08805	08805	08805	08805	08805
14	Choke Lever . . . . .	015051	015051	----	----	----	----
15	Choke Lever Retaining Screw . . . . .	0240	0240	----	----	----	----
18	Choke Shaft . . . . .	015394	015394	----	015865	----	----
19	Choke Shaft & Lever . . . . .	----	----	014991	----	014991	014991
22	Choke Shutter . . . . .	014232	015010	015010	015010	015010	014232
23	Choke Shutter Screw (2) . . . . .	08942	08942	015912	08942	015912	015912
27	* Choke Wire Retaining Screw . . . . .	055	055	055	----	055	055
28	Diaphragm Gasket . . . . .	014120	014120	014120	014120	014120	014120
29	* Diaphragm . . . . .	014248	014248	014248	014248	014248	014248
30	Diaphragm Cover . . . . .	015791	014705	015378	014642	014705	015791
34	Elbow Connector . . . . .	015455	015455	----	015455	----	----
35	Flange Gasket . . . . .	014834	014834	014834	015194	014834	014834
36	Fuel Pump Gasket . . . . .	014643	014643	014643	014643	014643	014643
37	* Fuel Pump Diaphragm . . . . .	014644	014644	014644	014644	014644	014644
38	Fuel Pump Body . . . . .	014645	014645	014645	014645	014645	014645
39	* Fuel Strainer Screen . . . . .	011516	011516	011516	011516	011516	011516
40	Fuel Strainer Cover Gasket . . . . .	010529	010529	010529	014804	010529	010529
41	Fuel Strainer Cover . . . . .	014937	014937	014937	----	014937	014937
42	* Fuel Strainer Cover Retaining Screw . . . . .	010571	010571	010571	----	010571	010571
43	Idle Mixture Screw . . . . .	014239	014239	014239	015864	014239	014239
44	* Idle Mixture Screw Spring . . . . .	011103	011103	011103	011103	011103	011103
45	Idle Mixture Screw Washer . . . . .	03114	03114	03114	03114	03114	03114
46	Idle Mixture Screw Packing . . . . .	010511	010511	010511	010511	010511	010511
47	* Idle Speed Screw . . . . .	05095	05095	015361	015361	05095	05095
48	Idle Speed Screw Cup . . . . .	----	----	----	----	014478	----
49	* Idle Speed Screw Spring . . . . .	0788	0788	0788	0788	0788	0788
50	Idle Speed Screw Bracket . . . . .	014349	014349	014349	----	014349	----
53	Idle Speed Bracket Retaining Screw (2) . . . . .	014142	014142	014142	----	014142	----
55	* Inlet Control Lever . . . . .	014020	014020	010513	014020	014020	014020
56	* Inlet Control Lever Fulcrum Pin . . . . .	013406	013406	013406	013406	013406	013406
57	* Inlet Control Lever Fulcrum Pin Screw . . . . .	013269	013269	013269	013269	013269	013269
58	Inlet Needle, Seat & Gasket . . . . .	015596	015596	014683	015596	015596	015596
59	Inlet Screen . . . . .	015218	015218	015218	015218	015218	015218
60	Inlet Screen Ret. Spring . . . . .	015219	015219	015219	015219	015219	015219
61	Inlet Seat Gasket . . . . .	013744	013744	013744	013744	013744	013744
62	* Inlet Tension Spring . . . . .	011503	011503	011503	011503	011503	011503
63	Inlet Valve Gasket . . . . .	014646	014646	014646	014646	014646	014646
64	* Inlet Valve Diaphragm . . . . .	014647	014647	014647	014647	014647	014647
65	Inlet Valve Body & Strainer . . . . .	014648	014648	014648	014648	014648	014648
66	Inlet Valve Body Screw & Lockwasher (6) . . . . .	014687	014687	014687	014687	014687	014687
67	High Speed Mixture Screw . . . . .	014247	014247	014247	014247	014247	014247
68	High Speed Mixture Screw Gland . . . . .	013853	013853	013853	013853	013853	013853
69	High Speed Mixture Screw Gland Gasket . . . . .	0676	0676	0676	0676	0676	0676
70	High Speed Mixture Screw Gland Packing . . . . .	010511	010511	010511	010511	010511	010511
71	* High Speed Mixture Screw Spring . . . . .	011103	011103	011103	011103	011103	011103
72	High Speed Mixture Screw Washer . . . . .	03114	03114	03114	03114	03114	03114
74	Main Fuel Jet (.089) . . . . .	014993	014993	014993	----	----	014993
74	Main Fuel Jet (.1015) . . . . .	----	----	----	015190	----	----
74	Main Fuel Jet (.120) . . . . .	----	----	----	----	015009	----
74A	Main Fuel Jet Gasket . . . . .	013683	013683	013683	013683	013683	013683
76	Nozzle Check Valve . . . . .	014578	014578	014578	014578	013789	014578
81	Throttle Cable Bracket . . . . .	----	----	----	015336	----	014999
82	Throttle Cable Bracket Lockwasher (2) . . . . .	----	----	----	0992	----	0992
83	Throttle Cable Bracket Ret. Screw (2) . . . . .	----	----	----	015384	----	015384
84	Throttle Cable Clamp . . . . .	----	----	----	014995	----	014995
85	Throttle Cable Clamp Ret. Screw . . . . .	----	----	----	014998	----	014998
86	Throttle Cable Clamp Ret. Nut . . . . .	----	----	----	014997	----	014997
87	Throttle Shaft & Lever . . . . .	015810	014992	014992	015223	015025	014992
88	Throttle Shaft Clip . . . . .	014118	014118	014118	014118	014118	014118
89	Throttle Shaft Clip Lockwasher . . . . .	0992	0992	0992	0992	0992	0992
90	Throttle Shaft Clip Retaining Screw . . . . .	01974	01974	01974	01974	01974	01974
91	* Throttle Shaft Return Spring . . . . .	014348	014348	014348	014348	014348	014348
96	Throttle Shutter . . . . .	013745	013745	013745	013745	013745	013745
97	* Throttle Shutter Screw (2) . . . . .	015912	015912	015912	015912	015912	015912
103	* Throttle Wire Retaining Screw . . . . .	055	055	055	055	055	055
	* <b>Gasket Set</b>	GS-1HD	GS-1HD	GS-1HD	GS-1HD	GS-1HD	GS-1HD
	* <b>Repair Parts Kit</b>	RK-1HD	RK-1HD	RK-1HD	RK-1HD	RK-1HD	RK-1HD
	* <b>Diaphragm &amp; Gasket Set</b>	DG-1HD	DG-1HD	DG-1HD	DG-1HD	DG-1HD	DG-1HD

(\*) Indicates Contents of Repair Parts Kit





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

Carburetor Model	Superseding Model	Equipment
HD-69A		Sports Power Corp.
HD-71A		AMF
HD-72A		Bombardier
HD-73A		Bombardier
HD-74A		Duffers Assoc.
HD-75A		Lionel Ent.

Ref. No.	Part Name	HD-69A	HD-71A	HD-72A	HD-73A	HD-74A	HD-75A
7	Body Channel Plug Screw	014988	014988	----	----	014988	014988
8	Body Channel Plug Screw	----	0244	0244	----	0244	0244
9	* Body Channel Welch Plug (2)	04326	04326	04326	04326	04326	04326
12	Choke Friction Ball	04784	04784	04784	04784	04784	04784
13	Choke Friction Spring	08805	08805	08805	08805	08805	08805
19	Choke Shaft & Lever	014991	014991	015676	015185	014991	014991
22	Choke Shutter	014232	015010	015010	015010	015010	015010
23	Choke Shutter Screw (2)	015912	015912	08942	015912	015912	015912
27	* Choke Wire Retaining Screw	055	055	----	----	055	055
28	Diaphragm Gasket	014120	014120	014120	014120	014120	014120
29	* Diaphragm	014248	014248	014248	014248	014248	014248
30	Diaphragm Cover	015791	014642	014642	014642	014642	015378
34	Elbow Connector	015455	----	----	015455	----	----
35	Flange Gasket	014834	014834	015194 (2)	015194	014834	014834
36	Fuel Pump Gasket	014643	014643	014643	014643	014643	014643
37	* Fuel Pump Diaphragm	014644	014644	014644	014644	014644	014644
38	Fuel Pump Body	014645	014645	014645	014645	014645	014645
39	* Fuel Strainer Screen	011516	011516	011516	011516	011516	011516
40	Fuel Strainer Cover Gasket	010529	010529	010529	014804	010529	010529
41	Fuel Strainer Cover	014937	014937	014937	----	014937	014937
42	* Fuel Strainer Cover Retaining Screw	010571	010571	010571	----	010571	010571
43	Idle Mixture Screw	014239	014239	015864	015864	014239	014239
44	* Idle Mixture Screw Spring	011103	011103	011103	011103	011103	011103
45	Idle Mixture Screw Washer	03114	03114	03114	03114	03114	03114
46	Idle Mixture Screw Packing	010511	010511	010511	010511	010511	010511
47	* Idle Speed Screw	05095	05095	015361	015361	05095	015361
48	Idle Speed Screw Cup	----	014478	----	----	----	----
49	* Idle Speed Screw Spring	0788	0788	0788	0788	0788	0788
50	Idle Speed Screw Bracket	014349	015911	----	----	014349	014349
53	Idle Speed Bracket Retaining Screw (2)	014142	014142	----	----	014142	014142
55	* Inlet Control Lever	014020	014020	014020	014020	010513	014020
56	* Inlet Control Lever Fulcrum Pin	013406	013406	013406	013406	013406	013406
57	* Inlet Control Lever Fulcrum Pin Screw	013269	013269	013269	013269	013269	013269
58	Inlet Needle, Seat & Gasket	015596	015596	015596	015596	014683	015596
59	Inlet Screen	015218	015218	015218	015218	015218	015218
60	Inlet Screen Ret. Spring	015219	015219	015219	015219	015219	015219
61	Inlet Seat Gasket	013744	013744	013744	013744	013744	013744
62	* Inlet Tension Spring	011503	011503	011503	011503	011503	011503
63	Inlet Valve Gasket	014646	014646	014646	014646	014646	014646
64	* Inlet Valve Diaphragm	014647	014647	014647	014647	014647	014647
65	Inlet Valve Body & Strainer	014648	014648	015188	015188	014648	014648
66	Inlet Valve Body Screw & Lockwasher (6)	014687	014687	014687	014687	014687	014687
67	High Speed Mixture Screw	014247	014247	014247	014247	014247	014247
68	High Speed Mixture Screw Gland	013853	013853	013853	013853	013853	013853
69	High Speed Mixture Screw Gland Packing	0676	0676	0676	0676	0676	0676
70	High Speed Mixture Screw Gland Packing	010511	010511	010511	010511	010511	010511
71	* High Speed Mixture Screw Spring	011103	011103	011103	011103	011103	011103
72	High Speed Mixture Screw Washer	03114	03114	03114	03114	03114	03114
74	Main Fuel Jet (.089)	014993	014993	----	----	014993	014993
74	Main Fuel Jet (.096)	----	----	----	014920	----	----
74	Main Fuel Jet (.1015)	----	----	015190	----	----	----
74A	Main Fuel Jet Gasket	013683	013683	013683	013683	013683	013683
76	Nozzle Check Valve	014578	014578	014578	014578	014578	014578
81	Throttle Cable Bracket	----	----	015336	015336	----	----
82	Throttle Cable Bracket Lockwasher (2)	----	----	0992	0992	----	----
83	Throttle Cable Bracket Ret. Screw (2)	----	----	015384	015384	----	----
84	Throttle Cable Clamp	----	----	014995	014995	----	----
85	Throttle Cable Clamp Ret. Screw	----	----	014998	014998	----	----
86	Throttle Cable Clamp Ret. Nut	----	----	014997	014997	----	----
87	Throttle Shaft & Lever	015810	015915	015908	015223	014992	015949
88	Throttle Shaft Clip	014118	014118	014118	014118	014118	014118
89	Throttle Shaft Clip Lockwasher	0992	0992	0992	0992	0992	0992
90	Throttle Shaft Clip Retaining Screw	01974	01974	01974	01974	01974	01974
91	* Throttle Shaft Return Spring	014348	014348	014348	014348	014348	014348
96	Throttle Shutter	013745	013745	013745	013745	013745	013745
97	* Throttle Shutter Screw (2)	015912	08942	015912	015912	015912	015912
103	* Throttle Wire Retaining Screw	055	----	055 (2)	055	055	055
	* Gasket Set	GS-1HD	GS-1HD	GS-1HD	GS-1HD	GS-1HD	GS-1HD
	Repair Parts Kit	RK-1HD	RK-1HD	RK-1HD	RK-1HD	RK-1HD	RK-1HD
	Diaphragm & Gasket Set	DG-1HD	DG-1HD	DG-1HD	DG-1HD	DG-1HD	DG-1HD

(\*) Indicates Contents of Repair Parts Kit





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

**Carburetor Model      Superseding Model      Equipment**

HD-76A . . . . .	. . . . .	.Lionel
HD-77A . . . . .	.HD-77B . . . . .	.Harley Davidson
HD-77B . . . . .	. . . . .	.Harley Davidson
HD-78A . . . . .	. . . . .	.Sno-Jet
HD-79A . . . . .	. . . . .	.Leisure Vehicles
HD-80A . . . . .	. . . . .	.Featherweight, Kohler, Mansfield Aircraft Prod.

Ref. No.	Part Name	HD-76A	HD-77A	HD-77B	HD-78A	HD-79A	HD-80A
7	Body Channel Plug Screw . . . . .	014988	014988	014988	014988	014988	014988
8	Body Channel Plug Screw . . . . .	0244	----	----	0244	0244	0244
9	* Body Channel Welch Plug (2) . . . . .	04326	04326	04326	04326	04326	04326
12	Choke Friction Ball . . . . .	04784	04784	04784	04784	04784	04784
13	Choke Friction Spring . . . . .	08805	08805	08805	08805	08805	08805
14	Choke Lever . . . . .	----	015937	----	----	----	----
15	Choke Lever Retaining Screw . . . . .	----	0240	----	----	----	----
18	Choke Shaft . . . . .	----	015052	015052	----	----	----
19	Choke Shaft & Lever . . . . .	014991	----	----	014991	015107	014991
22	Choke Shutter . . . . .	015010	015010	015010	015010	015010	015010
23	Choke Shutter Screw (2) . . . . .	015912	08942	08942	015912	015912	015912
27	* Choke Wire Retaining Screw . . . . .	055	----	----	055	055	055
28	Diaphragm Gasket . . . . .	014120	014120	014120	014120	014120	014120
29	* Diaphragm . . . . .	014248	014248	014248	014248	014248	014248
30	Diaphragm Cover . . . . .	015378	015941	015941	014705	014705	015378
34	Elbow Connector . . . . .	----	015455	015455	----	----	----
35	Flange Gasket . . . . .	014834	----	----	014834	014834	014834
36	Fuel Pump Gasket . . . . .	014643	014643	014643	014643	014643	014643
37	* Fuel Pump Diaphragm . . . . .	014644	014644	014644	014644	014644	014644
38	Fuel Pump Body . . . . .	014645	014645	014645	014645	014645	014645
39	* Fuel Strainer Screen . . . . .	011516	011516	011516	011516	011516	011516
40	Fuel Strainer Cover Gasket . . . . .	010529	010529	010529	010529	010529	010529
41	Fuel Strainer Cover . . . . .	014937	014937	014937	014937	014937	014937
42	* Fuel Strainer Cover Retaining Screw . . . . .	010571	010571	010571	010571	010571	010571
43	Idle Mixture Screw . . . . .	014239	014239	014239	014239	014239	014239
44	* Idle Mixture Screw Spring . . . . .	011103	011103	011103	011103	011103	011103
45	Idle Mixture Screw Washer . . . . .	03114	03114	03114	03114	03114	03114
46	Idle Mixture Screw Packing . . . . .	010511	010511	010511	010511	010511	010511
47	* Idle Speed Screw . . . . .	015361	05095	05095	05095	05095	015361
49	* Idle Speed Screw Spring . . . . .	0788	0788	0788	0788	0788	0788
50	Idle Speed Screw Bracket . . . . .	014349	----	----	----	----	----
53	Idle Speed Bracket Retaining Screw (2) . . . . .	014142	----	----	----	----	----
55	* Inlet Control Lever . . . . .	014020	014020	014020	014020	010513	010513
56	* Inlet Control Lever Fulcrum Pin . . . . .	013406	013406	013406	013406	013406	013406
57	* Inlet Control Lever Fulcrum Pin Screw . . . . .	013269	013269	013269	013269	013269	013269
58	Inlet Needle, Seat & Gasket . . . . .	015596	015596	015596	015596	014683	014683
59	Inlet Screen . . . . .	015218	015218	015218	015218	015218	015218
60	Inlet Screen Ret. Spring . . . . .	015219	015219	015219	015219	015219	015219
61	Inlet Seat Gasket . . . . .	013744	013744	013744	013744	013744	013744
62	* Inlet Tension Spring . . . . .	011503	011503	011503	011503	011503	011503
63	Inlet Valve Gasket . . . . .	014646	014646	014646	014646	014646	014646
64	* Inlet Valve Diaphragm . . . . .	014647	014647	014647	014647	014647	014647
65	Inlet Valve Body . . . . .	014648	014648	014648	014648	014648	014648
66	Inlet Valve Body Screw & Lockwasher (6) . . . . .	014687	014687	014687	014687	014687	014687
67	High Speed Mixture Screw . . . . .	014247	014247	014247	014247	014247	014247
68	High Speed Mixture Screw Gland . . . . .	013853	013853	013853	013853	013853	----
69	High Speed Mixture Screw Gland Gasket . . . . .	0676	0676	0676	0676	0676	----
70	High Speed Mixture Screw Gland Packing . . . . .	010511	010511	010511	010511	010511	010511
71	* High Speed Mixture Screw Spring . . . . .	011103	011103	011103	011103	011103	011103
72	High Speed Mixture Screw Washer . . . . .	03114	03114	03114	03114	03114	03114
74	Main Fuel Jet (.089) . . . . .	----	014993	014993	014993	014993	----
74	Main Fuel Jet (.120) . . . . .	015009	----	----	----	----	----
74A	Main Fuel Jet Gasket . . . . .	013683	013683	013683	013683	013683	----
76	Nozzle Check Valve . . . . .	014578	014578	014578	014578	014578	016013
81	Throttle Cable Bracket . . . . .	----	014999	015960	014999	014999	014999
82	Throttle Cable Bracket Lockwasher (2) . . . . .	----	0992	0992	0992	0992	0992
83	Throttle Cable Bracket Ret. Screw (2) . . . . .	----	015384	015384	015384	015384	015384
84	Throttle Cable Clamp . . . . .	----	014995	014995	014995	014995	014995
85	Throttle Cable Clamp Ret. Screw . . . . .	----	014998	014998	014998	014998	014998
86	Throttle Cable Clamp Ret. Nut . . . . .	----	014997	014997	014997	014997	014997
87	Throttle Shaft & Lever . . . . .	014992	014992	015959	014992	014992	014992
88	Throttle Shaft Clip . . . . .	014118	014118	014118	014118	014118	014118
89	Throttle Shaft Clip Lockwasher . . . . .	0992	0992	0992	0992	0992	0992
90	Throttle Shaft Clip Retaining Screw . . . . .	01974	01974	01974	01974	01974	01974
91	* Throttle Shaft Return Spring . . . . .	014348	014348	014348	014348	014348	014348
92A	Throttle Shaft Seal (Small) . . . . .	----	----	015954	----	----	----
93	Throttle Shaft Seal (Large) . . . . .	----	----	015955	----	----	----
96	Throttle Shutter . . . . .	013745	013745	013745	013745	013745	013745
97	* Throttle Shutter Screw (2) . . . . .	015912	015912	08942	015912	015912	015912
103	* Throttle Wire Retaining Screw . . . . .	055	055	055	055	055	055
	* Gasket Set . . . . .	GS-LHD	GS-LHD	GS-LHD	GS-LHD	GS-LHD	GS-LHD
	* Repair Parts Kit . . . . .	RK-LHD	RK-LHD	RK-LHD	RK-LHD	RK-LHD	RK-LHD
	* Diaphragm & Gasket Set . . . . .	DG-LHD	DG-LHD	DG-LHD	DG-LHD	DG-LHD	DG-LHD

(\*) Indicates Contents of Repair Parts Kit



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

Carburetor Model      Superseding Model      Equipment

HD-81A . . . . .	Bombardier
HD-83A . . . . .	Bombardier
HD-85A . . . . .	Scorpion
HD-86A . . . . .	Moto Ski
HD-87A . . . . .	Arctic
HD-88A . . . . .	Featherweight

Ref. No.	Part Name	HD-81A	HD-83A	HD-85A	HD-86A	HD-87A	HD-88A
7	Body Channel Plug Screw . . . . .	----	014988	014988	----	014988	----
8	Body Channel Plug Screw . . . . .	----	----	0244	----	0244	----
9	Body Channel Welch Plug (2) . . . . .	04326	04326	04326	04326	04326	04326
12	Choke Friction Ball . . . . .	04784	04784	04784	04784	04784	04784
13	Choke Friction Spring . . . . .	08805	08805	08805	08805	08805	08805
14	Choke Lever . . . . .	----	----	----	----	015051	015051
15	Choke Lever Retaining Screw . . . . .	----	----	----	----	0240	0240
18	Choke Shaft . . . . .	----	----	----	----	015794	015052
19	Choke Shaft & Lever . . . . .	016036	016156	014991	014991	----	----
22	Choke Shutter . . . . .	015010	016103	015010	015010	015010	015010
23	Choke Shutter Screw (2) . . . . .	015912	015912	015912	015912	015912	08942
27	* Choke Wire Retaining Screw . . . . .	055	----	055	055	055	055
28	Diaphragm Gasket . . . . .	014120	014120	014120	014120	014120	014120
29	* Diaphragm . . . . .	014248	014248	014248	014248	014248	014248
30	Diaphragm Cover . . . . .	014642	014642	014705	015378	014705	015941
34	Elbow Connector . . . . .	015455	015455	----	015455	----	015455
35	Flange Gasket . . . . .	015194	016104 (2)	014834 (2)	014834	014834	014834
36	Fuel Pump Gasket . . . . .	014643	014643	014643	014643	014643	014643
37	* Fuel Pump Diaphragm . . . . .	014644	014644	014644	014644	014644	014644
38	Fuel Pump Body . . . . .	014645	014645	014645	014645	014645	014645
39	* Fuel Strainer Screen . . . . .	011516	011516	----	011516	011516	011516
40	Fuel Strainer Cover Gasket . . . . .	014804	014804	----	010529	010529	010529
41	Fuel Strainer Cover . . . . .	----	----	----	014937	014937	014937
42	* Fuel Strainer Cover Retaining Screw . . . . .	----	----	----	010571	010571	010571
43	Idle Mixture Screw . . . . .	015864	015864	014239	014239	014239	014239
44	* Idle Mixture Screw Spring . . . . .	011103	011103	011103	011103	011103	011103
45	Idle Mixture Screw Washer . . . . .	03114	03114	03114	03114	03114	03114
46	Idle Mixture Screw Packing . . . . .	010511	010511	010511	010511	010511	010511
47	* Idle Speed Screw . . . . .	015361	015361	05095	----	05095	05095
48	Idle Speed Screw Cup . . . . .	----	----	----	----	014478	----
49	* Idle Speed Screw Spring . . . . .	0788	0788	0788	0788	0788	0788
50	Idle Speed Screw Bracket . . . . .	----	----	014349	----	014349	----
53	Idle Speed Brkt Ret. Screw & Lkwshr (2) . . . . .	----	----	014142	----	014142	----
55	* Inlet Control Lever . . . . .	014020	014020	014020	014020	014020	014020
56	* Inlet Control Lever Fulcrum Pin . . . . .	013406	013406	013406	013406	013406	013406
57	* Inlet Control Lever Fulcrum Pin Screw . . . . .	013269	013269	013269	013269	013269	013269
58	Inlet Needle, Seat & Gasket . . . . .	015596	015596	015596	015596	015596	015596
59	Inlet Screen . . . . .	015218	015218	015218	015218	015218	015218
60	Inlet Screen Ret. Spring . . . . .	015219	015219	015219	015219	015219	015219
61	Inlet Seat Gasket . . . . .	013744	013744	013744	013744	013744	013744
62	* Inlet Tension Spring . . . . .	011503	011503	011503	011503	011503	011503
63	Inlet Valve Gasket . . . . .	014646	014646	014646	014646	014646	014646
64	* Inlet Valve Diaphragm . . . . .	014647	014647	014647	014647	014647	014647
65	Inlet Valve Body & Strainer . . . . .	015188	015188	015188	014648	014648	014648
66	Inlet Valve Body Screw & Lkwshr (6) . . . . .	014687	014687	014687	014687	014687	014687
67	High Speed Mixture Screw . . . . .	014247	014247	014247	014247	014247	014247
68	High Speed Mixture Screw Gland . . . . .	013853	013853	013853	013853	----	013853
69	High Speed Mixture Screw Gland Gasket . . . . .	0676	0676	0676	0676	----	0676
70	High Speed Mixture Screw Gland Packing . . . . .	010511	010511	010511	010511	010511	010511
71	* High Speed Mixture Screw Spring . . . . .	011103	011103	011103	011103	011103	011103
72	High Speed Mixture Screw Washer . . . . .	03114	03114	03114	03114	03114	03114
73	Lead Shot . . . . .	----	01449	----	----	----	----
74	Main Fuel Jet (.089) . . . . .	----	----	014993	014993	----	014993
74	Main Fuel Jet (.096) . . . . .	----	014920	----	----	----	----
74	Main Fuel Jet (.1015) . . . . .	015190	----	----	----	----	----
74A	Main Fuel Jet Gasket . . . . .	013683	013683	013683	013683	----	013683
76	Nozzle Check Valve . . . . .	014578	----	014578	014578	014578	014578
77	Nozzle Check Valve Assembly . . . . .	----	016198	----	----	----	----
80	Recirculator, Connector Elbow . . . . .	----	----	----	----	015455	----
81	Throttle Cable Bracket . . . . .	015336	015336	----	014999	----	014999
82	Throttle Cable Bracket Lockwasher (2) . . . . .	0992	0992	----	0992	----	0992
83	Throttle Cable Bracket Ret. Screw (2) . . . . .	015384	015384	----	015384	----	015384
84	Throttle Cable Clamp . . . . .	014995	014995	----	014995	----	014995
85	Throttle Cable Clamp Ret. Screw . . . . .	014998	014998	----	014998	----	014998
86	Throttle Cable Clamp Ret. Nut . . . . .	014997	014997	----	014997	----	014997
87	Throttle Shaft & Lever . . . . .	015223	016106	016160	014992	015393	014992
88	Throttle Shaft Clip . . . . .	014118	014118	014118	014118	014118	014118
89	Throttle Shaft Clip Lockwasher . . . . .	0992	0992	0992	0992	0992	0992
90	Throttle Shaft Clip Ret. Screw . . . . .	01974	01974	01974	01974	01974	01974
91	* Throttle Shaft Return Spring . . . . .	014348	015988	015988	015988	015988	014348
96	Throttle Shutter . . . . .	013745	015984	013745	013745	013745	013745
97	* Throttle Shutter Screw (2) . . . . .	015912	015912	015912	015912	015912	015912
103	* Throttle Wire Retaining Screw . . . . .	055	055	055	055	055	055
	* Gasket Set . . . . .	GS-1HD	GS-3HD	GS-1HD	GS-1HD	GS-1HD	GS-1HD
	* Repair Parts Kit . . . . .	RK-1HD	RK-5HD	RK-4HD	RK-4HD	RK-4HD	RK-1HD
	* Diaphragm & Gasket Set . . . . .	DG-1HD	DG-1HD	DG-1HD	DG-1HD	DG-1HD	DG-1HD

(\* ) Indicates Contents of Repair Parts Kit





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

Carburetor Model      Superseding Model      Equipment

HD-95A . . . . .	. . . . .	.Kiekhaefer Aeromarine
HD-96A . . . . .	. . . . .	.Sno-Jet
HD-97A . . . . .	. . . . .	.AMF
HD-98A . . . . .	. . . . .	.Bombardier
HD-99A . . . . .	. . . . .	.Bombardier
HD-100A . . . . .	. . . . .	.Bombardier

Ref. No.	Part Name	HD-95A	HD-96A	HD-97A	HD-98A	HD-99A	HD-100A
7	Body Channel Plug Screw . . . . .	----	014988	014988	----	----	----
8	Body Channel Plug Screw . . . . .	----	0244	----	----	0244	0244
9	Body Channel Welch Plug (2) . . . . .	04326	04326	04326	04326	04326	04326
12	Choke Friction Ball . . . . .	04784	04784	04784	04784	----	----
13	Choke Friction Spring . . . . .	08805	08805	08805	08805	----	----
14	Choke Lever . . . . .	015051	----	----	----	----	----
15	Choke Lever Retaining Screw . . . . .	0240	----	----	----	----	----
18	Choke Shaft . . . . .	015102	----	----	----	----	----
19	Choke Shaft & Lever . . . . .	----	014991	016196	015185	----	----
22	Choke Shutter . . . . .	015010	015010	015010	015010	----	----
23	Choke Shutter Screw (2) . . . . .	015912	015912	08942	015912	----	----
27	* Choke Wire Retaining Screw . . . . .	055	055	055	----	----	----
28	Diaphragm Gasket . . . . .	014120	014120	014120	014120	014120	014120
29	* Diaphragm . . . . .	014248	014248	014248	014248	014248	014248
30	Diaphragm Cover . . . . .	014705	014705	014705	014642	016292	016292
34	Elbow Connector . . . . .	015455	----	015455	015455	----	----
35	Flange Gasket . . . . .	014834	014834	014834	015194 (2)	015194 (2)	016104 (2)
36	Fuel Pump Gasket . . . . .	014643	014643	014643	014643	014643	014643
37	* Fuel Pump Diaphragm . . . . .	014644	014644	014644	014644	014644	014644
38	Fuel Pump Body . . . . .	014645	014645	014645	014645	014645	014645
39	* Fuel Strainer Screen . . . . .	011516	----	011516	011516	011516	011516
40	Fuel Strainer Cover Gasket . . . . .	010529	----	010529	014804	010529	010529
41	Fuel Strainer Cover . . . . .	014937	----	014937	----	014937	014937
42	* Fuel Strainer Cover Retaining Screw . . . . .	010571	----	010571	----	010571	010571
43	Idle Mixture Screw . . . . .	014239	014239	014239	015864	015864	015864
44	* Idle Mixture Screw Spring . . . . .	011103	011103	011103	011103	011103	011103
45	Idle Mixture Screw Washer . . . . .	03114	03114	03114	03114	03114	03114
46	Idle Mixture Screw Packing . . . . .	010511	010511	010511	010511	010511	010511
47	* Idle Speed Screw . . . . .	05095	05095	05095	015361	015361	015361
49	* Idle Speed Screw Spring . . . . .	0788	0788	0788	0788	0788	0788
50	Idle Speed Screw Bracket . . . . .	014349	----	014349	014349	----	----
53	Idle Speed Brkt Ret. Screw & Lkwsr (2) . . . . .	014142	----	014142	014142	----	----
55	* Inlet Control Lever . . . . .	014020	014020	010513	014020	014020	014020
56	* Inlet Control Lever Fulcrum Pin . . . . .	013406	013406	013406	013406	013406	013406
57	* Inlet Control Lever Fulcrum Pin Screw . . . . .	013269	013269	013269	013269	013269	013269
58	Inlet Needle, Seat & Gasket . . . . .	015596	015596	014632	015596	015596	015596
59	Inlet Screen . . . . .	015218	015218	015218	015218	015218	----
59A	* Inlet Screen . . . . .	----	----	----	----	----	010301
60	Inlet Screen Ret. Spring . . . . .	015219	015219	015219	015219	015219	----
61	Inlet Seat Gasket . . . . .	013744	013744	013744	013744	013744	013744
62	* Inlet Tension Spring . . . . .	011503	011503	011503	011503	011503	011503
63	Inlet Valve Gasket . . . . .	014646	014646	014646	014646	014646	014646
64	* Inlet Valve Diaphragm . . . . .	014647	014647	014647	014647	014647	014647
65	Inlet Valve Body & Strainer . . . . .	014648	015188	014648	015188	015188	015188
66	Inlet Valve Body Screw & Lockwasher (6) . . . . .	014687	014687	014687	014687	014687	014687
67	High Speed Mixture Screw . . . . .	014247	014247	014247	014247	014247	014247
68	High Speed Mixture Screw Gland . . . . .	013853	013853	013853	013853	013853	013853
69	High Speed Mixture Screw Gland Gasket . . . . .	0676	0676	0676	0676	0676	0676
70	High Speed Mixture Screw Gland Packing . . . . .	010511	010511	010511	010511	010511	010511
71	* High Speed Mixture Screw Spring . . . . .	011103	011103	011103	011103	011103	011103
72	High Speed Mixture Screw Washer . . . . .	03114	03114	03114	03114	03114	03114
73	Lead Shot . . . . .	----	----	----	----	----	01449
74	Main Fuel Jet (.089) . . . . .	014993	014993	----	014993	----	----
74	Main Fuel Jet (.096) . . . . .	----	----	----	----	----	014920
74	Main Fuel Jet (.1015) . . . . .	----	----	----	----	015190	----
74	Main Fuel Jet (.120) . . . . .	----	----	015009	----	----	----
74A	Main Fuel Jet Gasket . . . . .	013683	013683	013683	013683	013683	013683
76	Nozzle Check Valve . . . . .	014578	014578	013789	014578	014578	----
77	Nozzle Check Valve Assembly . . . . .	----	----	----	----	----	016198
81	Throttle Cable Bracket . . . . .	----	014999	----	----	015336	015336
82	Throttle Cable Bracket Lockwasher (2) . . . . .	----	0992	----	----	0992	0992
83	Throttle Cable Bracket Ret. Screw (2) . . . . .	----	015384	----	----	015384	015384
84	Throttle Cable Clamp . . . . .	----	014995	----	----	014995	014995
85	Throttle Cable Clamp Ret. Screw . . . . .	----	014998	----	----	014998	014998
86	Throttle Cable Clamp Ret. Nut . . . . .	----	014997	----	----	014997	014997
87	Throttle Shaft & Lever . . . . .	014992	014992	015025	015223	015908	016233
88	Throttle Shaft Clip . . . . .	014118	014118	014118	014118	014118	014118
89	Throttle Shaft Clip Lockwasher . . . . .	0992	0992	0992	0992	0992	0992
90	Throttle Shaft Clip Retaining Screw . . . . .	01974	01974	01974	01974	01974	01974
91	* Throttle Shaft Return Spring . . . . .	015988	015988	014348	015988	015988	015988
96	Throttle Shutter . . . . .	013745	013745	013745	013745	013745	015984
97	* Throttle Shutter Screw (2) . . . . .	015912	015912	015912	015912	015912	015912
103	* Throttle Wire Retaining Screw . . . . .	055	055	055	055	055	055
	* Gasket Set . . . . .	GS-1HD	GS-1HD	GS-1HD	GS-1HD	GS-1HD	GS-3HD
	* Repair Parts Kit . . . . .	RK-4HD	RK-4HD	RK-1HD	RK-4HD	RK-4HD	RK-5HD
	* Diaphragm & Gasket Set . . . . .	DG-1HD	DG-1HD	DG-1HD	DG-1HD	DG-1HD	DG-1HD

(\* ) Indicates Contents of Repair Parts Kit





Carburetor Model	Superseding Model	Equipment
HD-100AX		Bombardier
HD-101A		Bombardier
HD-104A		Bombardier
HD-105A		Rupp
HD-105B		Rupp
HD-106A		Sno-Jet

Ref. No.	Part Name	HD-100AX	HD-101A	HD-104A	HD-105A	HD-105B	HD-106A
7	Body Channel Plug Screw	----	----	----	----	016714	014988
8	Body Channel Plug Screw	0244	----	----	0244	----	----
9	Body Channel Welch Plug (2)	04326	04326	04326	04326	04326	04326
12	Choke Friction Ball	----	04784	04784	----	----	04784
13	Choke Friction Spring	----	08805	08805	----	----	08805
18	Choke Shaft	----	----	----	----	----	016355
19	Choke Shaft & Lever	----	015185	016196	----	----	----
22	Choke Shutter	----	015010	015010	----	----	015010
23	Choke Shutter Screw (2)	----	015912	08942	----	----	015912
27	* Choke Wire Retaining Screw	----	----	055	----	----	----
28	Diaphragm Gasket	014120	014120	014120	014120	014120	014120
29	* Diaphragm	014248	014248	014248	014248	014248	014248
30	Diaphragm Cover	016292	014642	014642	014705	014705	015941
34	Elbow Connector	----	015455	015455	015455	015455	015455
35	Flange Gasket	016104	015194	015194(2)	016104	016104	014834
36	Fuel Pump Gasket	014643	014643	014643	014643	014643	014643
37	* Fuel Pump Diaphragm	014644	014644	014644	014644	014644	014644
38	Fuel Pump Body	014645	014645	014645	014645	014645	014645
39	* Fuel Strainer Screen	011516	011516	011516	011516	011516	011516
40	Fuel Strainer Cover Gasket	010529	010529	010529	010529	010529	010529
41	Fuel Strainer Cover	014937	014937	014937	014937	014937	014937
42	* Fuel Strainer Cover Retaining Screw	010571	010571	010571	010571	010571	010571
43	Idle Mixture Screw	015864	015864	014239	015864	015864	014239
44	* Idle Mixture Screw Spring	011103	011103	011103	011103	011103	011103
45	Idle Mixture Screw Washer	03114	03114	03114	03114	03114	03114
46	Idle Mixture Screw Packing	010511	010511	010511	010511	010511	010511
47	* Idle Speed Screw	015361	015361	05095	05095	05095	05095
49	* Idle Speed Screw Spring	0788	0788	0788	0788	0788	0788
50	Idle Speed Screw Bracket	----	----	----	----	----	----
53	Idle Speed Brkt Ret. Screw & Lkwshr (2)	----	----	----	----	----	----
55	* Inlet Control Lever	013100	014020	014020	010513	010513	014020
56	* Inlet Control Lever Fulcrum Pin	013406	013406	013406	013406	013406	013406
57	* Inlet Control Lever Fulcrum Pin Screw	013269	013269	013269	013269	013269	013269
58	Inlet Needle, Seat & Gasket	014632	015596	015596	014237	014237	015596
59	Inlet Screen	010301	015218	015218	015218	----	015218
60	Inlet Screen Ret. Spring	----	015219	015219	015219	----	015219
61	Inlet Seat Gasket	013744	013744	013744	013744	013744	013744
62	* Inlet Tension Spring	011503	011503	011503	011503	011503	011503
63	Inlet Valve Gasket	014646	014646	014646	014646	014646	014646
64	* Inlet Valve Diaphragm	014647	014647	014647	014647	014647	014647
65	Inlet Valve Body & Strainer	015188	015188	015188	015188	015188	014648
66	Inlet Valve Body Screw & Lkwshr (6)	014687	014687	014687	014687	014687	014687
67	High Speed Mixture Screw	014247	014247	014247	014247	014247	014247
68	High Speed Mixture Screw Gland	013853	013853	013853	----	----	013853
69	High Speed Mixture Screw Gland Gasket	0676	0676	0676	----	----	0676
70	High Speed Mixture Screw Gland Packing	010511	010511	010511	010511	010511	010511
71	* High Speed Mixture Screw Spring	011103	011103	011103	011103	011103	011103
72	High Speed Mixture Screw Washer	03114	03114	03114	03114	03114	03114
73	Lead Shot	01449	----	----	01449	01449	----
74	Main Fuel Jet (.076)	----	----	016290	----	----	----
74	Main Fuel Jet (.089)	----	014993	----	----	----	014993
74	Main Fuel Jet (.125)	016648	----	----	----	----	----
74A	Main Fuel Jet Gasket	013683	013683	013683	----	----	013683
76	Nozzle Check Valve	----	014578	014578	----	----	014578
77	Nozzle Check Valve Assembly	016198	----	----	016305	016690	----
81	Throttle Cable Bracket	015336	015336	015336	014999	014999	014999
82	Throttle Cable Bracket Lockwasher (2)	0992	0992	0992	0992	0992	0992
83	Throttle Cable Bracket Ret. Screw (2)	015384	015384	015384	015384	015384	015384
84	Throttle Cable Clamp	014995	014995	014995	014995	014995	014995
85	Throttle Cable Clamp Ret. Screw	014998	014998	014998	014998	014998	014998
86	Throttle Cable Clamp Ret. Nut	014997	014997	014997	014997	014997	014997
87	Throttle Shaft & Lever	016233	015223	015223	015987	015987	014992
88	Throttle Shaft Clip	014118	014118	014118	014118	014118	014118
89	Throttle Shaft Clip Lockwasher	0992	0992*	0992	0992	0992	0992
90	Throttle Shaft Clip Retaining Screw	01974	01974	01974	01974	01974	01974
91	* Throttle Shaft Return Spring	015988	015988	015988	015988	015988	015988
96	Throttle Shutter	015984	013745	013745	015984	015984	013745
97	* Throttle Shutter Screw (2)	015912	015912	015912	015912	015912	015912
103	* Throttle Wire Retaining Screw	055	055	055	055	055	055
	* Gasket Set	GS-3HD	GS-1HD	GS-1HD	GS-3HD	GS-3HD	GS-1HD
	Repair Parts Kit	RK-5HD	RK-4HD	RK-4HD	RK-6HD	RK-6HD	RK-4HD
	Diaphragm & Gasket Set	DG-1HD	DG-1HD	DG-1HD	DG-1HD	DG-1HD	DH-1HD

(\*) Indicates contents of Repair Parts Kit





Carburetor Model	Superseding Model	Equipment
HD-107A		Bombardier
HD-108A		Bombardier
HD-109A		Bombardier
HD-110A		Bombardier
HD-111A		McCulloch
HD-113A		Moto-Ski

Ref. No.	Part Name	HD-107A	HD-108A	HD-109A	HD-110A	HD-111A	HD-113A
7	Body Channel Plug Screw	----	----	----	----	014988	----
8	Body Channel Plug Screw	----	01102	----	----	----	----
9	Body Channel Welch Plug (2)	04326	04326	04326	04326	04326	04326
12	Choke Friction Ball	04784	04784	04784	04784	04784	04784
13	Choke Friction Spring	08805	08805	08805	08805	08805	08805
14	Choke Lever	----	----	----	----	015051	----
15	Choke Lever Retaining Screw	----	----	----	----	0240	----
18	Choke Shaft	----	----	----	----	016412	----
19	Choke Shaft & Lever	016036	016036	016036	016036	----	014990
22	Choke Shutter	015010	015010	016466	016103	016103	015010
23	Choke Shutter Screw (2)	015912	015912	015912	015912	015912	015912
27	* Choke Wire Retaining Screw	055	055	055	055	055	----
28	Diaphragm Gasket	014120	014120	014120	014120	014120	014120
29	* Diaphragm	014248	014248	014248	014248	014248	014248
30	Diaphragm Cover	014705	015941	014705	014705	016371	016376
34	Elbow Connector	016330	016330	016330	016330	015455	015455
35	Flange Gasket	015194 (2)	015194 (2)	016104 (3)	016104 (2)	015953	014834
36	Fuel Pump Gasket	014643	014643	014643	014643	014643	014643
37	* Fuel Pump Diaphragm	014644	014644	014644	014644	014644	014644
38	Fuel Pump Body	014645	014645	014645	014645	014645	014645
39	* Fuel Strainer Screen	011516	011516	011516	011516	011516	011516
40	Fuel Strainer Cover Gasket	014804	014804	014804	014804	010529	010529
41	Fuel Strainer Cover	----	----	----	----	014937	014937
42	* Fuel Strainer Cover Retaining Screw	----	----	----	----	010571	010571
43	Idle Mixture Screw	015864	015864	015864	015864	014239	014239
44	* Idle Mixture Screw Spring	011103	011103	011103	011103	011103	011103
45	Idle Mixture Screw Washer	03114	03114	03114	03114	03114	03114
46	Idle Mixture Screw Packing	010511	010511	010511	010511	010511	010511
47	* Idle Speed Screw	05095	05095	05095	05095	05095	05095
48	Idle Speed Screw Cup	----	----	014478	----	----	----
49	* Idle Speed Screw Spring	0788	0788	0788	0788	0788	0788
50	Idle Speed Screw Bracket	----	014349	----	----	014349	----
53	Idle Speed Bracket Ret. Screw & Lkwsr (2)	----	014142	----	----	014142	----
55	* Inlet Control Lever	014020	014020	010513	010513	014020	014020
56	* Inlet Control Lever Fulcrum Pin	013406	013406	013406	013406	013406	013406
57	* Inlet Control Lever Fulcrum Pin Screw	013269	013269	013269	013269	013269	013269
58	Inlet Needle, Seat & Gasket	015596	015596	014632	014632	015596	015596
59	Inlet Screen	015218	015218	015218	015218	015218	015218
60	Inlet Screen Ret. Spring	015219	015219	015219	015219	015219	015219
61	Inlet Seat Gasket	013744	013744	013744	013744	013744	013744
62	* Inlet Tension Spring	011503	011503	011503	011503	011503	011503
63	Inlet Valve Gasket	014646	014646	014646	014646	014646	014646
64	* Inlet Valve Diaphragm	014647	014647	014647	014647	014647	014647
65	Inlet Valve Body & Strainer	015188	015188	015188	015188	014648	014648
66	Inlet Valve Body Screw & Lkwsr. (6)	014687	014687	014687	014687	014687	014687
67	High Speed Mixture Screw	014247	----	014247	----	014247	014247
68	High Speed Mixture Screw Gland	013853	----	013853	----	013853	----
69	High Speed Mixture Screw Gasket	0676	----	0676	----	0676	----
70	High Speed Mixture Screw Gland Packing	010511	----	010511	----	010511	010511
71	* High Speed Mixture Screw Spring	011103	----	011103	----	011103	011103
72	High Speed Mixture Screw Washer	03114	----	03114	----	03114	03114
73	Lead Shot	----	----	01449	01449	01449	----
74	Main Fuel Jet (.053)	----	016594	----	----	----	----
74	Main Fuel Jet (.060)	----	----	----	016618	----	----
74	Main Fuel Jet (.081)	015192	----	----	----	----	----
74	Main Fuel Jet (.096)	----	----	----	----	014920	----
74	Main Fuel Jet (.120)	----	----	015009	----	----	----
74A	Main Fuel Jet Gasket	013683	013683	013683	013683	013683	----
75	Main Fuel Jet Plug Screw	----	----	----	01102	----	----
76	Nozzle Check Valve	014578	014578	----	----	----	014578
77	Nozzle Check Valve Assembly	----	----	016517	016198	016198	----
81	Throttle Cable Bracket	016332	----	016578	016332	----	014999
82	Throttle Cable Bracket Lockwasher (2)	0992	----	0992	0992	----	0992
83	Throttle Cable Bracket Ret. Screw (2)	015384	----	015384	015384	----	015384
84	Throttle Cable Clamp	014995	----	014995	014995	----	014995
85	Throttle Cable Clamp Ret. Screw	016322	----	016322	016322	----	014998
86	Throttle Cable Clamp Ret. Nut	014997	----	014997	014997	----	014997
87	Throttle Shaft & Lever	016331	016331	016614	016537	016369	014992
88	Throttle Shaft Clip	014118	014118	014118	014118	014118	014118
89	Throttle Shaft Clip Lockwasher	0992	0992	0992	0992	0992	0992
90	Throttle Shaft Clip Ret. Screw	01974	01974	01974	01974	01974	01974
91	* Throttle Shaft Return Spring	015988	015988	015988	015988	015988	015988
96	Throttle Shutter	013745	013745	015984	015984	015984	013745
97	* Throttle Shutter Screw (2)	015912	015912	015912	015912	015912	015912
103	* Throttle Wire Retaining Screw	055	055	055	055	055	055
	* Gasket Set	GS-1HD	GS-1HD	GS-3HD	GS-3HD	GS-1HD	GS-1HD
	Repair Parts Kit	RK-4HD	RK-4HD	RK-6HD	RK-6HD	RK-4HD	RK-4HD
	Diaphragm & Gasket Set	DG-1HD	DG-1HD	DG-1HD	DG-1HD	DG-1HD	DG-1HD

(\*) Indicates contents of Repair Parts Kit

## Tillotson Carburetors

Marvel-Schebler/Tillotson Division, Borg-Warner Corporation  
761 Berdan Avenue, Box 6598, Toledo, Ohio 43612



Transportation  
Equipment



Carburetor Model      Superseding Model      Equipment

HD-114A. . . . .	Kiekhaefer Aeromarine
HD-115A. . . . .	Kiekhaefer Mercury
HD-116A. . . . .	Air Cushion Vehicles
HD-117A. . . . .	Fitchel & Sachs
HD-118A. . . . .	Alspert
HD-119A. . . . .	Rupp

Ref. No.	Part Name	HD-114A	HD-115A	HD-116A	HD-117A	HD-118A	HD-119A
7	Body Channel Plug Screw . . . . .	----	014988	014988	014988	014988	----
8	Body Channel Plug Screw . . . . .	----	01102	0244	0244	----	----
9	Body Channel Welch Plug (2) . . . . .	04326	04326	04326	04326	04326	04326
12	Choke Friction Ball . . . . .	04784	04784	04784	04784	04784	04784
13	Choke Friction Spring . . . . .	08805	08805	08805	08805	08805	08805
14	Choke Lever . . . . .	015051	015051	----	----	----	----
15	Choke Lever Ret. Screw. . . . .	0240	0240	----	----	----	----
18	Choke Shaft . . . . .	015102	016412	----	----	----	----
19	Choke Shaft & Lever . . . . .	----	----	014991	014991	014991	016458
22	Choke Shutter . . . . .	015010	015010	016103	015010	014232	016466
23	Choke Shutter Screw (2) . . . . .	015912	015912	015912	015912	015912	015912
27	* Choke Wire Retaining Screw. . . . .	055	055	055	055	055	055
28	Diaphragm Gasket. . . . .	014120	014120	014120	014120	014120	014120
29	* Diaphragm . . . . .	014248	014248	014248	014248	014248	014248
30	Diaphragm Cover . . . . .	014705	015378	014705	014705	015791	015378
34	Elbow Connector . . . . .	015455	016409	----	----	015455	015455
35	Flange Gasket . . . . .	014834	014834	015953	014834	014834	016104
36	Fuel Pump Gasket. . . . .	014643	014643	014643	014643	014643	014643
37	* Fuel Pump Diaphragm . . . . .	014644	014644	014644	014644	014644	014644
38	Fuel Pump Body. . . . .	014645	014645	014645	014645	014645	014645
39	* Fuel Strainer Screen. . . . .	011516	011516	011516	011516	011516	011516
40	Fuel Strainer Cover Gasket. . . . .	010529	010529	010529	010529	010529	010529
41	Fuel Strainer Cover . . . . .	014937	014937	014937	014937	014937	014937
42	* Fuel Strainer Cover Retaining Screw	010571	010571	010571	010571	010571	010571
43	Idle Mixture Screw. . . . .	014239	014239	015864	014239	014239	015864
44	* Idle Mixture Screw Spring . . . . .	011103	011103	011103	011103	011103	011103
45	Idle Mixture Screw Washer . . . . .	03114	03114	03114	03114	03114	03114
46	Idle Mixture Screw Packing. . . . .	010511	010511	010511	010511	010511	010511
47	* Idle Speed Screw. . . . .	05095	05095	015361	05095	05095	05095
49	* Idle Speed Screw Spring . . . . .	0788	0788	0788	0788	0788	0788
50	Idle Speed Screw Bracket. . . . .	014349	014349	----	----	----	----
53	Idle Speed Brkt Ret. Screw & Lkwshr (2) .	014142	014142	----	----	----	----
55	* Inlet Control Lever . . . . .	014020	014020	014020	014020	014020	014020
56	* Inlet Control Lever Fulcrum Pin . . . . .	013406	013406	013406	013406	013406	013406
57	* Inlet Control Lever Fulcrum Pin Screw . .	013269	013269	013269	013269	013269	013269
58	Inlet Needle, Seat & Gasket . . . . .	015596	015596	016153	015596	015596	015596
59	Inlet Screen. . . . .	015218	015218	015218	015218	015218	015218
60	Inlet Screen Ret. Spring. . . . .	015219	015219	015219	015219	015219	015219
61	Inlet Seat Gasket . . . . .	013744	013744	013744	013744	013744	013744
62	* Inlet Tension Spring. . . . .	011503	011503	011503	011503	011503	011503
63	Inlet Valve Gasket. . . . .	014646	014646	014646	014646	014646	014646
64	* Inlet Valve Diaphragm . . . . .	014647	014647	014647	014647	014647	014647
65	Inlet Valve Body & Strainer . . . . .	014648	014648	015188	014648	014648	014648
66	Inlet Valve Body Screw & Lkwshr (6) . . . .	014687	014687	014687	014687	014687	014687
67	High Speed Mixture Screw. . . . .	014247	----	014247	014247	014247	014247
68	High Speed Mixture Screw Gland. . . . .	----	----	013853	013853	013853	013853
69	High Speed Mixture Screw Gland Gasket . .	----	0676	0676	0676	0676	0676
70	High Speed Mixture Screw Gland Packing. .	010511	----	010511	010511	010511	010511
71	* High Speed Mixture Screw Spring . . . . .	011103	----	011103	011103	011103	011103
72	High Speed Mixture Screw Washer . . . . .	03114	03114	03114	03114	03114	03114
73	Lead Shot . . . . .	----	01449	----	----	01449	01449
74	Main Fuel Jet (.084). . . . .	----	014302	----	----	----	----
74	Main Fuel Jet (.089). . . . .	----	----	----	014993	014993	----
74	Main Fuel Jet (.096). . . . .	----	----	014920	----	----	----
74	Main Fuel Jet (.1015) . . . . .	----	----	----	----	----	015190
74A	Main Fuel Jet Gasket. . . . .	----	013683	013683	013683	013683	013683
76	Nozzle Check Valve. . . . .	014578	014578	----	014578	014578	----
77	Nozzle Check Valve Assembly . . . . .	----	----	016198	----	----	016198
81	Throttle Cable Bracket. . . . .	----	----	015336	014999	014999	014999
82	Throttle Cable Bracket Lockwasher (2) . . .	----	0992	0992	0992	0992	0992
83	Throttle Cable Bracket Ret. Screw (2) . . .	----	015754	015384	015384	015384	015384
84	Throttle Cable Clamp. . . . .	----	014925	014995	014995	014995	014995
85	Throttle Cable Clamp Ret. Screw . . . . .	----	014998	014998	014998	014998	014998
86	Throttle Cable Clamp Ret. Nut . . . . .	----	014997	014997	014997	014997	014997
87	Throttle Shaft & Lever. . . . .	014992	015375	015106	014992	014992	016460
88	Throttle Shaft Clip . . . . .	014118	014118	04118	014118	014118	014118
89	Throttle Shaft Clip Lockwasher. . . . .	0992	0992	0992	0992	0992	0992
90	Throttle Shaft Clip Retaining Screw . . . .	01974	01974	01974	01974	01974	01974
91	* Throttle Shaft Return Spring. . . . .	015988	015988	015988	014348	015988	015988
96	Throttle Shutter. . . . .	013745	013745	015984	013745	013745	015984
97	* Throttle Shutter Screw (2). . . . .	015912	015912	015912	015912	015912	015912
103	* Throttle Wire Retaining Screw . . . . .	055	055	055	055	055	055
	* Gasket Set. . . . .	GS-1HD	GS-1HD	GS-1HD	GS-1HD	GS-1HD	GS-3HD
	Repair Parts Kit. . . . .	RK-4HD	RK-4HD	RK-4HD	RK-1HD	RK-4HD	RK-6HD
	Diaphragm & Gasket Set. . . . .	DG-1HD	DG-1HD	DG-1HD	DG-1HD	DG-1HD	DG-1HD

(\* ) Indicates contents of Repair Parts Kit



Carburetor Model	Superseding Model	Equipment
HD-120A		Massey-Ferguson
HD-121A		Moto-Ski
HD-122A	HD-122B	Moto-Ski
HD-122B		Moto-Ski
HD-123A		Bombardier
HD-124A		Bombardier

Ref. No.	Part Name	HD-120A	HD-121A	HD-122A	HD-122B	HD-123A	HD-124A
7	Body Channel Plug Screw	014988	----	----	----	----	----
8	Body Channel Plug Screw	----	----	----	----	0244	----
9	Body Channel Welch Plug (2)	04326	04326	04326	04326	04326	04326
12	Choke Friction Ball	04784	04784	04784	04784	04784	04784
13	Choke Friction Spring	08805	08805	08805	08805	08805	08805
14	Choke Lever	----	----	015051(2)	015051(2)	----	----
15	Choke Lever Retaining Screw	----	----	0240(2)	0240(2)	----	----
18	Choke Shaft	----	----	016598	016598	016581	----
19	Choke Shaft & Lever	016522	014990	----	----	----	016036
22	Choke Shutter	016466	015010	015010	015010	015010	016466
23	Choke Shutter Screw (2)	015912	015912	015912	015912	015912	015912
27	* Choke Wire Retaining Screw	055	----	055(2)	055(2)	----	055
28	Diaphragm Gasket	014120	014120	014120	014120	014120	014120
29	* Diaphragm	014248	014248	014248	014248	014248	014248
30	Diaphragm Cover	015378	016376	016371	016371	014705	014705
34	Elbow Connector	015455	015455	015455	015455	----	016330
35	Flange Gasket	015953	014834	015194(2)	015194(2)	015194	016104(2)
36	Fuel Pump Gasket	014643	014643	014643	014643	014643	014643
37	* Fuel Pump Diaphragm	014644	014644	014644	014644	014644	014644
38	Fuel Pump Body	014645	014645	014645	014645	014645	014645
39	* Fuel Strainer Screen	011516	011516	011516	011516	011516	011516
40	Fuel Strainer Cover Gasket	010529	010529	010529	010529	010529	014804
41	Fuel Strainer Cover	014937	014937	014937	014937	014937	----
42	* Fuel Strainer Cover Retaining Screw	010571	010571	010571	010571	010571	----
43	Idle Mixture Screw	015864	014239	014239	014239	015864	015864
44	* Idle Mixture Screw Spring	011103	011103	011103	011103	011103	011103
45	Idle Mixture Screw Washer	03114	03114	03114	03114	03114	03114
46	Idle Mixture Screw Packing	010511	010511	010511	010511	010511	010511
47	* Idle Speed Screw	05095	05095	05095	05095	05095	05095
49	* Idle Speed Screw Spring	0788	0788	0788	0788	0788	0788
50	Idle Speed Screw Bracket	014349	----	014349	014349	----	----
53	Idle Speed Brkt Ret. Screw & Lkwsr (2)	014142	----	014142	014124	----	----
55	* Inlet Control Lever	014020	014020	014020	014020	013100	010513
56	* Inlet Control Lever Fulcrum Pin	013406	013406	013406	013406	013406	013406
57	* Inlet Control Lever Fulcrum Pin Screw	013269	013269	013269	013269	013269	013269
58	Inlet Needle, Seat & Gasket	015596	015596	015596	015596	014683	014632
59	Inlet Screen	015218	015218	015218	015218	015218	015218
60	Inlet Screen Ret. Spring	015219	015219	015219	015219	015219	015219
61	Inlet Seat Gasket	013744	013744	013744	013744	013744	013744
62	* Inlet Tension Spring	011503	011503	011503	011503	011503	011503
63	Inlet Valve Gasket	014646	014646	014646	014646	014646	014646
64	* Inlet Valve Diaphragm	014647	014647	014647	014647	014647	014647
65	Inlet Valve Body & Strainer	014648	014648	015188	015188	014648	015188
66	Inlet Valve Body Screw & Lkwsr (6)	014687	014687	014687	014687	014687	014687
67	High Speed Mixture Screw	014247	014247	014247	014247	014247	----
68	High Speed Mixture Screw Gland	013853	----	013853	013853	----	----
69	High Speed Mixture Screw Gland Gasket	0676	----	0676	0676	----	----
70	High Speed Mixture Screw Gland Packing	010511	010511	010511	010511	010511	----
71	* High Speed Mixture Screw Spring	011103	011103	011103	011103	011103	----
72	High Speed Mixture Screw Washer	03114	03114	03114	03114	03114	----
73	Lead Shot	01410	----	----	----	----	01449
74	Main Fuel Jet (.073)	----	----	----	----	----	016676
74	Main Fuel Jet (.076)	----	----	016290	016290	----	----
74	Main Fuel Jet (.096)	014920	----	----	----	----	----
74A	Main Fuel Jet Gasket	013683	----	013683	013683	----	013683
75	Main Fuel Jet Plug Screw	----	----	----	----	----	01102
76	Nozzle Check Valve	----	014578	014578	016586	014578	----
77	Nozzle Check Valve Assembly	016524	----	----	----	----	016675
80	Recirculator, Connector Elbow	----	----	----	----	016330	----
81	Throttle Cable Bracket	----	014999	----	----	016578	016332
82	Throttle Cable Bracket Lkwsr (2)	----	0992	----	----	0992	0992
83	Throttle Cable Brkt. Ret. Screw (2)	----	015384	----	----	015384	015384
84	Throttle Cable Clamp	----	014995	----	----	014995	014995
85	Throttle Cable Clamp Ret. Screw	----	014998	----	----	016322	016322
86	Throttle Cable Clamp Ret. Nut	----	014997	----	----	014997	014997
87	Throttle Shaft & Lever	016520	016546	016575	016575	016331	016614
88	Throttle Shaft Clip	014118	014118	014118	014118	014118	014118
89	Throttle Shaft Clip Lockwasher	0992	0992	0992	0992	0992	0992
90	Throttle Shaft Clip Retaining Screw	01974	01974	01974	01974	01974	01974
91	* Throttle Shaft Return Spring	015988	015988	015988	015988	015988	015988
96	Throttle Shutter	015984	013745	013745	013745	013745	015984
97	* Throttle Shutter Screw (2)	015912	015912	015912	015912	015912	015912
103	* Throttle Wire Retaining Screw	055	055	055	055	055	055
	* Gasket Set	GS-LHD	GS-LHD	GS-LHD	GS-LHD	GS-LHD	GS-3HD
	Repair Parts Kit	RK-4HD	RK-4HD	RK-4HD	RK-4HD	RK-7HD	RK-6HD
	Diaphragm & Gasket Set	DG-LHD	DG-LHD	DG-LHD	DG-LHD	DG-LHD	DG-LHD

(\*) Indicates contents of Repair Parts Kit



Carburetor Model	Superseding Model	Equipment
HD-126A		Moto-Ski
HD-127A		Mercury Marine
HD-128A		Bombardier
HD-129A	HD-129B	Outboard Marine
HD-129B	HD-129C	Outboard Marine
HD-129C		Outboard Marine

Ref. No.	Part Name	HD-126A	HD-127A	HD-128A	HD-129A	HD-129B	HD-129C
1	* Accelerator Pump Assembly	----	----	----	----	017112	017112
2	Accelerator Pump Lever	----	----	----	----	012761	012761
3	* Accelerator Pump Lever Screw	----	----	----	----	06393	06393
4	* Accelerator Pump Lever Lockwasher	----	----	----	----	06396	06396
7	Body Channel Plug Screw	----	014988	----	----	----	----
9	* Body Channel Welch Plug (2)	04326	04326	04326	04326	04326	04326
12	Choke Friction Ball	04784	04784	04784	04784	04784	04784
13	Choke Friction Spring	08805	08805	08805	08805	08805	08805
14	Choke Lever	----	015051	----	----	----	----
15	Choke Lever Ret. Screw	----	0240	----	----	----	----
16	Choke Relief Valve	----	----	----	----	013742	013742
17	* Choke Relief Valve Spring	----	----	----	----	013775	013775
18	Choke Shaft	----	016660	----	----	----	----
19	Choke Shaft & Lever	014990	----	016036	016954	016954	016954
22	Choke Shutter	015010	015010	015010	013741	013741	013741
23	Choke Shutter Screw (2)	015912	015912	015912	015912	015912	015912
27	* Choke Wire Ret. Screw	----	055	055	016956	016956	016956
28	Diaphragm Gasket	014120	014120	014120	014120	017110	017110
29	* Diaphragm	014248	014248	014248	014248	017109	017109
30	Diaphragm Cover	016376	016685	015941	014117	017118	017118
32	Diaphragm Cover Ret. Screw (6)	----	----	----	----	010278	010278
34	Elbow Connector	015455	016681	016330	----	017154	017154
35	Flange Gasket	014834	014834	015194	014834	014834	014834
36	Fuel Pump Gasket	014643	014643	014643	----	----	----
37	* Fuel Pump Diaphragm	014644	014644	014644	----	----	----
38	Fuel Pump Body	014645	014645	014645	----	----	----
39	* Fuel Strainer Screen	011516	011516	011516	----	----	----
40	Fuel Strainer Cover Gasket	010529	010529	014804	----	----	----
41	Fuel Strainer Cover	014937	014937	----	----	----	----
42	* Fuel Strainer Cover Ret. Screw	010571	010571	----	----	----	----
43	Idle Mixture Screw	014239	014239	015874	013772	014239	014239
44	* Idle Mixture Screw Spring	011103	011103	011103	011103	011103	011103
45	Idle Mixture Screw Washer	03114	03114	03114	03114	03114	03114
46	Idle Mixture Screw Packing	010511	010511	010511	010511	010511	010511
47	* Idle Speed Screw	05095	05095	05095	05095	05095	05095
49	* Idle Speed Screw Spring	0788	0788	0788	0788	0788	0788
50	Idle Speed Screw Bracket	----	014349	----	016831	016831	016831
53	Idle Speed Brkt Ret. Screw & Lkwshr (2)	----	014142	----	015384	015384	015384
55	* Inlet Control Lever	014020	014020	010513	010513	010513	010513
56	* Inlet Control Lever Fulcrum Pin	013406	013406	013406	013406	013406	013406
57	* Inlet Control Lever Fulcrum Pin Screw	013269	013269	013269	013269	013269	013269
58	Inlet Needle, Seat & Gasket	015596	015596	014632	014632	014632	014632
59	* Inlet Screen	015218	015218	015218	010301	010301	010301 (2)
60	Inlet Screen Ret. Spring	015219	015219	015219	----	----	----
61	Inlet Seat Gasket	013744	013744	013744	013744	013744	013744
62	* Inlet Tension Spring	011503	011503	011503	013434	013434	013434
63	Inlet Valve Gasket	014646	014646	014646	----	----	----
64	* Inlet Valve Diaphragm	014647	014647	014647	----	----	----
65	Inlet Valve Body & Strainer	014648	014648	015188	----	----	----
66	Inlet Valve Body Screw & Lkwshr (6)	014687	014687	014687	----	----	----
67	High Speed Mixture Screw	014247	----	----	014247	014247	014247
68	High Speed Mixture Screw Gland	013853	----	----	----	----	----
69	High Speed Mixture Screw Gland Gasket	0676	----	----	----	----	----
70	High Speed Mixture Screw Gland Packing	010511	----	----	010511	010511	010511
71	* High Speed Mixture Screw Spring	011103	----	----	011103	011103	011103
72	High Speed Mixture Screw Washer	03114	----	----	03114	03114	03114
74	Main Fuel Jet (.089)	014993	----	----	----	----	----
74	Main Fuel Jet (.056)	----	015338	----	----	----	----
74	Main Fuel Jet (.054)	----	----	016682	----	----	----
74A	Main Fuel Jet Gasket	013683	013683	013683	----	----	----
75	Main Fuel Jet Plug Screw	----	01102	01102	----	----	----
76	Nozzle Check Valve	014578	014578	014578	014578	014578	014578
81	Throttle Cable Bracket	014999	----	016683	----	----	----
82	Throttle Cable Bracket Lkwshr (2)	0992	----	0992	----	----	----
83	Throttle Cable Bracket Ret. Screw (2)	015384	----	015384	----	----	----
84	Throttle Cable Clamp	014995	----	014995	----	----	----
85	Throttle Cable Clamp Ret. Screw	014998	----	016322	----	----	----
86	Throttle Cable Clamp Ret. Nut	014997	----	014997	----	----	----
87	Throttle Shaft & Lever	016546	015375	016160	016952	017114	017114
88	Throttle Shaft Clip	014118	014118	014118	014118	014118	014118
89	Throttle Shaft Clip Lockwasher	0992	0992	0992	0992	0992	0992
90	Throttle Shaft Clip Ret. Screw	01974	01974	01974	01974	01974	01974
91	* Throttle Shaft Return Spring	015988	015988	015988	016955	016955	016955
96	Throttle Shutter	013745	013745	013745	013745	013745	013745
97	* Throttle Shutter Screw (2)	015912	015912	015912	015912	015912	015912
103	* Throttle Wire Retaining Screw	055	055	055	----	----	----
	* Gasket Set	GS-1HD	GS-1HD	GS-1HD	GS-1HD	GS-4HD	GS-4HD
	Repair Parts Kit	RK-4HD	RK-4HD	RK-7HD	RK-9HD	RK-11HD	RK-11HD
	Diaphragm & Gasket Set	DG-1HD	DG-1HD	DG-1HD	DG-1HD	DG-2HD	DG-2HD

(\*) Indicates contents of Repair Parts Kit





Carburetor Model	Superseding Model	Equipment
HD-130A	HD-130B	Outboard Marine
HD-130B	HD-130C	Outboard Marine
HD-130C		Outboard Marine
HD-131A		Bombardier
HD-132A		Sno-Jet
HD-133A		Bombardier
HD-134A		Bombardier

Ref. No.	Part Name	HD-130B					
		HD-130A	HD-130C	HD-131A	HD-132A	HD-133A	HD-134A
1	* Accelerator Pump Assembly	----	017112	----	----	----	----
2	Accelerator Pump Lever	----	012761	----	----	----	----
3	* Accelerator Pump Lever Screw	----	06393	----	----	----	----
4	* Accelerator Pump Lever Lockwasher	----	06396	----	----	----	----
7	Body Channel Plug Screw	----	----	----	014988	----	----
8	Body Channel Plug Screw	----	----	0244	----	----	----
9	* Body Channel Welch Plug (2)	04326	04326	04326	04326	04326	04326
12	Choke Friction Ball	04784	04784	----	04784	04784	04784
13	Choke Friction Spring	08805	08805	----	08805	08805	08805
16	Choke Relief Valve	----	013742	----	----	----	----
17	* Choke Relief Valve Spring	----	013775	----	----	----	----
18	Choke Shaft	----	----	----	016355	----	----
19	Choke Shaft & Lever	016954	016954	----	----	016036	016869
22	Choke Shutter	013741	013741	----	015010	016466	015010
23	Choke Shutter Screw (2)	015912	015912	----	015912	015912	015912
27	* Choke Wire Ret. Screw	016956	016956	----	----	055	055
28	Diaphragm Gasket	014120	017110	014120	014120	014120	014120
29	* Diaphragm	014248	017109	014248	014248	014248	014248
30	Diaphragm Cover	014117	017118	016292	015941	014705	014705
32	Diaphragm Cover Ret. Screw (6)	----	010278	----	----	----	----
34	Elbow Connector	----	017154	----	016330	016330	016330
35	Flange Gasket	014834	014834	016104	014834	016104	015194
36	Fuel Pump Gasket	----	----	014643	014643	014643	014643
37	* Fuel Pump Diaphragm	----	----	014644	014644	014644	014644
38	Fuel Pump Body	----	----	014645	014645	014645	014645
39	* Fuel Strainer Screen	----	----	011516	011516	011516	011516
40	Fuel Strainer Cover Gasket	----	----	010529	010529	014804	014804
41	Fuel Strainer Cover	----	----	014937	014937	----	----
42	* Fuel Strainer Cover Ret. Screw	----	----	010571	010571	----	----
43	Idle Mixture Screw	013772	013772	015864	014239	015864	015864
44	* Idle Mixture Screw Spring	011103	011103	011103	011103	011103	011103
45	Idle Mixture Screw Washer	03114	03114	03114	03114	03114	03114
46	Idle Mixture Screw Packing	010511	010511	010511	010511	010511	010511
47	* Idle Speed Screw	05095	05095	05095	05095	05095	05095
49	* Idle Speed Screw Spring	0788	0788	0788	0788	0788	0788
50	Idle Speed Screw Bracket	016831	016831	----	----	----	----
53	Idle Speed Brkt. Ret. Screw & Lkwsr (2)	015384	015384	----	----	----	----
55	* Inlet Control Lever	010513	010513	013100	014020	010513	014020
56	* Inlet Control Lever Fulcrum Pin	013406	013406	013406	013406	013406	013406
57	* Inlet Control Lever Fulcrum Pin Screw	013269	013269	013269	013269	013269	013269
58	Inlet Needle, Seat & Gasket	014632	014632	014632	015596	014632	015596
59	* Inlet Screen	010301	010301	010301	015218	015218	015218
60	Inlet Screen Ret. Spring	----	----	----	015219	015219	015219
61	Inlet Seat Gasket	013744	013744	013744	013744	013744	013744
62	* Inlet Tension Spring	013434	013434	011503	011503	011503	011503
63	Inlet Valve Gasket	----	----	014646	014646	014646	014646
64	* Inlet Valve Diaphragm	----	----	014647	014647	014647	014647
65	Inlet Valve Body & Strainer	----	----	015188	014643	015188	015188
66	Inlet Valve Body Screw & Lkwsr (6)	----	----	014687	014687	014687	014687
67	High Speed Mixture Screw	014247	014247	014247	014247	----	014247
68	High Speed Mixture Screw Gland	----	----	013853	013853	----	013853
69	High Speed Mixture Screw Gland Gasket	----	----	0676	0676	----	0676
70	High Speed Mixture Screw Gland Packing	010511	010511	010511	010511	----	010511
71	* High Speed Mixture Screw Spring	011103	011103	011103	011103	----	011103
72	High Speed Mixture Screw Washer	03114	03114	03114	03114	----	03114
73	Lead Shot	----	----	01449	----	01449	----
74	Main Fuel Jet (.096)	----	----	014920	----	----	014920
74	Main Fuel Jet (.089)	----	----	----	014993	----	----
74	Main Fuel Jet (.067)	----	----	----	----	016837	----
74A	Main Fuel Jet Gasket	----	----	013683	013683	013683	013683
75	Main Fuel Jet Plug Screw	----	----	----	----	01102	----
76	Nozzle Check Valve	014578	014578	----	014578	----	014578
77	Nozzle Check Valve Assembly	----	----	016720	----	016843	----
81	Throttle Cable Bracket	----	----	016578	014999	016332	016332
82	Throttle Cable Bracket Lockwasher (2)	----	----	0992	0992	0992	0992
83	Throttle Cable Bracket Ret. Screw (2)	----	----	015384	015384	015384	015384
84	Throttle Cable Clamp	----	----	014995	014995	014995	014995
85	Throttle Cable Clamp Ret. Screw	----	----	016322	014998	016322	016322
86	Throttle Cable Clamp Ret. Nut	----	----	014997	014997	014997	014997
87	Throttle Shaft & Lever	016952	017114	016233	016160	016614	016331
88	Throttle Shaft Clip	014118	014118	014118	014118	014118	014118
89	Throttle Shaft Clip Lockwasher	0992	0992	0992	0992	0992	0992
90	Throttle Shaft Clip Ret. Screw	01974	01974	01974	01974	01974	01974
91	* Throttle Shaft Return Spring	016955	016955	015988	015988	015988	015988
96	Throttle Shutter	013745	013745	015984	013745	015984	013745
97	* Throttle Shutter Screw (2)	015912	015912	015912	015912	015912	015912
103	* Throttle Wire Retaining Screw	----	----	055	055	055	055
	* Gasket Set	GS-1HD	GS-4HD	GS-3HD	GS-1HD	GS-3HD	GS-1HD
	* Repair Parts Kit	RK-9HD	RK-11HD	RK-5HD	RK-4HD	RK-6HD	RK-4HD
	* Diaphragm & Gasket Set	DG-1HD	DG-2HD	DG-1HD	DG-1HD	DG-1HD	DG-1HD

(\* ) Indicates contents of Repair Parts Kit





Carburetor Model      Superseding Model      Equipment

HD-135A		Alouette Recreational
HD-136A		Massey-Ferguson
HD-137A	HD-137B	Andrews Products
HD-137B		Andrews Products
HD-138A		Bombardier
HD-139A		Harley-Davidson

Ref. No.	Part Name	HD-135A	HD-136A	HD-137A	HD-137B	HD-138A	HD-139A
1	* Accelerator Pump Assembly	----	----	013785	013785	----	----
2	Accelerator Pump Lever	----	----	012761	012761	----	----
3	* Accelerator Pump Lever Screw	----	----	06393	06393	----	----
4	* Accelerator Pump Lever Lockwasher	----	----	06396	06396	----	----
5	* Body Channel Cup Plug (2)	----	----	010588	010588	----	----
7	Body Channel Plug Screw	----	----	----	----	----	014988
8	Body Channel Plug Screw	----	0244	----	----	----	----
9	* Body Channel Welch Plug (2)	04326	04326	04326	04326	04326	04326
11	* Body Channel Welch Plug (Choke)	----	----	03489	03489	----	----
12	Choke Friction Ball	04784	04784	04784	04784	04784	04784
13	Choke Friction Spring	08805	08805	08805	08805	08805	08805
14	Choke Lever	015051	015051	----	----	----	----
15	Choke Lever Ret. Screw	0240	0240	----	----	----	----
16	Choke Relief Valve	----	----	016897	016897	----	----
17	* Choke Relief Valve Spring	----	----	013775	013775	----	----
18	Choke Shaft	015052	016412	----	----	----	015052
19	Choke Shaft & Lever	----	----	014296	014296	016869	----
21	Choke Shaft Seal	----	----	09484	09484	----	----
22	Choke Shutter	015010	016466	013741	013741	016466	015010
23	Choke Shutter Screw (2)	015912	015912	08942	08942	015912	015912
24	Choke Wire Connection	----	----	014294	014294	----	----
25	Choke Wire Ret. Clip	----	----	010392	010392	----	----
26	Choke Wire Connection Washer	----	----	012174	012174	----	----
27	* Choke Wire Ret. Screw	055	055	012305	012305	055	----
28	Diaphragm Gasket	014120	014120	013731	013731	014120	014120
29	* Diaphragm	014248	014248	013709	013709	014248	014248
30	Diaphragm Cover	015941	016865	014871	014871	014705	015941
31	Diaphragm Cover Plug Screw	----	----	013771	013771	----	----
32	Diaphragm Cover Ret. Screw (6)	----	----	010278	010278	----	----
34	Elbow Connector	015455	----	----	----	016330	015455
35	Flange Gasket	014834	014834	----	----	016104	----
36	Fuel Pump Gasket	014643	014643	----	----	014643	014643
37	* Fuel Pump Diaphragm	014644	014644	----	----	014644	014644
38	Fuel Pump Body	014645	014645	----	----	014645	014645
39	* Fuel Strainer Screen	011516	011516	----	----	011516	011516
40	Fuel Strainer Cover Gasket	010529	010529	----	----	014804	010529
41	Fuel Strainer Cover	014937	014937	----	----	----	014937
42	* Fuel Strainer Cover Ret. Screw	010571	010571	----	----	----	010571
43	Idle Mixture Screw	014239	014239	016894	016894	015864	014239
44	* Idle Mixture Screw Spring	011103	011103	011103	011103	011103	011103
45	Idle Mixture Screw Washer	03114	03114	----	----	03114	03114
46	Idle Mixture Screw Packing	010511	010511	----	----	010511	010511
47	* Idle Speed Screw	05095	05095	012177	012177	05095	05095
48	Idle Speed Screw Cup	----	----	010050	010050	----	----
49	* Idle Speed Screw Spring	0788	0788	0788	0788	0788	0788
54	Idle Speed Screw Washer	----	----	04920	04920	----	----
55	* Inlet Control Lever	014020	014020	014020	014020	010513	014020
56	* Inlet Control Lever Fulcrum Pin	013406	013406	013406	013406	013406	013406
57	* Inlet Control Lever Fulcrum Pin Screw	013269	013269	013269	013269	013269	013269
58	Inlet Needle, Seat & Gasket	015596	015596	014853	014853	014632	015596
59	* Inlet Screen	015218	015218	010301(2)	010301(2)	015218	015218
60	Inlet Screen Ret. Spring	015219	015219	----	----	015219	015219
61	Inlet Seat Gasket	013744	013744	013744	013744	013744	013744
62	* Inlet Tension Spring	011503	011503	013434	013434	011503	011503
63	Inlet Valve Gasket	014646	014646	----	----	014646	014646
64	* Inlet Valve Diaphragm	014647	014647	----	----	014647	014647
65	Inlet Valve Body & Strainer	014648	014648	----	----	015188	014648
66	Inlet Valve Body Screw & Lkwshr (6)	014687	014687	----	----	014687	014687
67	High Speed Mixture Screw	014247	016911	013772	013772	014247	014247
68	High Speed Mixture Screw Gland	013853	----	----	----	013853	013853
69	High Speed Mixture Screw Gland Gasket	0676	----	----	----	0676	0676
70	High Speed Mixture Screw Gland Packing	010511	010511	010511	010511	010511	010511
71	* High Speed Mixture Screw Spring	011103	011103	011103	011103	011103	011103
72	High Speed Mixture Screw Washer	03114	03114	03114	03114	03114	03114
73	Lead Shot	----	----	01449	01449	01449	----
74	Main Fuel Jet (.060)	----	----	016618	016618	----	----
74	Main Fuel Jet (.0635)	----	----	----	----	----	016995
74	Main Fuel Jet (.081)	----	----	----	----	015192	----
74	Main Fuel Jet (.1015)	015190	----	----	----	----	----
74A	Main Fuel Jet Gasket	013683	----	013683	013683	013683	013683
75	Main Fuel Jet Plug Screw	----	----	01102	01102	----	----
76	Nozzle Check Valve	----	016909	----	----	----	014578
77	Nozzle Check Valve Assembly	----	----	016896	016896	016949	----
78	Pump Outlet Check Ball	----	----	05322	05322	----	----
79	Pump Outlet Check Ball Retainer	----	----	013737	013737	----	----

(\* ) Indicates contents of Repair Parts Kit



Carburetor Model	Superseding Model	Equipment
HD-135A		Alouette Recreational
HD-136A		Massey-Ferguson
HD-137A	HD-137B	Andrews Products
HD-137B		Andrews Products
HD-138A		Bombardier
HD-139A		Harley-Davidson

Ref. No.	Part Name	HD-135A	HD-136A	HD-137A	HD-137B	HD-138A	HD-139A
81	Throttle Cable Bracket	014999	016917	----	----	016578	015960
82	Throttle Cable Bracket Lkwshr (2)	0992	0992	----	----	0992	0992
83	Throttle Cable Bracket Ret. Screw (2)	015384	015384	----	----	015384	015384
84	Throttle Cable Clamp	014995	014995	----	----	014995	014995
85	Throttle Cable Clamp Ret. Screw	014998	016322	----	----	016322	014998
86	Throttle Cable Clamp Ret. Nut	014997	014997	----	----	014997	014997
87	Throttle Shaft & Lever	014992	016916	016892	016892	016614	015959
88	Throttle Shaft Clip	014118	014118	----	----	014118	014118
89	Throttle Shaft Clip Lockwasher	0992	0992	----	----	0992	0992
90	Throttle Shaft Clip Ret. Screw	01974	01974	----	----	01974	01974
91	* Throttle Shaft Return Spring	015988	016913	----	----	015988	014348
91A	* Throttle Shaft Compression Spring	----	----	013738	013738	----	----
92	Throttle Shaft Seal (2)	----	----	013740	013740	----	----
94	* Throttle Shaft Seal Washer (2)	----	----	013746	013746	----	----
96	Throttle Shutter	013745	013745	015984	015984	015984	013745
97	* Throttle Shutter Screw (2)	015912	015912	015912	015912	015912	015912
103	* Throttle Wire Retaining Screw	055	055	058	058	055	055
	* Gasket Set	GS-1HD	GS-1HD	GS-2HD	GS-2HD	GS-3HD	GS-1HD
	Repair Parts Kit	RR-4HD	RR-7HD	RR-3HD	RR-3HD	RR-6HD	RR-1HD
	Diaphragm & Gasket Set	DG-1HD	DG-1HD	DG-3HD	DG-3HD	DG-1HD	DG-1HD

(\*) Indicates contents of Repair Parts Kit



Carburetor Model      Superseding Model      Equipment

HD-140A. . . . .	Bombardier
HD-141A. . . . .	Harley Davidson
HD-142A. . . . .	Bombardier
HD-143A. . . . .	Air Cushion Vehicles
HD-144A. . . . .	Moto-Ski
HD-145A. . . . .	Bombardier

Ref. No.	Part Name	HD-140A	HD-141A	HD-142A	HD-143A	HD-144A	HD-145A
77	Auxiliary Nozzle. . . . .	----	----	----	----	016947	----
7	Body Channel Plug Screw . . . . .	----	----	----	----	----	----
8	Body Channel Plug Screw . . . . .	----	014988	----	----	----	----
9	* Body Channel Welch Plug (2) . . . . .	04326	04326	04326	04326	04326	04326
12	Choke Friction Ball . . . . .	04784	04784	04784	----	04784	04784
13	Choke Friction Spring . . . . .	08805	08805	08805	----	08805	08805
18	Choke Shaft . . . . .	----	015052	----	----	----	----
19	Choke Shaft & Lever . . . . .	016036	----	016036	----	016869	016869
22	Choke Shutter . . . . .	015010	015010	015010	----	016466	015010
23	Choke Shutter Screw (2) . . . . .	015912	015912	015912	----	015912	015912
27	* Choke Wire Retaining Screw. . . . .	055	----	055	----	055	055
28	Diaphragm Gasket. . . . .	014120	014120	014120	014120	014120	014120
29	* Diaphragm . . . . .	014248	014248	014248	014248	014248	014248
30	Diaphragm Cover . . . . .	015941	015941	015941	015941	014705	014705
34	Elbow Connector . . . . .	016330	015455	016330	----	016330	016330
35	Flange Gasket . . . . .	015194 (2)	----	015194 (2)	016104	016104 (3)	015194 (2)
36	Fuel Pump Gasket. . . . .	014643	014643	014643	014643	014643	014643
37	* Fuel Pump Diaphragm . . . . .	014644	014644	014644	014644	014644	014644
38	Fuel Pump Body. . . . .	014645	014645	014645	014645	014645	014645
39	* Fuel Strainer Screen. . . . .	011516	011516	011516	011516	011516	011516
40	Fuel Strainer Cover Gasket. . . . .	014804	010529	014804	010529	014804	014804
41	Fuel Strainer Cover . . . . .	----	014937	----	014937	----	----
42	* Fuel Strainer Cover Retaining Screw . . . . .	----	010571	----	010571	----	----
43	Idle Mixture Screw. . . . .	015864	014239	015864	015864	015864	015864
44	* Idle Mixture Screw Spring . . . . .	011103	011103	011103	011103	011103	011103
45	Idle Mixture Screw Washer . . . . .	03114	03114	03114	03114	03114	03114
46	Idle Mixture Screw Packing. . . . .	010511	010511	010511	010511	010511	010511
47	* Idle Speed Screw. . . . .	05095	05095	05095	05095	05095	05095
49	* Idle Speed Screw Spring . . . . .	0788	0788	0788	0788	0788	0788
55	* Inlet Control Lever . . . . .	010513	014020	010513	014020	010513	014020
56	* Inlet Control Lever Fulcrum Pin . . . . .	013406	013406	013406	013406	013406	013406
57	* Inlet Control Lever Fulcrum Pin Screw . . . . .	013269	013269	013269	013269	013269	013269
58	Inlet Needle, Seat & Gasket . . . . .	014632	015596	014632	015596	014632	015596
59	Inlet Screen. . . . .	015218	015218	015218	015218	015218	015218
60	Inlet Screen Ret. Spring. . . . .	015219	015219	015219	015219	015219	015219
61	Inlet Seat Gasket . . . . .	013744	013744	013744	013744	013744	013744
62	* Inlet Tension Spring. . . . .	011503	011503	011503	011503	011503	011503
63	Inlet Valve Gasket. . . . .	014646	014646	014646	014646	014646	014646
64	* Inlet Valve Diaphragm . . . . .	014647	014647	014647	014647	014647	014647
65	Inlet Valve Body & Strainer . . . . .	015188	014648	015188	015188	015188	015188
66	Inlet Valve Body Screw & Lkwsr (6) . . . . .	014687	014687	014687	014687	014687	014687
67	High Speed Mixture Screw. . . . .	----	014247	----	014247	----	----
68	High Speed Mixture Screw Gland. . . . .	----	013853	----	----	013853	013853
69	High Speed Mixture Screw Gland Gasket . . . . .	----	0676	----	----	0676	0676
70	High Speed Mixture Screw Gland Packing. . . . .	----	010511	----	010511	010511	010511
71	* High Speed Mixture Screw Spring . . . . .	----	011103	----	011103	011103	011103
72	High Speed Mixture Screw Washer . . . . .	----	03114 (2)	----	03114	03114	03114
73	Lead Shot . . . . .	----	----	----	01449	----	----
74	Main Fuel Jet (.058). . . . .	015430	----	015430	----	----	----
74	Main Fuel Jet (.0635) . . . . .	----	016995	----	----	----	----
74	Main Fuel Jet (.081). . . . .	----	----	----	----	015192	----
74	Main Fuel Jet (.096). . . . .	----	----	----	----	----	014920
74A	Main Fuel Jet Gasket. . . . .	013683	013683	013683	----	013683	013683
75	Main Fuel Jet Plug Screw. . . . .	01102	01102	01102	----	----	----
76	Nozzle Check Valve. . . . .	014578	014578	014578	----	----	014578
77	Nozzle Check Valve Assembly . . . . .	----	----	----	016198	016949	----
81	Throttle Cable Bracket. . . . .	016332	015960	016332	014999	016683	016683
82	Throttle Cable Bracket Lkwsr (2) . . . . .	0992	0992	0992	0992	0992	0992
83	Throttle Cable Bracket Ret. Screw (2) . . . . .	015384	015384	015384	015384	015384	015384
84	Throttle Cable Clamp. . . . .	014995	014995	014995	014995	014995	014995
85	Throttle Cable Clamp Ret. Screw . . . . .	016322	014998	016322	014998	016322	016322
86	Throttle Cable Clamp Ret. Nut . . . . .	014997	014997	014997	014997	014997	014997
87	Throttle Shaft & Lever. . . . .	016331	015959	016331	015987	017256	017273
88	Throttle Shaft Clip . . . . .	014118	014118	014118	014118	014118	014118
89	Throttle Shaft Clip Lockwasher. . . . .	0992	0992	0992	0992	0992	0992
90	Throttle Shaft Clip Retaining Screw . . . . .	01974	01974	01974	01974	01974	01974
91	* Throttle Shaft Return Spring. . . . .	015988	014348	015988	015988	015988	015988
92A	Throttle Shaft Seal (Small) . . . . .	----	015954	----	----	----	----
93	Throttle Shaft Seal (Large) . . . . .	----	015955	----	----	----	----
96	Throttle Shutter. . . . .	013745	013745	013745	015984	015984	013745
97	* Throttle Shutter Screw (2). . . . .	015912	08942	015912	015912	015912	015912
103	* Throttle Wire Retaining Screw . . . . .	055	055	055	055	055	055
	* Gasket Set. . . . .	GS-LHD	GS-LHD	GS-LHD	GS-LHD	GS-3HD	GS-LHD
	Repair Parts Kit. . . . .	RK-7HD	RK-LHD	RK-7HD	RK-6HD	RK-6HD	RK-4HD
	Diaphragm & Gasket Set. . . . .	DG-LHD	DG-LHD	DG-LHD	DG-LHD	DG-LHD	DG-LHD

(\* ) Indicates contents of Repair Parts Kit







