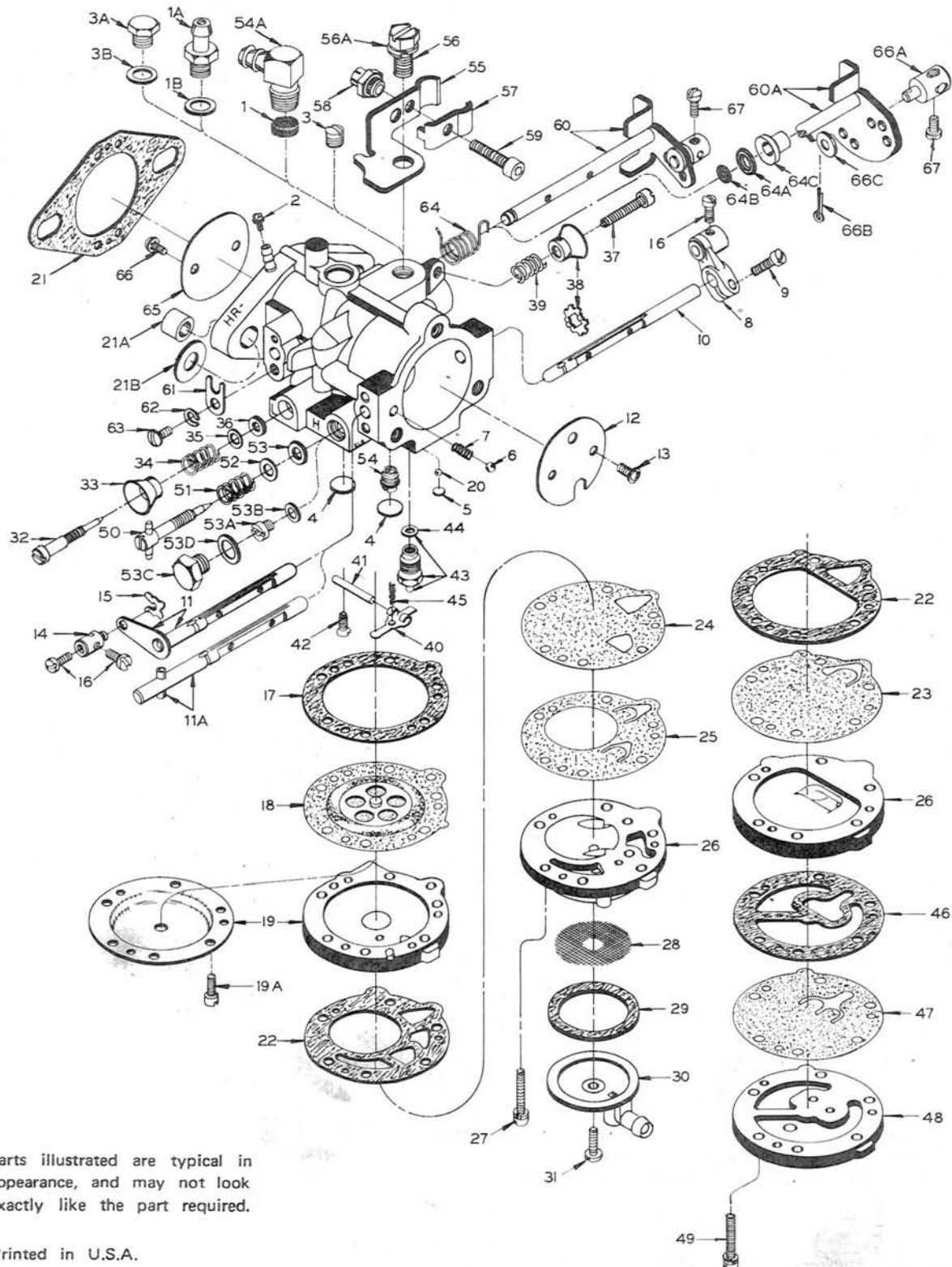




HR Series PARTS LIST SECTION

Illustrations of Basic Parts standard throughout HR Series Carburetor. For individual model listings see following page.



Parts illustrated are typical in appearance, and may not look exactly like the part required.

Printed in U.S.A.

Tillotson Carburetors

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

BORG WARNER Transportation Equipment

Form S-1011



BASIC PARTS ILLUSTRATIONS: See front cover for illustrations corresponding to reference numbers in list below.

Carburetor Model	Superseding Model	Equipment
HR-1A.		Bombardier, Bombardier-Rotax
HR-2A.	HR-2B.	AMF, Arctic, Featherweight, Fox, Larson, Polaris, Rockwell, Scorpion, Silverline
HR-2B.		C.E.Erickson, Polaris
HR-3A.	HR-3B.	AMF, Arctic, Boatel, Bolens Hus-Ski, Fichtel & Sachs, Laurentide, Lionel, Moto-Ski, Polaris, Rupp, Scorpion, Sno-Jet, Trade Winds
HR-3B.		AMF, Polaris

Ref. No.	Part Name	HR-1A	HR-2A	HR-2B	HR-3A	HR-3B
4	*Body Channel Welch Plug (2).	02531	02531	02531	02531	02531
5	*Body Channel Welch Plug.	----	013737	013737	013737	013737
6	Choke Friction Ball.	04784	04784	04784	04784	04784
7	Choke Friction Spring.	08805	08805	08805	08805	08805
11	Choke Shaft & Lever.	014328	014359	014359	014359	014359
12	Choke Shutter.	014325	014356	014621	014356	014621
13	Choke Shutter Screw & Lockwasher (2).	08942	08942	08942	08942	08942
14	Choke Wire Connection.	----	010393	010393	010393	010393
15	Choke Wire Connection Ret. Clip.	----	010392	010392	010392	010392
16	*Choke Wire Ret. Screw.	----	058	058	058	058
17	Diaphragm Gasket.	012473	012473	012473	012473	012473
18	*Diaphragm.	012475	012475	012475	012475	012475
19	Diaphragm Cover.	013228	013228	013228	014402	014402
20	Economiser Check Ball.	----	05322	05322	05322	05322
21	Flange Gasket.	014319	014319	014319	014319	014319
22	Fuel Pump Gasket.	012930	012930	012930	012930	012930
24	*Fuel Pump Diaphragm (Pulse).	014230	014230	014230	014230	014230
25	*Fuel Pump Diaphragm (Valve).	014229	014229	014229	014229	014229
26	Fuel Pump Body.	013335	013335	013335	013335	013335
27	Fuel Pump Body Screw & Lockwasher (6).	010098	010098	010098	010098	010098
28	*Fuel Strainer Screen.	010530	011516	011516	011516	011516
29	Fuel Strainer Cover Gasket.	010529	010529	010529	010529	010529
30	Fuel Strainer Cover.	010527	010527	010527	010527	010527
31	*Fuel Strainer Cover Ret. Screw.	010571	010571	010571	010571	010571
32	Idle Mixture Screw.	014321	014321	014321	014321	014321
34	*Idle Mixture Screw Spring.	08793	08793	08793	08793	08793
35	Idle Mixture Screw Washer.	011428	011428	011428	011428	011428
36	Idle Mixture Screw Packing.	011401	011401	011401	011401	011401
37	*Idle Speed Screw.	011811	014326	014326	014326	014326
38	Idle Speed Screw Cup.	014478	----	----	----	----
39	*Idle Speed Screw Spring.	0788	0788	0788	0788	0788
40	*Inlet Control Lever.	010513	010513	010513	010513	010513
41	*Inlet Control Lever Fulcrum Pin.	013406	013406	013406	013406	013406
42	*Inlet Control Lever Fulcrum Pin Ret. Screw.	013269	013269	013269	013269	013269
43	Inlet Needle, Seat & Gasket.	013546	013546	014602	013546	014602
44	Inlet Seat Gasket.	010165	010165	010165	010165	010165
45	*Inlet Tension Spring.	013434	013434	013434	013434	013434
50	High Speed Mixture Screw.	014323	014323	014323	014323	014323
51	*High Speed Mixture Screw Spring.	011103	011103	011103	011103	011103
52	High Speed Mixture Screw Washer.	03114	03114	03114	03114	03114
53	High Speed Mixture Screw Packing.	010511	010511	010511	010511	010511
54	*Nozzle Check Valve.	014334	014334	014334	014334	014334
60	Throttle Shaft & Lever.	014332	014361	014361	014361	014361
61	Throttle Shaft Clip.	09678	09678	09678	09678	09678
62	Throttle Shaft Clip Lockwasher.	0992	0992	0992	0992	0992
63	Throttle Shaft Clip Ret. Screw.	01974	01974	01974	01974	01974
64	*Throttle Shaft Return Spring.	014324	014324	014324	014324	014324
65	Throttle Shutter.	014320	014320	014320	014320	014320
66	*Throttle Shutter Screw & Lockwasher (2).	015912	015912	015912	015912	015912
67	*Throttle Wire Ret. Screw.	012305	058	058	058	058
	*Gasket & Packing Set.	GS-1HR	GS-1HR	GS-1HR	GS-1HR	GS-1HR
	Repair Parts Kit.	RK-1HR	RK-1HR	RK-1HR	RK-1HR	RK-1HR
	Diaphragm & Gasket Set.	DG-1HR	DG-1HR	DG-1HR	DG-1HR	DG-1HR

(*) Indicates contents of Repair Parts Kit



BASIC PARTS ILLUSTRATIONS: See front cover for illustrations corresponding to reference numbers in list below.

Carburetor Model	Superseding Model	Equipment
#HR-4A.		Bombardier
HR-5A.		Rockwell
HR-6A.		Bolens Hus-Ski
HR-7A.		Bombardier
HR-8A.	HR-18A	Allied Farm, AMF, Beehoo Engr., Boatel, Eagle Tie, Feb-Weld, Featherweight, Fichtel & Sachs, Fox, Lionel, Morin & Frere, Moto-Ski, Original Equip., Polaris, Rupp, Scorpion, Skiroule, Sno-Jet, Trade Winds, S. E. Woods
HR-9A.		AMF, Fox

Ref. No.	Part Name	HR-4A	HR-5A	HR-6A	HR-7A	HR-8A	HR-9A
4	* Body Channel Welch Plug (2)	02531	02531	02531	02531	02531	02531
5	* Body Channel Welch Plug.	----	013737	013737	----	013737	013737
6	Choke Friction Ball.	04784	04784	04784	04784	04784	04784
7	Choke Friction Spring.	08805	08805	08805	08805	08805	08805
11	Choke Shaft & Lever.	014328	014359	014583	014328	014359	014359
12	Choke Shutter.	014325	014621	014356	014325	014621	014621
13	Choke Shutter Screw & Lockwasher (2)	08942	08942	08942	08942	08942	08942
14	Choke Wire Connection.	----	010393	012406	----	010393	010393
15	Choke Wire Connection Ret. Clip.	----	010392	010392	----	010392	010392
16	* Choke Wire Ret. Screw.	----	058	058	----	058	058
17	Diaphragm Gasket	012473	012473	012473	012473	012473	012473
18	* Diaphragm.	012475	012475	012475	012475	012475	012475
19	Diaphragm Cover.	013228	013228	014584	013228	014402	013228
20	Economiser Check Ball.	----	05322	05322	----	05322	05322
21	Flange Gasket.	014319	014319	014319	014319(3)	014319	014319
22	Fuel Pump Gasket	012930	012930	012930	012930	012930	012930
24	* Fuel Pump Diaphragm (Pulse).	014230	014230	014230	014230	014230	014230
25	* Fuel Pump Diaphragm (Valve).	014229	014229	014229	014229	014229	014229
26	Fuel Pump Body	013335	013335	013335	013335	013335	013335
27	Fuel Pump Body Screw & Lockwasher (6)	010098	010098	010098	010098	010098	010098
28	* Fuel Strainer Screen	010530	011516	011516	011516	011516	011516
29	Fuel Strainer Cover Gasket	010529	010529	010529	010529	010529	010529
30	Fuel Strainer Cover.	010527	010527	010527	014937	010527	010527
31	* Fuel Strainer Cover Ret. Screw	010571	010571	010571	010571	010571	010571
32	Idle Mixture Screw	014321	014321	014321	014321	014321	014321
34	* Idle Mixture Screw Spring.	08793	08793	08793	08793	08793	08793
35	Idle Mixture Screw Washer.	011428	011428	011428	011428	011428	011428
36	Idle Mixture Screw Packing	011401	011401	011401	011401	011401	011401
37	* Idle Speed Screw	011811	014326	014326	011811	014326	014326
38	Idle Speed Screw Cup	014478	----	----	014478	----	----
39	* Idle Speed Screw Spring.	0788	0788	0788	0788	0788	0788
40	* Inlet Control Lever.	010513	010513	010513	010513	010513	010513
41	* Inlet Control Lever Fulcrum Pin.	013406	013406	013406	013406	013406	013406
42	* Inlet Control Lever Fulcrum Pin Ret. Screw	013269	013269	013269	013269	013269	013269
43	Inlet Needle, Seat & Gasket.	013546	013546	013546	014602	014602	014602
44	Inlet Seat Gasket.	010165	010165	010165	010165	010165	010165
45	* Inlet Tension Spring	013434	013434	013434	011503	013434	013434
50	High Speed Mixture Screw	014323	014499	014323	014323	014499	014499
51	* High Speed Mixture Screw Spring.	011103	011103	011103	011103	011103	011103
52	High Speed Mixture Screw Washer.	03114	03114	03114	03114	03114	03114
53	High Speed Mixture Screw Packing	010511	010511	010511	010511	010511	010511
54	* Nozzle Check Valve	014334	014334	014334	014334	014334	014334
60	Throttle Shaft & Lever	014332	014361	014361	014332	014361	014361
61	Throttle Shaft Clip.	09678	09678	09678	09678	09678	09678
62	Throttle Shaft Clip Lockwasher	0992	0992	0992	0992	0992	0992
63	Throttle Shaft Clip Ret. Screw	01974	01974	01974	01974	01974	01974
64	* Throttle Shaft Return Spring	014324	014324	014324	014324	014324	014324
65	Throttle Shutter	014320	014320	014320	014320	014320	014320
66	* Throttle Shutter Screw & Lockwasher (2)	015912	015912	015912	015912	015912	015912
67	* Throttle Wire Ret. Screw	012305	058	058	012305	058	058
	* Gasket & Packing Set	GS-1HR	GS-1HR	GS-1HR	GS-1HR	GS-1HR	GS-1HR
	Repair Parts Kit.	RK-1HR	RK-1HR	RK-1HR	RK-1HR	RK-1HR	RK-1HR
	Diaphragm & Gasket Set.	DG-1HR	DG-1HR	DG-1HR	DG-1HR	DG-1HR	DG-1HR

(#) Obtain complete HR-4A from Bombardier Snowmobile, Ltd., Valcourt, Quebec, Canada

(*) Indicates contents of Repair Parts Kit



BASIC PARTS ILLUSTRATIONS: See front cover for illustrations corresponding to reference numbers in list below.

Carburetor Model	Superseding Model	Equipment
HR-10A		.Rotax
HR-11A		.Valmet Oy
HR-12A		.Arctic, Scorpion
HR-13A		.Moto-Ski
HR-14A		.Bolens Hus-Ski
HR-15A		.Bombardier

Ref. No.	Part Name	HR-10A	HR-11A	HR-12A	HR-13A	HR-14A	HR-15A
4	* Body Channel Welch Plug (2)	02531	02531	02531	02531	02531	02531
5	* Body Channel Welch Plug	----	013737	013737	013737	013737	----
6	Choke Friction Ball	04784	04784	04784	04784	04784	04784
7	Choke Friction Spring	08805	08805	08805	08805	08805	08805
11	Choke Shaft & Lever	014328	014359	014717	014359	014583	014912
12	Choke Shutter	014325	014356	014621	014621	014621	014325
13	Choke Shutter Screw & Lockwasher (2)	08942	08942	015912	08942	08942	08942
14	Choke Wire Connection	----	010393	010393	010393	012406	----
15	Choke Wire Connection Ret. Clip	----	010392	010392	010392	010392	----
16	* Choke Wire Ret. Screw	----	058	058	058	058	----
17	Diaphragm Gasket	012473	012473	012473	012473	012473	012473
18	* Diaphragm	012475	012475	012475	012475	012475	012475
19	Diaphragm Cover	013228	014402	014402	014402	014584	013228
20	Economiser Check Ball	----	05322	05322	05322	05322	----
21	Flange Gasket	014319	014319	014319	014319	014319	014319(2)
22	Fuel Pump Gasket	012930	012930	012930	012930	012930	012930
24	* Fuel Pump Diaphragm (Pulse)	014230	014230	014230	014230	014230	014230
25	* Fuel Pump Diaphragm (Valve)	014229	014229	014229	014229	014229	014229
26	Fuel Pump Body	013335	013335	013335	013335	013335	013335
27	Fuel Pump Body Screw & Lockwasher (6)	010098	010098	010098	010098	010098	010098
28	* Fuel Strainer Screen	010530	011516	011516	011516	011516	010530
29	Fuel Strainer Cover Gasket	010529	010529	010529	010529	010529	010529
30	Fuel Strainer Cover	010527	010527	010527	010527	010527	010527
31	* Fuel Strainer Cover Ret. Screw	010571	010571	010571	010571	010571	010571
32	Idle Mixture Screw	014321	014321	014321	014321	014321	014321
34	* Idle Mixture Screw Spring	08793	08793	08793	08793	08793	08793
35	Idle Mixture Screw Washer	011428	011428	011428	011428	011428	011428
36	Idle Mixture Screw Packing	011401	011401	011401	011401	011401	011401
37	* Idle Speed Screw	011811	014326	014326	014326	014326	011811
38	Idle Speed Screw Cup	014478	----	----	----	----	014478
39	* Idle Speed Screw Spring	0788	0788	0788	0788	0788	0788
40	* Inlet Control Lever	010513	010513	010513	010513	010513	010513
41	* Inlet Control Lever Fulcrum Pin	013406	013406	013406	013406	013406	013406
42	* Inlet Control Lever Fulcrum Pin Ret. Screw	013269	013269	013269	013269	013269	013269
43	Inlet Needle, Seat & Gasket	014602	014602	014602	014602	014602	014602
44	Inlet Seat Gasket	010165	010165	010165	010165	010165	010165
45	* Inlet Tension Spring	011503	013434	013434	013434	013434	011503
50	High Speed Mixture Screw	014323	014323	014499	014499	014499	014323
51	* High Speed Mixture Screw Spring	011103	011103	011103	011103	011103	011103
52	High Speed Mixture Screw Washer	03114	03114	03114	03114	03114	03114
53	High Speed Mixture Screw Packing	010511	010511	010511	010511	010511	010511
54	* Nozzle Check Valve	014334	014334	014334	014334	014334	014334
60	Throttle Shaft & Lever	014332	014361	014361	014361	014361	014332
61	Throttle Shaft Clip	09678	09678	09678	09678	09678	09678
62	Throttle Shaft Clip Lockwasher	0992	0992	0992	0992	0992	0992
63	Throttle Shaft Clip Ret. Screw	01974	01974	01974	01974	01974	01974
64	* Throttle Shaft Return Spring	014324	014324	014324	014324	014324	014324
65	Throttle Shutter	014320	014320	014320	014320	014320	014320
66	* Throttle Shutter Screw & Lockwasher (2)	015912	015912	015912	015912	015912	015912
67	* Throttle Wire Ret. Screw	012305	058	058	058	058	012305
	* Gasket & Packing Set	GS-1HR	GS-1HR	GS-1HR	GS-1HR	GS-1HR	GS-1HR
	Repair Parts Kit	RK-1HR	RK-1HR	RK-1HR	RK-1HR	RK-1HR	RK-1HR
	Diaphragm & Gasket Set	DG-1HR	DG-1HR	DG-1HR	DG-1HR	DG-1HR	DG-1HR

(*) Indicates contents of Repair Parts Kit



BASIC PARTS ILLUSTRATIONS: See front cover for illustrations corresponding to reference numbers in list below.

Carburetor Model	Superseding Model	Equipment
HR-16AX		.Moto-Ski
HR-16B		.Bombardier
HR-17A	HR-17C	.Bombardier
HR-17B	HR-17C	.Bombardier, Bombardier Rotax
HR-17C		.Bombardier, Bombardier Rotax

Ref. No.	Part Name	HR-16AX	HR-16B	HR-17A	HR-17B	HR-17C
4	* Body Channel Welch Plug (2)	02531	02531	02531	02531	02531
6	Choke Friction Ball	04784	04784	04784	04784	04784
7	Choke Friction Spring	08805	08805	08805	08805	08805
11	Choke Shaft & Lever	014966	014966	014966	014966	014966
12	Choke Shutter	014962	014962	014962	014962	014962
13	Choke Shutter Screw & Lockwasher (2)	015912	015912	015912	015912	015912
17	Diaphragm Gasket	012473	012473	012473	012473	012473
18	* Diaphragm	012475	012475	012475	012475	012475
19	Diaphragm Cover	015080	014877	014877	014877	014877
21	Flange Gasket	014319	014319(2)	014319(2)	014319(3)	014319(2)
22	Fuel Pump Gasket	014881	014881	014881	014881	014881
23	* Fuel Pump Diaphragm	014880	014880	014880	014880	014880
26	Fuel Pump Body	014878	014878	014878	014878	014878
28	* Fuel Strainer Screen	011516	011516	----	011516	011516
29	Fuel Strainer Cover Gasket	010529	010529	014804	010529	014804
30	Fuel Strainer Cover	014937	014937	----	014937	----
31	* Fuel Strainer Cover Ret. Screw	010571	010571	----	010571	----
32	Idle Mixture Screw	014971	014971	014971	014971	014971
34	* Idle Mixture Screw Spring	08793	08793	08793	08793	08793
35	Idle Mixture Screw Washer	011428	011428	011428	011428	011428
36	Idle Mixture Screw Packing	011401	011401	011401	011401	011401
37	* Idle Speed Screw	011811	011811	011811	011811	011811
38	Idle Speed Screw Cup	014478	014478	014478	014478	014478
39	* Idle Speed Screw Spring	0788	0788	0788	0788	0788
40	* Inlet Control Lever	010513	010513	010513	010513	010513
41	* Inlet Control Lever Fulcrum Pin	013406	013406	013406	013406	013406
42	* Inlet Control Lever Fulcrum Pin Ret. Screw	013269	013269	013269	013269	013269
43	Inlet Needle, Seat & Gasket	014602	014602	014602	014602	014602
44	Inlet Seat Gasket	010165	010165	010165	010165	010165
45	* Inlet Tension Spring	011503	011503	011503	011503	011503
46	Inlet Valve Gasket	014884	014884	014884	014884	014884
47	* Inlet Valve Diaphragm	014883	014883	014883	014883	014883
48	Inlet Valve Body	014879	014879	014879	014879	014879
49	Inlet Valve Body Ret. Screw (6)	014882	014882	014882	014882	014882
50	High Speed Mixture Screw	014964	014964	014323	014323	014964
51	* High Speed Mixture Screw Spring	011103	011103	011103	011103	011103
52	High Speed Mixture Screw Washer	03114	03114	03114	03114	03114
53	High Speed Mixture Screw Packing	010511	010511	010511	010511	010511
54	* Nozzle Check Valve	014334	014334	014334	014334	014334
60	Throttle Shaft & Lever	014969	015340	014969	014969	015340
61	Throttle Shaft Clip	09678	09678	09678	09678	09678
62	Throttle Shaft Clip Lockwasher	0992	0992	0992	0992	0992
63	Throttle Shaft Clip Ret. Screw	01974	01974	01974	01974	01974
64	* Throttle Shaft Return Spring	014324	014324	014324	014324	014324
65	Throttle Shutter	014961	014961	014961	014961	014961
66	* Throttle Shutter Screw & Lockwasher (2)	015912	015912	015912	015912	015912
67	* Throttle Wire Ret. Screw	012305	055	012305	012305	055
	* Gasket & Packing Set	GS-1HR	GS-1HR	GS-1HR	GS-1HR	GS-1HR
	Repair Parts Kit	RK-2HR	RK-2HR	RK-2HR	RK-2HR	RK-2HR
	Diaphragm & Gasket Set	DG-1HR	DG-1HR	DG-1HR	DG-1HR	DG-1HR

(*) Indicates contents of Repair Parts Kit



BASIC PARTS ILLUSTRATIONS: See front cover for illustrations corresponding to reference numbers in list below.

Carburetor Model	Superseding Model	Equipment
HR-18A		Allied Farm, Arctic, Auto-Ski, Autotechnic, Boa-Ski, Boatel, Eskimo, Fichtel & Sachs, Fox, Lionel, Moto-Ski, Norway Snowmobiles, Original Equip., Rockwell, Rupp, Scorpion, Skiroule, Sno-Jet, Tal-Ko, Trade Winds
HR-19A		All Terrain, Autotechnic, Fox, FTS, Northway Snowmobiles, Peerless Welders, Polaris, Rupp, Scorpion, Sno-Jet, Solo Motors, Sports Power
HR-20A		AMF, Eagle Tie, Fox, Mallard Coach, Trade Winds
HR-21A		All Terrain, Fox
HR-22A		Arctic, Erickson, Kohler, Kohler of Canada, Powered Prod.
HR-23A		Frederick-Willys

Ref. No.	Part Name	HR-18A	HR-19A	HR-20A	HR-21A	HR-22A	HR-23A
2	Body Channel Plug Screw	014988	014988	014988	014988	014988	014988
3	Body Channel Plug Screw	015100	----	015100	----	015100	----
4	*Body Channel Welch Plug (2)	02531	02531	02531	02531	02531	02531
5	*Body Channel Welch Plug	013737	013737	013737	013737	----	----
6	Choke Friction Ball	04784	04784	04784	04784	04784	04784
7	Choke Friction Spring	08805	08805	08805	08805	08805	08805
8	Choke Lever Assembly	----	----	----	----	015037	015037
9	Choke Lever Ret. Screw	----	----	----	----	0240	0240
10	Choke Shaft	----	----	----	----	015034	015034
11	Choke Shaft & Lever	015003	015003	015003	015003	----	----
12	Choke Shutter	014621	014621	014621	014621	014621	014621
13	Choke Shutter Screw & Lockwasher (2)	015912	015912	015912	015912	08942	08942
16	*Choke Wire Ret. Screw	055	055	055	055	055	055
17	Diaphragm Gasket	012473	012473	012473	012473	012473	012473
18	*Diaphragm	012475	012475	012475	012475	012475	012475
19	Diaphragm Cover	014402	014402	013228	013228	014584	014584
20	Economiser Check Ball	05322	05322	05322	05322	----	----
21	Flange Gasket	014319	014319	014319	014319	014319	014319
22	Fuel Pump Gasket	012930	012930	012930	012930	012930	012930
24	*Fuel Pump Diaphragm (Pulse)	014230	014230	014230	014230	014230	014230
25	*Fuel Pump Diaphragm (Valve)	014229	014229	014229	014229	014229	014229
26	Fuel Pump Body	013335	013335	013335	013335	013335	013335
27	Fuel Pump Body Screw & Lockwasher (6)	010098	010098	010098	010098	010098	010098
28	*Fuel Strainer Screen	011516	011516	011516	011516	011516	011516
29	Fuel Strainer Cover Gasket	010529	010529	010529	010529	010529	010529
30	Fuel Strainer Cover	014937	014937	014937	014937	014937	014937
31	*Fuel Strainer Cover Ret. Screw	010571	010571	010571	010571	010571	010571
32	Idle Mixture Screw	014321	014321	014321	014321	015036	015036
34	*Idle Mixture Screw Spring	08793	08793	08793	08793	08793	08793
35	Idle Mixture Screw Washer	011428	011428	011428	011428	011428	011428
36	Idle Mixture Screw Packing	011401	011401	011401	011401	011401	011401
37	*Idle Speed Screw	014326	014326	014326	014326	014326	014326
39	*Idle Speed Screw Spring	0788	0788	0788	0788	0788	0788
40	*Inlet Control Lever	010513	010513	010513	010513	010513	010513
41	*Inlet Control Lever Fulcrum Pin	013406	013406	013406	013406	013406	013406
42	*Inlet Control Lever Fulcrum Pin Ret. Screw	013269	013269	013269	013269	013269	013269
43	Inlet Needle, Seat & Gasket	014602	014602	014602	014602	014602	014602
44	Inlet Seat Gasket	010165	010165	010165	010165	010165	010165
45	*Inlet Tension Spring	013434	013434	013434	013434	013434	013434
50	High Speed Mixture Screw	014499	014499	014499	014499	014499	014499
51	*High Speed Mixture Screw Spring	011103	011103	011103	011103	011103	011103
52	High Speed Mixture Screw Washer	03114	03114	03114	03114	03114	03114
53	High Speed Mixture Screw Packing	010511	010511	010511	010511	010511	010511
54	*Nozzle Check Valve	014334	014334	014334	014334	014334	014334
55	Throttle Cable Bracket	----	015000	----	015000	----	015000
56	Throttle Cable Bracket Ret. Screw & Lockwasher	----	015005	----	015005	----	015005
57	Throttle Cable Clamp	----	014995	----	014995	----	014995
58	Throttle Cable Clamp Ret. Nut	----	014997	----	014997	----	014997
59	Throttle Cable Clamp Ret. Screw	----	014998	----	014998	----	014998
60	Throttle Shaft & Lever	015004	015004	015004	015004	015004	015004
61	Throttle Shaft Clip	09678	09678	09678	09678	09678	09678
62	Throttle Shaft Clip Lockwasher	0992	0992	0992	0992	0992	0992
63	Throttle Shaft Clip Ret. Screw	01974	01974	01974	01974	01974	01974
64	*Throttle Shaft Return Spring	014324	014324	014324	014324	014324	014324
65	Throttle Shutter	014320	014320	014320	014320	014320	014320
66	*Throttle Shutter Screw & Lockwasher (2)	015912	015912	015912	015912	015912	015912
67	*Throttle Wire Ret. Screw	055	055	055	055	055	055
	*Gasket & Packing Set	GS-1HR	GS-1HR	GS-1HR	GS-1HR	GS-1HR	GS-1HR
	Repair Parts Kit	RK-1HR	RK-1HR	RK-1HR	RK-1HR	RK-1HR	RK-1HR
	Diaphragm & Gasket Set	DG-1HR	DG-1HR	DG-1HR	DG-1HR	DG-1HR	DG-1HR

(*) Indicates contents of Repair Parts Kit



BASIC PARTS ILLUSTRATIONS: See front cover for illustrations corresponding to reference numbers in list below.

Carburetor Model	Superseding Model	Equipment
HR-24A		.Arctic, Erickson, Herters, Kohler, Kohler of Canada, Polaris
HR-25A		.Moto-Ski
HR-26A		.Lionel
HR-27A		.Lionel
HR-28A		.Bolens Hus-Ski, FMS
HR-29A		.Featherweight

Ref. No.	Part Name	HR-24A	HR-25A	HR-26A	HR-27A	HR-28A	HR-29A
2	Body Channel Plug Screw	014988	014988	014988	014988	014988	014988
3	Body Channel Plug Screw	015100	----	015100	015100	015100	015100
4	*Body Channel Welch Plug (2)	02531	02531	02531	02531	02531	02531
5	*Body Channel Welch Plug	----	013737	----	013737	013737	013737
6	Choke Friction Ball	04784	04784	04784	04784	04784	04784
7	Choke Friction Spring	08805	08805	08805	08805	08805	08805
8	Choke Lever Assembly	015037	----	----	----	----	015037
9	Choke Lever Ret. Screw	0240	----	----	----	----	0240
10	Choke Shaft	015068	----	----	----	----	015068
11	Choke Shaft & Lever	----	015003	015069	015069	015067	----
12	Choke Shutter	014621	014621	014621	014621	014621	014621
13	Choke Shutter Screw & Lockwasher (2)	015912	015912	08942	08942	08942	015912
16	*Choke Wire Ret. Screw	055	055	055	055	----	055
17	Diaphragm Gasket	012473	012473	012473	012473	012473	012473
18	*Diaphragm	012475	012475	012475	012475	012475	012475
19	Diaphragm Cover	015053	014402	015053	014402	014402	014402
20	Economiser Check Ball	----	05322	----	05322	05322	05322
21	Flange Gasket	014319	014319	014319	014319	014319	014319
22	Fuel Pump Gasket	012930	012930	012930	012930	012930	012930
24	*Fuel Pump Diaphragm (Pulse)	014230	014230	014230	014230	014230	014230
25	*Fuel Pump Diaphragm (Valve)	014229	014229	014229	014229	014229	014229
26	Fuel Pump Body	013335	013335	013335	013335	013335	013335
27	Fuel Pump Body Screw & Lockwasher (6)	010098	010098	010098	010098	010098	010098
28	*Fuel Strainer Screen	011516	011516	011516	011516	011516	011516
29	Fuel Strainer Cover Gasket	010529*	010529	010529	010529	010529	010529
30	Fuel Strainer Cover	014937	014937	014937	014937	014937	014937
31	*Fuel Strainer Cover Ret. Screw	010571	010571	010571	010571	010571	010571
32	Idle Mixture Screw	014321	014321	015036	014321	014321	014321
33	Idle Mixture Screw Cup	----	----	----	----	----	014478
34	*Idle Mixture Screw Spring	08793	08793	08793	08793	08793	08793
35	Idle Mixture Screw Washer	011428	011428	011428	011428	011428	011428
36	Idle Mixture Screw Packing	011401	011401	011401	011401	011401	011401
37	*Idle Speed Screw	014326	014326	014326	014326	011811	011811
38	Idle Speed Screw Cup	----	----	----	----	014478	014478
39	*Idle Speed Screw Spring	0788	0788	0788	0788	0788	0788
40	*Inlet Control Lever	010513	010513	010513	010513	010513	010513
41	*Inlet Control Lever Fulcrum Pin	013406	013406	013406	013406	013406	013406
42	*Inlet Control Lever Fulcrum Pin Ret. Screw	013269	013269	013269	013269	013269	013269
43	Inlet Needle, Seat & Gasket	014602	014602	014602	014602	014602	014602
44	Inlet Seat Gasket	010165	010165	010165	010165	010165	010165
45	*Inlet Tension Spring	013434	013434	013434	013434	013434	013434
50	High Speed Mixture Screw	014499	014499	014499	014499	014499	014499
51	*High Speed Mixture Screw Spring	011103	011103	011103	011103	011103	011103
52	High Speed Mixture Screw Washer	03114	03114	03114	03114	03114	03114
53	High Speed Mixture Screw Packing	010511	010511	010511	010511	010511	010511
54	*Nozzle Check Valve	014334	014334	014334	014334	014334	014334
60	Throttle Shaft & Lever	015004	015004	015004	015004	015004	015004
61	Throttle Shaft Clip	09678	09678	09678	09678	09678	09678
62	Throttle Shaft Clip Lockwasher	0992	0992	0992	0992	0992	0992
63	Throttle Shaft Clip Ret. Screw	01974	01974	01974	01974	01974	01974
64	*Throttle Shaft Return Spring	014324	014324	014324	014324	014324	014324
65	Throttle Shutter	014320	014320	014320	014320	014320	014320
66	*Throttle Shutter Screw & Lockwasher (2)	015912	015912	015912	015912	015912	015912
67	*Throttle Wire Ret. Screw	055	055	055	055	055	055
	*Gasket & Packing Set	GS-1HR	GS-1HR	GS-1HR	GS-1HR	GS-1HR	GS-1HR
	Repair Parts Kit	RK-1HR	RK-1HR	RK-1HR	RK-1HR	RK-1HR	RK-1HR
	Diaphragm & Gasket Set	DG-1HR	DG-1HR	DG-1HR	DG-1HR	DG-1HR	DG-1HR

(*) Indicates contents of Repair Parts Kit



BASIC PARTS ILLUSTRATIONS: See front cover for illustrations corresponding to reference numbers in list below.

Carburetor Model	Superseding Model	Equipment
HR-30A		.AMF, Fox, Polaris, Rupp, Scorpion, Skiroule, Valmet
HR-31A		.Kohler, Kohler of Canada, Outboard Marine, Trade Winds
HR-32A		.Kohler, Trade Winds
HR-33A		.Badger Northland
HR-34A		.Beehoo, Magna American
HR-35A		.Boatel, Fox, Kohler, Sno-Jet

Ref. No.	Part Name	HR-30A	HR-31A	HR-32-A	HR-33A	HR-34A	HR-35A
1A	Body Channel Line Connection	----	----	----	----	015117	----
1B	Body Channel Line Connection Gasket	----	----	----	----	013737	----
2	Body Channel Plug Screw	014988	014988	014988	014988	014988	014988
3	Body Channel Plug Screw	----	015100	015100	----	----	015100
4	* Body Channel Welch Plug (2)	02531	02531	02531	02531	02531	02531
5	* Body Channel Welch Plug	----	----	----	013737	013737	----
6	Choke Friction Ball	04784	04784	04784	04784	04784	04784
7	Choke Friction Spring	08805	08805	08805	08805	08805	08805
11	Choke Shaft & Lever	015003	015003	015003	015003	015003	015003
12	Choke Shutter	014962	014621	014621	014621	014621	014962
13	Choke Shutter Screw & Lockwasher (2)	015912	015912	015912	08942	015912	015912
16	* Choke Wire Ret. Screw	055	055	055	055	055	055
17	Diaphragm Gasket	012473	012473	012473	012473	012473	012473
18	* Diaphragm	012475	012475	012475	012475	012475	012475
19	Diaphragm Cover	015080	014584	015053	013228	014402	015080
20	Economiser Check Ball	----	----	----	05322	05322	----
21	Flange Gasket	014319	014319	014319	014319	014319	014319
22	Fuel Pump Gasket	014881	012930	012930	012930	012930	014881
23	* Fuel Pump Diaphragm	014880	----	----	----	----	014880
24	* Fuel Pump Diaphragm (Pulse)	----	014230	014230	014230	014230	----
25	* Fuel Pump Diaphragm (Valve)	----	014229	014229	014229	014229	----
26	Fuel Pump Body	014878	013335	013335	013335	013335	014878
27	Fuel Pump Body Screw & Lockwasher (6)	----	010098	010098	010098	010098	----
28	* Fuel Strainer Screen	011516	011516	011516	011516	011516	011516
29	Fuel Strainer Cover Gasket	010529	010529	010529	010529	010529	010529
30	Fuel Strainer Cover	014937	014937	014937	014937	014937	014937
31	* Fuel Strainer Cover Ret. Screw	010571	010571	010571	010571	010571	010571
32	Idle Mixture Screw	014321	015036	014321	014321	014321	015036
34	* Idle Mixture Screw Spring	08793	08793	08793	08793	08793	08793
35	Idle Mixture Screw Washer	011428	011428	011428	011428	011428	011428
36	Idle Mixture Screw Packing	011401	011401	011401	011401	011401	011401
37	* Idle Speed Screw	014326	014326	014326	014326	014326	014326
39	* Idle Speed Screw Spring	0788	0788	0788	0788	0788	0788
40	* Inlet Control Lever	010513	010513	010513	010513	010513	010513
41	* Inlet Control Lever Fulcrum Pin	013406	013406	013406	013406	013406	013406
42	* Inlet Control Lever Fulcrum Pin Ret. Screw	013269	013269	013269	013269	013269	013269
43	Inlet Needle, Seat & Gasket	014602	014602	014602	014602	014602	014602
44	Inlet Seat Gasket	010165	010165	010165	010165	010165	010165
45	* Inlet Tension Spring	011503	013434	013434	013434	013434	011503
46	Inlet Valve Gasket	014884	----	----	----	----	014884
47	* Inlet Valve Diaphragm	014883	----	----	----	----	014883
48	Inlet Valve Body	014879	----	----	----	----	014879
49	Inlet Valve Body Ret. Screw (6)	014882	----	----	----	----	014882
50	High Speed Mixture Screw	014499	014499	014499	014499	014499	014499
51	* High Speed Mixture Screw Spring	011103	011103	011103	011103	011103	011103
52	High Speed Mixture Screw Washer	03114	03114	03114	03114	03114	03114
53	High Speed Mixture Screw Packing	010511	010511	010511	010511	010511	010511
54	* Nozzle Check Valve	014334	014334	014334	014334	014334	014334
55	Throttle Cable Bracket	015000	----	----	014996	----	----
56	Throttle Cable Bracket Ret. Screw & Lockwasher	015005	----	----	015005	----	----
57	Throttle Cable Clamp	014995	----	----	----	----	----
58	Throttle Cable Clamp Ret. Nut	014997	----	----	----	----	----
59	Throttle Cable Clamp Ret. Screw	014998	----	----	----	----	----
60	Throttle Shaft & Lever	015004	015122	015122	015224	015004	015004
61	Throttle Shaft Clip	09678	09678	09678	09678	09678	09678
62	Throttle Shaft Clip Lockwasher	0992	0992	0992	0992	0992	0992
63	Throttle Shaft Clip Ret. Screw	01974	01974	01974	01974	01974	01974
64	* Throttle Shaft Return Spring	014324	014324	014324	014324	014324	014324
65	Throttle Shutter	014961	014320	014320	014320	014320	014961
66	* Throttle Shutter Screw & Lockwasher (2)	015912	015912	015912	015912	015912	015912
67	* Throttle Wire Ret. Screw	055	----	----	----	055	055
	* Gasket & Packing Set	GS-1HR	GS-1HR	GS-1HR	GS-1HR	GS-1HR	GS-1HR
	Repair Parts Kit	RK-2HR	RK-1HR	RK-1HR	RK-1HR	RK-2HR	RK-2HR
	Diaphragm & Gasket Set	DG-1HR	DG-1HR	DG-1HR	DG-1HR	DG-1HR	DG-1HR

(*) Indicates contents of Repair Parts Kit



BASIC PARTS ILLUSTRATIONS: See front cover for illustrations corresponding to reference numbers in list below.

Carburetor Model	Superseding Model	Equipment
HR-36A		Bombardier
HR-37A		Bombardier
HR-38A		Kohler of Canada
HR-39A		F. Lli Benelli, Moleba Auto-Neige, S M T Mfg.
HR-40A		Bombardier
HR-41A		AMF, AMF Delta, Kohler of Canada

Ref. No.	Part Name	HR-36A	HR-37A	HR-38A	HR-39A	HR-40A	HR-41A
1A	Body Channel Line Connection	----	----	015546	----	----	----
1B	Body Channel Line Connection Gasket	----	----	013094	----	----	----
2	Body Channel Plug Screw	----	----	014988	014988	----	014988
3	Body Channel Plug Screw	----	----	----	015100	----	015100
4	* Body Channel Welch Plug (2)	02531	02531	02531	02531	02531	02531
6	Choke Friction Ball	04784	04784	04784	04784	04784	04784
7	Choke Friction Spring	08805	08805	08805	08805	08805	08805
8	Choke Lever Assembly	----	----	015037	----	----	015037
9	Choke Lever Ret. Screw	----	----	0240	----	----	0240
10	Choke Shaft	----	----	015034	015003	015358	015343
11	Choke Shaft & Lever	015357	014328	----	----	----	----
12	Choke Shutter	014962	014325	014621	014962	014962	014621
13	Choke Shutter Screw & Lockwasher (2)	015912	08942	08942	015912	08942	08942
16	* Choke Wire Ret. Screw	055	----	055	055	----	055
17	Diaphragm Gasket	012473	012473	012473	012473	012473	012473
18	* Diaphragm	012475	012475	012475	012475	012475	012475
19	Diaphragm Cover	015247	013228	014584	015080	014877	014584
21	Flange Gasket	014319 (2)	014319 (2)	014319	014319	014319 (2)	014319
22	Fuel Pump Gasket	014881	012930	012930	014881	014881	012930
23	* Fuel Pump Diaphragm	014880	----	----	014880	014880	----
24	* Fuel Pump Diaphragm (Pulse)	----	014230	014230	----	----	014230
25	* Fuel Pump Diaphragm (Valve)	----	014229	014229	----	----	014229
26	Fuel Pump Body	015248	013335	013335	014878	014878	013335
27	Fuel Pump Body Screw & Lockwasher (6)	----	010098	010098	----	----	010098
28	* Fuel Strainer Screen	011516	011516	011516	011516	011516	011516
29	Fuel Strainer Cover Gasket	010529	010529	010529	010529	014804	010529
30	Fuel Strainer Cover	014937	014937	014937	014937	----	014937
31	* Fuel Strainer Cover Ret. Screw	010571	010571	010571	010571	----	010571
32	Idle Mixture Screw	014971	014321	015036	015036	014971	015036
34	* Idle Mixture Screw Spring	08793	08793	08793	08793	08793	08793
35	Idle Mixture Screw Washer	011428	011428	011428	011428	011428	011428
36	Idle Mixture Screw Packing	011401	011401	011401	011401	011401	011401
37	* Idle Speed Screw	011811	011811	014326	014326	011811	014326
38	Idle Speed Screw Cup	014478	014478	----	----	014478	----
39	* Idle Speed Screw Spring	0788	0788	0788	0788	0788	0788
40	* Inlet Control Lever	010513	010513	010513	010513	010513	010513
41	* Inlet Control Lever Fulcrum Pin	013406	013406	013406	013406	013406	013406
42	* Inlet Control Lever Fulcrum Pin Ret. Screw	013269	013269	013269	013269	013269	013269
43	Inlet Needle, Seat & Gasket	014602	014602	014602	014602	014602	014602
44	Inlet Seat Gasket	010165	010165	010165	010165	010165	010165
45	* Inlet Tension Spring	011503	011503	013434	011503	011503	013434
46	Inlet Valve Gasket	014884	----	----	014884	014884	----
47	* Inlet Valve Diaphragm	014883	----	----	014883	014883	----
48	Inlet Valve Body	015249	----	----	014879	014879	----
49	Inlet Valve Body Ret. Screw (6)	014882	----	----	014882	014882	----
50	High Speed Mixture Screw	014964	014323	014499	014499	014964	014499
51	* High Speed Mixture Screw Spring	011103	011103	011103	011103	011103	011103
52	High Speed Mixture Screw Washer	03114	03114	03114	03114	03114	03114
53	High Speed Mixture Screw Packing	010511	010511	010511	010511	010511	010511
54	* Nozzle Check Valve	014334	014334	014334	014334	014334	014334
60	Throttle Shaft & Lever	014969	015340	015004	015004	015340	----
60A	Throttle Shaft & Lever	----	----	----	----	----	015342
61	Throttle Shaft Clip	09678	09678	09678	09678	09678	09678
62	Throttle Shaft Clip Lockwasher	0992	0992	0992	0992	0992	0992
63	Throttle Shaft Clip Ret. Screw	01974	01974	01974	01974	01974	01974
64	* Throttle Shaft Return Spring	014324	014324	014324	014324	014324	014324
65	Throttle Shutter	014961	014320	014320	014961	014961	014320
66	* Throttle Shutter Screw & Lockwasher (2)	015912	015912	015912	015912	015912	015912
67	* Throttle Wire Ret. Screw	012305	055	055	055	055	055
	* Gasket & Packing Set	GS-1HR	GS-1HR	GS-1HR	GS-1HR	GS-1HR	GS-1HR
	Repair Parts Kit	RK-2HR	RK-1HR	RK-1HR	RK-2HR*	RK-2HR	RK-1HR
	Diaphragm & Gasket Set	DG-1HR	DG-1HR	DG-1HR	DG-1HR	DG-1HR	DG-1HR

(*) Indicates contents of Repair Parts Kit



BASIC PARTS ILLUSTRATIONS: See front cover for illustrations corresponding to reference numbers in list below.

Carburetor Model	Superseding Model	Equipment
HR-42A		.AMF, Ariens, Bolens Hus-Ski, Herters, Kohler of Canada
HR-43A		.Boatel, Fox, Kohler, Kohler of Canada, Rockwell, Scorpion, Wheel Horse
HR-44A		.Lionel, Moto-Ski
HR-47A		.Lionel
HR-48A		.Wheel Horse
HR-49A		.Arctic, Kohler of Canada

Ref. No.	Part Name	HR-42A	HR-43A	HR-44A	HR-47A	HR-48A	HR-49A
2	Body Channel Plug Screw.	014988	014988	----	014988	014988	014988
3	Body Channel Plug Screw.	----	----	----	015100	015100	----
4	* Body Channel Welch Plug (2).	02531	02531	02531	02531	02531	02531
6	Choke Friction Ball.	04784	04784	04784	04784	04784	04784
7	Choke Friction Spring.	08805	08805	08805	08805	08805	08805
8	Choke Lever Assembly.	015037	015037	----	----	015037	015037
9	Choke Lever Ret. Screw.	0240	0240	----	----	0240	0240
10	Choke Shaft.	015343	015343	----	----	015343	015395
11	Choke Shaft & Lever.	----	----	015003	015069	----	----
12	Choke Shutter.	014962	014962	014962	014621	014962	014962
13	Choke Shutter Screw & Lockwasher (2).	08942	08942	015912	08942	08942	08942
16	* Choke Wire Ret. Screw.	055	055	055	055	055	055
17	Diaphragm Gasket.	012473	012473	012473	012473	012473	012473
18	* Diaphragm.	012475	012475	012475	012475	012475	012475
19	Diaphragm Cover.	015424	015424	015080	015053	015348	015424
21	Flange Gasket.	014319	014319	014319	014319	014319	014319
22	Fuel Pump Gasket.	014881	014881	014881	012930	014881	014881
23	* Fuel Pump Diaphragm.	014880	014880	014880	----	014880	014880
24	* Fuel Pump Diaphragm (Pulse).	----	----	----	014230	----	----
25	* Fuel Pump Diaphragm (Valve).	----	----	----	014229	----	----
26	Fuel Pump Body.	014878	014878	014878	013335	014878	014878
27	Fuel Pump Body Screw & Lockwasher (6).	----	----	----	010098	----	----
28	* Fuel Strainer Screen.	011516	011516	011516	011516	011516	011516
29	Fuel Strainer Cover Gasket.	010529	010529	010529	010529	010529	010529
30	Fuel Strainer Cover.	014937	014937	----	014937	014937	014937
31	* Fuel Strainer Cover Ret. Screw.	010571	010571	----	010571	010571	010571
32	Idle Mixture Screw.	015036	015036	014321	015036	015036	015036
34	* Idle Mixture Screw Spring.	08793	08793	08793	08793	08793	08793
35	Idle Mixture Screw Washer.	011428	011428	011428	011428	011428	011428
36	Idle Mixture Screw Packing.	011401	011401	011401	011401	011401	011401
37	* Idle Speed Screw.	014326	014326	014326	014326	014326	014326
39	* Idle Speed Screw Spring.	0788	0788	0788	0788	0788	0788
40	* Inlet Control Lever.	010513	010513	010513	010513	010513	010513
41	* Inlet Control Lever Fulcrum Pin.	013406	013406	013406	013406	013406	013406
42	* Inlet Control Lever Fulcrum Pin Ret. Screw.	013269	013269	013269	013269	013269	013269
43	Inlet Needle, Seat & Gasket.	014602	014602	014602	014602	014602	014602
44	Inlet Seat Gasket.	010165	010165	010165	010165	010165	010165
45	* Inlet Tension Spring.	011503	011503	011503	013434	011503	011503
46	Inlet Valve Gasket.	014884	014884	014884	----	014884	014884
47	* Inlet Valve Diaphragm.	014883	014883	014883	----	014883	014883
48	Inlet Valve Body.	014879	014879	014879	----	014879	014879
49	Inlet Valve Body Ret. Screw (6).	014882	014882	014882	----	014882	014882
50	High Speed Mixture Screw.	014499	014499	014499	014499	014499	014499
51	* High Speed Mixture Screw Spring.	011103	011103	011103	011103	011103	011103
52	High Speed Mixture Screw Washer.	03114	03114	03114	03114	03114	03114
53	High Speed Mixture Screw Packing.	010511	010511	010511	010511	010511	010511
54	* Nozzle Check Valve.	014334	014334	014334	014334	014334	014334
60	Throttle Shaft & Lever.	----	----	015340	----	015345	015004
60A	Throttle Shaft & Lever.	015353	015353	----	015415	----	----
61	Throttle Shaft Clip.	09678	09678	09678	09678	09678	09678
62	Throttle Shaft Clip Lockwasher.	0992	0992	0992	0992	0992	0992
63	Throttle Shaft Clip Ret. Screw.	01974	01974	01974	01974	01974	01974
64	* Throttle Shaft Return Spring.	014324	014324	014324	014324	014324	014324
65	Throttle Shutter.	014961	014961	014961	014320	014961	014961
66	* Throttle Shutter Screw & Lockwasher (2).	015912	015912	015912	015912	015912	015912
67	* Throttle Wire Ret. Screw.	055	055	055	055	055	055
	* Gasket & Packing Set.	GS-1HR	GS-1HR	GS-1HR	GS-1HR	GS-1HR	GS-1HR
	Repair Parts Kit.	RK-2HR	RK-2HR	RK-2HR	RK-2HR	RK-2HR	RK-2HR
	Diaphragm & Gasket Set.	DG-1HR	DG-1HR	DG-1HR	DG-1HR	DG-1HR	DG-1HR

(*) Indicates contents of Repair Parts Kit



BASIC PARTS ILLUSTRATIONS: See front cover for illustrations corresponding to reference numbers in list below.

Carburetor Model	Superseding Model	Equipment
HR-49B		.Arctic
HR-50A		.Arctic, Kohler of Canada
HR-51A		.Featherweight
HR-52A		.Featherweight
HR-53A		.Featherweight, Kohler of Canada
HR-54A		.Badger Northland, Massey-Ferguson

Ref. No.	Part Name	HR-49B	HR-50A	HR-51A	HR-52A	HR-53A	HR-54A
1	Body Channel Inlet Screen	010301	----	----	----	----	----
2	Body Channel Plug Screw	014988	014988	014988	014988	014988	----
3	Body Channel Plug Screw	0244	015100	015100	015100	----	----
4	* Body Channel Welch Plug (2)	02531	02531	02531	02531	02531	02531
5	* Body Channel Welch Plug	----	----	----	013737	----	----
6	Choke Friction Ball	04784	04784	04784	04784	04784	04784
7	Choke Friction Spring	08805	08805	08805	08805	08805	08805
8	Choke Lever Assembly	015037	015037	015037	015037	015037	----
9	Choke Lever Ret. Screw	0240	0240	0240	0240	0240	----
10	Choke Shaft	015395	015395	015068	015068	015068	----
11	Choke Shaft & Lever	----	----	----	----	----	015098
12	Choke Shutter	014962	014621	014962	014621	014962	014962
13	Choke Shutter Screw & Lockwasher (2)	08942	08942	015912	015912	015912	08942
16	* Choke Wire Ret. Screw	055	055	055	055	055	055
17	Diaphragm Gasket	012473	012473	012473	012473	012473	012473
18	* Diaphragm	012475	012475	012475	012475	012475	012475
19	Diaphragm Cover	015424	014584	015080	014402	015424	014877
20	Economiser Check Ball	----	----	----	05322	----	----
21	Flange Gasket	014319	014319	014319	014319	014319	014319
22	Fuel Pump Gasket	014881	012930	014881	012930	014881	014881
23	* Fuel Pump Diaphragm	014880	----	014880	----	014880	014880
24	* Fuel Pump Diaphragm (Pulse)	----	014230	----	014230	----	----
25	* Fuel Pump Diaphragm (Valve)	----	014229	----	014229	----	----
26	Fuel Pump Body	014878	013335	014878	013335	014878	014878
27	Fuel Pump Body Screw & Lockwasher (6)	----	010098	----	010098	----	----
28	* Fuel Strainer Screen	011516	011516	011516	011516	011516	011516
29	Fuel Strainer Cover Gasket	010529	010529	010529	010529	010529	010529
30	Fuel Strainer Cover	014937	014937	014937	014937	014937	014937
31	* Fuel Strainer Cover Ret. Screw	010571	010571	010571	010571	010571	010571
32	Idle Mixture Screw	015036	015036	014321	014321	015036	015036
33	Idle Mixture Screw Cup	----	----	014478	----	014478	----
34	* Idle Mixture Screw Spring	08793	08793	08793	08793	08793	08793
35	Idle Mixture Screw Washer	011428	011428	011428	011428	011428	011428
36	Idle Mixture Screw Packing	011401	011401	011401	011401	011401	011401
37	* Idle Speed Screw	011811	014326	011811	014326	011481	014326
38	Idle Speed Screw Cup	014478	----	014478	----	014478	----
39	* Idle Speed Screw Spring	0788	0788	0788	0788	0788	0788
40	* Inlet Control Lever	010513	010513	010513	010513	010513	010513
41	* Inlet Control Lever Fulcrum Pin	013406	013406	013406	013406	013406	013406
42	* Inlet Control Lever Fulcrum Pin Ret. Screw	013269	013269	013269	013269	013269	013269
43	Inlet Needle, Seat & Gasket	014602	014602	014602	014602	014602	014602
44	Inlet Seat Gasket	010165	010165	010165	010165	010165	010165
45	* Inlet Tension Spring	011503	013434	011503	013434	011503	011503
46	Inlet Valve Gasket	014884	----	014884	----	014884	014884
47	* Inlet Valve Diaphragm	014883	----	014883	----	014883	014883
48	Inlet Valve Body	014879	----	014879	----	014879	014879
49	Inlet Valve Body Ret. Screw (6)	014882	----	014882	----	014882	014882
50	High Speed Mixture Screw	014499	014499	014499	014499	014499	014499
51	* High Speed Mixture Screw Spring	011103	011103	011103	011103	011103	011103
52	High Speed Mixture Screw Washer	03114	03114	03114	03114	03114	03114
53	High Speed Mixture Screw Packing	010511	010511	010511	010511	010511	010511
54	* Nozzle Check Valve	014334	014334	014334	014334	014334	014334
55	Throttle Cable Bracket	----	----	----	----	----	014996
56	Throttle Cable Bracket Ret. Screw & Lkwshr	----	----	----	----	----	015005
60	Throttle Shaft & Lever	015632	015004	015004	015004	015353	015224
61	Throttle Shaft Clip	09678	09678	09678	09678	09678	09678
62	Throttle Shaft Clip Lockwasher	0992	0992	0992	0992	0992	0992
63	Throttle Shaft Clip Ret. Screw	01974	01974	01974	01974	01974	01974
64	* Throttle Shaft Return Spring	014324	014324	014324	014324	014324	014324
65	Throttle Shutter	014961	014320	014961	014320	014961	014961
66	* Throttle Shutter Screw & Lockwasher (2)	015912	015912	015912	015912	015912	015912
67	* Throttle Wire Ret. Screw	055	055	055	055	055	055
	* Gasket & Packing Set	GS-1HR	GS-1HR	GS-1HR	GS-1HR	GS-1HR	GS-1HR
	Repair Parts Kit	RK-2HR	RK-1HR	RK-2HR	RK-1HR	RK-2HR	RK-2HR
	Diaphragm & Gasket Set	DG-1HR	DG-1HR	DG-1HR	DG-1HR	DG-1HR	DG-1HR

(*) Indicates contents of Repair Parts Kit



BASIC PARTS ILLUSTRATIONS: See front cover for illustrations corresponding to reference numbers in list below.

Carburetor Model Superseding Model Equipment

HR-54B Massey-Ferguson
 HR-55A Badger Northland, Massey-Ferguson
 HR-56A Badger Northland, Massey-Ferguson
 HR-57A FMC - Bolens Division
 HR-58A Eagle Machine, Gorman Rupp
 HR-59A Boatel, Eagle Tie

Ref. No.	Part Name	HR-54B	HR-55A	HR-56A	HR-57A	HR-58A	HR-59A
2	Body Channel Plug Screw.	----	----	----	014988	014988	014988
3	Body Channel Plug Screw.	----	----	----	015100	015100	015100
4	* Body Channel Welch Plug (2).	02531	02531	02531	02531	02531	02531
6	Choke Friction Ball.	04784	04784	04784	04784	04784	04784
7	Choke Friction Spring.	08805	08805	08805	08805	08805	08805
11	Choke Shaft & Lever.	015921	015450	015098	015003	015003	015003
12	Choke Shutter.	014962	014962	014962	014962	014621	014962
13	Choke Shutter Screw & Lockwasher (2).	015912	08942	08942	015912	015912	015912
16	* Choke Wire Ret. Screw.	055	055	055	055	055	055
17	Diaphragm Gasket.	012473	012473	012473	012473	012473	012473
18	* Diaphragm.	012475	012475	012475	012475	012475	012475
19	Diaphragm Cover.	014877	015487	014877	015080	013228	015080
21	Flange Gasket.	014319	014319	014319	014319	014319	014319
22	Fuel Pump Gasket.	014881	014881	014881	014881	012930	014881
23	* Fuel Pump Diaphragm.	014880	014880	014880	014880	----	014880
24	* Fuel Pump Diaphragm (Pulse).	----	----	----	----	014230	----
25	* Fuel Pump Diaphragm (Valve).	----	----	----	----	014229	----
26	Fuel Pump Body.	014878	014878	014878	014878	013335	014878
27	Fuel Pump Body Screw & Lockwasher (6).	----	----	----	----	010098	----
28	* Fuel Strainer Screen.	011516	011516	011516	011516	011516	011516
29	Fuel Strainer Cover Gasket.	010529	010529	010529	010529	010529	010529
30	Fuel Strainer Cover.	014937	014937	014937	014937	014937	014937
31	* Fuel Strainer Cover Ret. Screw.	010571	010571	010571	010571	010571	010571
32	Idle Mixture Screw.	015036	015036	015036	015036	014321	015036
34	* Idle Mixture Screw Spring.	08793	08793	08793	08793	08793	08793
35	Idle Mixture Screw Washer.	011428	011428	011428	011428	011428	011428
36	Idle Mixture Screw Packing.	011401	011401	011401	011401	011401	011401
37	* Idle Speed Screw.	014326	014326	014326	014326	014326	014326
39	* Idle Speed Screw Spring.	0788	0788	0788	0788	0788	0788
40	* Inlet Control Lever.	010513	010513	010513	010513	010513	010513
41	* Inlet Control Lever Fulcrum Pin.	013406	013406	013406	013406	013406	013406
42	* Inlet Control Lever Fulcrum Pin Ret. Screw.	013269	013269	013269	013269	013269	013269
43	Inlet Needle, Seat & Gasket.	014602	014602	014602	014602	014602	014602
44	Inlet Seat Gasket.	010165	010165	010165	010165	010165	010165
45	* Inlet Tension Spring.	011503	011503	011503	011503	013434	011503
46	Inlet Valve Gasket.	014884	014884	014884	014884	----	014884
47	* Inlet Valve Diaphragm.	014883	014883	014883	014883	----	014883
48	Inlet Valve Body.	014879	014879	014879	014879	----	014879
49	Inlet Valve Body Ret. Screw (6).	014882	014882	014882	014882	----	014882
50	High Speed Mixture Screw.	014499	014499	014499	014499	014964	014499
51	* High Speed Mixture Screw Spring.	011103	011103	011103	011103	011103	011103
52	High Speed Mixture Screw Washer.	03114	03114	03114	03114	03114	03114
53	High Speed Mixture Screw Packing.	010511	010511	010511	010511	010511	010511
54	* Nozzle Check Valve.	014334	014334	014334	014334	014334	014334
55	Throttle Cable Bracket.	014996	014996	014996	----	----	----
56	Throttle Cable Bracket Ret. Screw & Lkwshr.	015005	015005	015005	----	----	----
60	Throttle Shaft & Lever.	015918	015224	015224	015004	015004	015004
61	Throttle Shaft Clip.	09678	09678	09678	09678	09678	09678
62	Throttle Shaft Clip Lockwasher.	0992	0992	0992	0992	0992	0992
63	Throttle Shaft Clip Ret. Screw.	01974	01974	01974	01974	01974	01974
64	* Throttle Shaft Return Spring.	014324	014324	014324	014324	014324	014324
65	Throttle Shutter.	014961	014961	014961	014961	014320	014961
66	* Throttle Shutter Screw & Lockwasher (2).	015912	015912	015912	015912	015912	015912
67	* Throttle Wire Ret. Screw.	055	055	055	055	055	055
	* Gasket & Packing Set.	GS-1HR	GS-1HR	GS-1HR	GS-1HR	GS-1HR	GS-1HR
	Repair Parts Kit.	RK-2HR	RK-2HR	RK-2HR	RK-2HR	RK-1HR	RK-2HR
	Diaphragm & Gasket Set.	DG-1HR	DG-1HR	DG-1HR	DG-1HR	DG-1HR	DG-1HR

(*) Indicates contents of Repair Parts Kit



BASIC PARTS ILLUSTRATIONS: See front cover for illustrations corresponding to reference numbers in list below.

Carburetor Model	Superseding Model	Equipment
HR-61A		Ariens, Herters
HR-62A		Herters
HR-63A		Alsport
HR-64A		Skiroule
HR-65A		All Terrain, Rockwell
HR-66A		Kiekhaefer

Ref. No.	Part Name	HR-61A	HR-62A	HR-63A	HR-64A	HR-65A	HR-66A
2	Body Channel Plug Screw	014988	014988	014988	014988	014988	014988
3	Body Channel Plug Screw	-----	015100	015100	015100	-----	015100
4	* Body Channel Welch Plug (2)	02531	02531	02531	02531	02531	02531
5	* Body Channel Welch Plug	013737	-----	-----	013737	013737	013737
6	Choke Friction Ball	04784	04784	04784	04784	04784	04784
7	Choke Friction Spring	08805	08805	08805	08805	08805	08805
8	Choke Lever Assembly	-----	015037	-----	-----	-----	-----
9	Choke Lever Ret. Screw	-----	0240	-----	-----	-----	-----
10	Choke Shaft	-----	015068	-----	-----	-----	-----
11	Choke Shaft & Lever	015003	-----	015003	015003	015003	015069
12	Choke Shutter	014621	014621	014962	014621	014621	014621
13	Choke Shutter Screw & Lockwasher (2)	015912	015912	015912	015912	015912	08942
16	* Choke Wire Ret. Screw	055	055	055	055	055	055
17	Diaphragm Gasket	012473	012473	012473	012473	012473	012473
18	* Diaphragm	012475	012475	012475	012475	012475	012475
19	Diaphragm Cover	014402	015053	015080	014402	013228	014402
20	Economiser Check Ball	05322	-----	-----	05322	05322	05322
21	Flange Gasket	014319	014319	014319	014319	014319	014319
22	Fuel Pump Gasket	012930	012930	014881	012930	012930	012930
23	* Fuel Pump Diaphragm	-----	-----	014880	-----	-----	-----
24	* Fuel Pump Diaphragm (Pulse)	014230	014230	-----	014230	014230	014230
25	* Fuel Pump Diaphragm (Valve)	014229	014229	-----	014229	014229	014229
26	Fuel Pump Body	013335	013335	014878	013335	013335	013335
27	Fuel Pump Body Screw & Lockwasher (6)	010098	010098	-----	010098	010098	010098
28	* Fuel Strainer Screen	011516	011516	011516	011516	011516	011516
29	Fuel Strainer Cover Gasket	010529	010529	010529	010529	010529	010529
30	Fuel Strainer Cover	014937	014937	014937	014937	014937	014937
31	* Fuel Strainer Cover Ret. Screw	010571	010571	010571	010571	010571	010571
32	Idle Mixture Screw	014321	015036	014321	014321	014321	014321
34	* Idle Mixture Screw Spring	08793	08793	08793	08793	08793	08793
35	Idle Mixture Screw Washer	011428	011428	011428	011428	011428	011428
36	Idle Mixture Screw Packing	011401	011401	011401	011401	011401	011401
37	* Idle Speed Screw	014326	014326	014326	014326	014326	014326
39	* Idle Speed Screw Spring	0788	0788	0788	0788	0788	0788
40	* Inlet Control Lever	010513	010513	010513	010513	010513	010513
41	* Inlet Control Lever Fulcrum Pin	013406	013406	013406	013406	013406	013406
42	* Inlet Control Lever Fulcrum Pin Ret. Screw	013269	013269	013269	013269	013269	013269
43	Inlet Needle, Seat & Gasket	014602	014602	014602	014602	014602	014602
44	Inlet Seat Gasket	010165	010165	010165	010165	010165	010165
45	* Inlet Tension Spring	013434	013434	011503	013434	013434	013434
46	Inlet Valve Gasket	-----	-----	014884	-----	-----	-----
47	* Inlet Valve Diaphragm	-----	-----	014883	-----	-----	-----
48	Inlet Valve Body	-----	-----	014879	-----	-----	-----
49	Inlet Valve Body Ret. Screw (6)	-----	-----	014882	-----	-----	-----
50	High Speed Mixture Screw	014499	014499	014499	014499	014499	014499
51	* High Speed Mixture Screw Spring	011103	011103	011103	011103	011103	011103
52	High Speed Mixture Screw Washer	03114	03114	03114	03114	03114	03114
53	High Speed Mixture Screw Packing	010511	010511	010511	010511	010511	010511
54	* Nozzle Check Valve	014334	014334	014334	014334	014334	014334
55	Throttle Cable Bracket	015000	-----	-----	-----	015000	-----
56	Throttle Cable Bracket Ret. Screw & Lkwshr	015005	-----	-----	-----	015005	-----
57	Throttle Cable Clamp	014995	-----	-----	-----	014995	-----
58	Throttle Cable Clamp Ret. Nut	014997	-----	-----	-----	014997	-----
59	Throttle Cable Clamp Ret. Screw	014988	-----	-----	-----	014988	-----
60	Throttle Shaft & Lever	015004	-----	-----	015004	015004	015224
60A	Throttle Shaft & Lever	-----	015353	015353	-----	-----	-----
61	Throttle Shaft Clip	09678	09678	09678	09678	09678	09678
62	Throttle Shaft Clip Lockwasher	0992	0992	0992	0992	0992	0992
63	Throttle Shaft Clip Ret. Screw	01974	01974	01974	01974	01974	01974
64	* Throttle Shaft Return Spring	014324	014324	014324	014324	014324	014324
65	Throttle Shutter	014320	014320	014961	014320	014320	014320
66	* Throttle Shutter Screw & Lockwasher (2)	015912	015912	015912	015912	015912	015912
67	* Throttle Wire Ret. Screw	055	055	055	055	055	055
	* Gasket & Packing Set	GS-1HR	GS-1HR	GS-1HR	GS-1HR	GS-1HR	GS-1HR
	Repair Parts Kit	RK-1HR	RK-1HR	RK-2HR	RK-1HR	RK-1HR	RK-1HR
	Diaphragm & Gasket Set	DG-1HR	DG-1HR	DG-1HR	DG-1HR	DG-1HR	DG-1HR

(*) Indicates contents of Repair Parts Kit



BASIC PARTS ILLUSTRATIONS: See front cover for illustrations corresponding to reference numbers in list below.

Carburetor Model	Superseding Model	Equipment
HR-67A		General Trends, Rupp
RK-68A		Allis-Chalmers
HR-69A		Bombardier
HR-70A		Arctic
HR-70B		Arctic
HR-71A		Canadian Curtiss-Wright, Otaco, Trans-Ski Ltd.

Ref. No.	Part Name	HR-67A	HR-68A	HR-69A	HR-70A	HR-70B	HR-71A
2	Body Channel Plug Screw	014988	014988	----	014988	014988	014988
3	Body Channel Plug Screw	----	----	----	----	----	015100
4	* Body Channel Welch Plug (2)	02531	02531	02531	02531	02531	02531
5	* Body Channel Welch Plug	----	013737	----	----	----	----
6	Choke Friction Ball	04784	04784	04784	04784	04784	04784
7	Choke Friction Spring	08805	08805	08805	08805	08805	08805
8	Choke Lever Assembly	----	----	----	015037	015037	----
9	Choke Lever Ret. Screw	----	----	----	0240	0240	----
10	Choke Shaft	----	----	----	015395	015395	----
11	Choke Shaft & Lever	015003	015512	014966	----	----	015069
12	Choke Shutter	014962	014621	014962	014962	014962	014621
13	Choke Shutter Screw & Lockwasher (2)	015912	015912	015912	08942	08942	08942
16	* Choke Wire Ret. Screw	055	----	----	055	055	055
17	Diaphragm Gasket	012473	012473	012473	012473	012473	012473
18	* Diaphragm	012475	012475	012475	012475	012475	012475
19	Diaphragm Cover	015080	013228	014877	015424	015424	013228
20	Economiser Check Ball	----	05322	----	----	----	----
21	Flange Gasket	014319	014319	014319(2)	014319	014319	014319
22	Fuel Pump Gasket	014881	012930	014881	014881	014881	012930
23	* Fuel Pump Diaphragm	014880	----	014880	014880	014880	----
24	* Fuel Pump Diaphragm (Pulse)	----	014230	----	----	----	014230
25	* Fuel Pump Diaphragm (Valve)	----	014229	----	----	----	014229
26	Fuel Pump Body	014878	013335	014878	014878	014878	013335
27	Fuel Pump Body Screw & Lockwasher (6)	----	010098	----	----	----	010098
28	* Fuel Strainer Screen	----	011516	011516	011516	011516	011516
29	Fuel Strainer Cover Gasket	----	010529	014804	010529	010529	010529
30	Fuel Strainer Cover	----	014937	----	014937	014937	014937
31	* Fuel Strainer Cover Ret. Screw	----	010571	----	010571	010571	010571
32	Idle Mixture Screw	014321	014321	014971	015036	015036	015036
34	* Idle Mixture Screw Spring	08793	08793	08793	08793	08793	08793
35	Idle Mixture Screw Washer	011428	011428	011428	011428	011428	011428
36	Idle Mixture Screw Packing	011401	011401	011401	011401	011401	011401
37	* Idle Speed Screw	014326	014326	011811	014326	011811	014326
38	Idle Speed Screw Cup	----	----	014478	----	014478	----
39	* Idle Speed Screw Spring	0788	0788	0788	0788	0788	0788
40	* Inlet Control Lever	010513	010513	010513	010513	010513	010513
41	* Inlet Control Lever Fulcrum Pin	013406	013406	013406	013406	013406	013406
42	* Inlet Control Lever Fulcrum Pin Ret. Screw	013269	013269	013269	013269	013269	013269
43	Inlet Needle, Seat & Gasket	014602	014602	014602	014602	014602	014602
44	Inlet Seat Gasket	010165	010165	010165	010165	010165	010165
45	* Inlet Tension Spring	011503	013434	011503	011503	011503	013434
46	Inlet Valve Gasket	014884	----	014884	014884	014884	----
47	* Inlet Valve Diaphragm	014883	----	014883	014883	014883	----
48	Inlet Valve Body	014879	----	014879	014879	014879	----
49	Inlet Valve Body Ret. Screw (6)	014882	----	014882	014882	014882	----
50	High Speed Mixture Screw	014499	014499	----	014499	014499	014964
51	* High Speed Mixture Screw Spring	011103	011103	----	011103	011103	011103
52	High Speed Mixture Screw Washer	03114	03114	----	03114	03114	03114
53	High Speed Mixture Screw Packing	010511	010511	----	010511	010511	010511
53A	Main Fuel Jet (.049)	----	----	011763	----	----	----
53B	Main Fuel Jet Gasket	----	----	010404	----	----	----
53C	Main Fuel Jet Plug Screw	----	----	0675	----	----	----
53D	Main Fuel Jet Plug Screw Gasket	----	----	013094	----	----	----
54	* Nozzle Check Valve	014334	014334	014334	014334	014334	014334
54A	Recirculator Elbow Connector	----	----	----	015664	----	----
55	Throttle Cable Bracket	015000	015000	----	----	----	----
56	Throttle Cable Bracket Ret. Screw & Lkwsr.	015005	015005	----	----	----	----
57	Throttle Cable Clamp	014995	014995	----	----	----	----
58	Throttle Cable Clamp Ret. Nut	014997	014997	----	----	----	----
59	Throttle Cable Clamp Ret. Screw	014998	014998	----	----	----	----
60	Throttle Shaft & Lever	015004	015004	015340	015004	015632	015004
61	Throttle Shaft Clip	09678	09678	09678	09678	09678	09678
62	Throttle Shaft Clip Lockwasher	0992	0992	0992	0992	0992	0992
63	Throttle Shaft Clip Ret. Screw	01974	01974	01974	01974	01974	01974
64	* Throttle Shaft Return Spring	014324	014324	014324	014324	014324	014324
65	Throttle Shutter	014961	014320	014961	014961	014961	014320
66	* Throttle Shutter Screw & Lockwasher (2)	015912	015912	015912	015912	015912	015912
67	* Throttle Wire Ret. Screw	055	055	055	055	055	055
	* Gasket & Packing Set	GS-1HR	GS-1HR	GS-1HR	GS-1HR	GS-1HR	GS-1HR
	Repair Parts Kit	RK-2HR	RK-1HR	RK-2HR	RK-2HR	RK-2HR	RK-1HR
	Diaphragm & Gasket Set	DG-1HR	DG-1HR	DG-1HR	DG-1HR	DG-1HR	DG-1HR

(*) Indicates contents of Repair Parts Kit



BASIC PARTS ILLUSTRATIONS: See front cover for illustrations corresponding to reference numbers in list below.

Carburetor Model	Superseding Model	Equipment
HR-72A		Canadian Curtiss-Wright, Otaco
HR-73A		Bombardier
HR-74A		Bombardier
HR-75A		Bombardier
HR-76A		Bombardier
HR-77A		Bombardier

Ref. No.	Part Name	HR-72A	HR-73A	HR-74A	HR-75A	HR-76A	HR-77A
2	Body Channel Plug Screw	014988	----	----	----	----	----
3	Body Channel Plug Screw	015100	----	----	----	----	----
4	* Body Channel Welch Plug (2)	02531	02531	02531	02531	02531	02531
6	Choke Friction Ball	04784	04784	04784	04784	04784	04784
7	Choke Friction Spring	08805	08805	08805	08805	08805	08805
11	Choke Shaft & Lever	015069	----	----	----	----	014966
11A	Choke Shaft & Pin Assembly	----	015604	015604	015604	015604	----
12	Choke Shutter	014962	014621	014621	014962	014962	014962
13	Choke Shutter Screw & Lockwasher (2)	08942	015912	015912	015912	015912	015912
16	* Choke Wire Ret. Screw	055	----	----	----	----	----
17	Diaphragm Gasket	012473	012473	012473	012473	012473	012473
18	* Diaphragm	012475	012475	012475	012475	012475	012475
19	Diaphragm Cover	014877	013228	013228	014877	014877	014877
21	Flange Gasket	014319	014319 (2)	014319 (2)	014319 (2)	014319 (2)	014319 (2)
22	Fuel Pump Gasket	014881	012930	012930	014881	014881	014881
23	* Fuel Pump Diaphragm	014880	----	----	014880	014880	014880
24	* Fuel Pump Diaphragm (Pulse)	----	014230	014230	----	----	----
25	* Fuel Pump Diaphragm (Valve)	----	014229	014229	----	----	----
26	Fuel Pump Body	014878	013335	013335	014878	014878	014878
27	Fuel Pump Body Screw & Lockwasher (6)	----	010098	010098	----	----	----
28	* Fuel Strainer Screen	011516	011516	011516	011516	011516	011516
29	Fuel Strainer Cover Gasket	010529	014804	010529	014804	014804	010529
30	Fuel Strainer Cover	014937	----	014937	----	----	014937
31	* Fuel Strainer Cover Ret. Screw	010571	----	010571	----	----	010571
32	Idle Mixture Screw	015036	014971	014971	014971	014971	014971
34	* Idle Mixture Screw Spring	08793	08793	08793	08793	08793	08793
35	Idle Mixture Screw Washer	011428	011428	011428	011428	011428	011428
36	Idle Mixture Screw Packing	011401	011401	011401	011401	011401	011401
37	* Idle Speed Screw	014326	011811	011811	011811	011811	011811
38	Idle Speed Screw Cup	----	014478	014478	014478	014478	014478
39	* Idle Speed Screw Spring	0788	0788	0788	0788	0788	0788
40	* Inlet Control Lever	010513	010513	010513	010513	010513	010513
41	* Inlet Control Lever Fulcrum Pin	013406	013406	013406	013406	013406	013406
42	* Inlet Control Lever Fulcrum Pin Ret. Screw	013269	013269	013269	013269	013269	013269
43	Inlet Needle, Seat & Gasket	014602	014602	014602	014602	014602	014602
44	Inlet Seat Gasket	010165	010165	010165	010165	010165	010165
45	* Inlet Tension Spring	011503	011503	011503	011503	011503	011503
46	Inlet Valve Gasket	014884	----	----	014884	014884	014884
47	* Inlet Valve Diaphragm	014883	----	----	014883	014883	014883
48	Inlet Valve Body	014879	----	----	014879	014879	014879
49	Inlet Valve Body Ret. Screw (6)	014882	----	----	014882	014882	014882
50	High Speed Mixture Screw	014499	----	014323	014964	014964	014964
51	* High Speed Mixture Screw Spring	011103	----	011103	011103	011103	011103
52	High Speed Mixture Screw Washer	03114	----	03114	03114	03114	03114
53	High Speed Mixture Screw Packing	010511	----	010511	010511	010511	010511
53A	Main Fuel Jet (.042)	----	015605	----	----	----	----
53B	Main Fuel Jet Gasket	----	010404	----	----	----	----
53C	Main Fuel Jet Plug Screw	----	0675	----	----	----	----
53D	Main Fuel Jet Plug Screw Gasket	----	013094	----	----	----	----
54	* Nozzle Check Valve	014334	014334	014334	014334	014334	014334
55	Throttle Cable Bracket	----	----	----	----	----	015000
56	Throttle Cable Bracket Ret. Screw & Lkwshr	----	----	----	----	----	015005
57	Throttle Cable Clamp	----	----	----	----	----	014995
58	Throttle Cable Clamp Ret. Nut	----	----	----	----	----	014997
59	Throttle Cable Clamp Ret. Screw	----	----	----	----	----	014998
60	Throttle Shaft & Lever	015004	015340	015340	015340	015340	015340
61	Throttle Shaft Clip	09678	09678	09678	09678	09678	09678
62	Throttle Shaft Clip Lockwasher	0992	0992	0992	0992	0992	0992
63	Throttle Shaft Clip Ret. Screw	01974	01974	01974	01974	01974	01974
64	* Throttle Shaft Return Spring	014324	014324	014324	014324	014324	014324
65	Throttle Shutter	014961	014320	014320	014961	014961	014961
66	* Throttle Shutter Screw & Lockwasher (2)	015912	015912	015912	015912	015912	015912
67	* Throttle Wire Ret. Screw	055	055	055	055	055	055
	* Gasket & Packing Set	GS-1HR	GS-1HR	GS-1HR	GS-1HR	GS-1HR	GS-1HR
	Repair Parts Kit	RK-2HR	RK-1HR	RK-1HR	RK-2HR	RK-2HR	RK-2HR
	Diaphragm & Gasket Set	DG-1HR	DG-1HR	DG-1HR	DG-1HR	DG-1HR	DG-1HR

(*) Indicates contents of Repair Parts Kit



BASIC PARTS ILLUSTRATIONS: See front cover for illustrations corresponding to reference numbers in list below.

Carburetor Model	Superseding Model	Equipment
HR-78A		Kohler, Kohler of Canada
HR-79A	HR-79B	Kohler of Canada
HR-79B		Ariens, Gilson Bros., Herters, Kohler, Kohler of Canada
HR-81A		McKee Bros. Ltd.
HR-82A		Skiroule
HR-83A		New Holland Div. Sperry Rand

Ref. No.	Part Name	HR-78A	HR-79A	HR-79B	HR-81A	HR-82A	HR-83A
1	Body Channel Inlet Screen	----	010301	010301	----	----	----
2	Body Channel Plug Screw	014988	014988	014988	014988	014988	014988
3	Body Channel Plug Screw	----	0244	----	015100	----	015100
3A	Body Channel Plug Screw	013945	----	----	----	----	----
3B	Body Channel Plug Screw Gasket	013094	----	----	----	----	----
4	* Body Channel Welch Plug (2)	02531	02531	02531	02531	02531	02531
5	* Body Channel Welch Plug	----	----	----	----	----	013737
6	Choke Friction Ball	04784	04784	04784	04784	04784	04784
7	Choke Friction Spring	08805	08805	08805	08805	08805	08805
8	Choke Lever Assembly	015037	015037	015037	----	----	----
9	Choke Lever Ret. Screw	0240	0240	0240	----	----	----
10	Choke Shaft	015343	015343	015343	----	----	----
11	Choke Shaft & Lever	----	----	----	015003	015677	015695
12	Choke Shutter	014621	014962	014962	014621	014962	014621
13	Choke Shutter Screw & Lockwasher (2)	08942	08942	08942	015912	015912	08942
16	* Choke Wire Ret. Screw	055	055	055	055	----	055
17	Diaphragm Gasket	012473	012473	012473	012473	012473	012473
18	* Diaphragm	012475	012475	012475	012475	012475	012475
19	Diaphragm Cover	014584	015424	015424	013228	014402	013228
20	Economiser Check Ball	----	----	----	----	----	05322
21	Flange Gasket	014319	014319	014319	014319	014319	014319
22	Fuel Pump Gasket	012930	014881	014881	012930	012930	012930
23	* Fuel Pump Diaphragm	----	014880	014880	----	----	----
24	* Fuel Pump Diaphragm (Pulse)	014230	----	----	014230	014230	014230
25	* Fuel Pump Diaphragm (Valve)	014229	----	----	014229	014229	014229
26	Fuel Pump Body	013335	014878	014878	013335	013335	013335
27	Fuel Pump Body Screw & Lockwasher (6)	010098	----	----	010098	010098	010098
28	* Fuel Strainer Screen	011516	011516	011516	011516	011516	011516
29	Fuel Strainer Cover Gasket	010529	010529	010529	010529	010529	010529
30	Fuel Strainer Cover	014937	014937	014937	014937	014937	014937
31	* Fuel Strainer Cover Ret. Screw	010571	010571	010571	010571	010571	010571
32	Idle Mixture Screw	015036	015036	015036	014321	014321	014321
34	* Idle Mixture Screw Spring	08793	08793	08793	08793	08793	08793
35	Idle Mixture Screw Washer	011428	011428	011428	011428	011428	011428
36	Idle Mixture Screw Packing	011401	011401	011401	011401	011401	011401
37	* Idle Speed Screw	014326	014326	014326	014326	014326	014326
39	* Idle Speed Screw Spring	0788	0788	0788	0788	0788	0788
40	* Inlet Control Lever	010513	010513	010513	010513	010513	010513
41	* Inlet Control Lever Fulcrum Pin	013406	013406	013406	013406	013406	013406
42	* Inlet Control Lever Fulcrum Pin Ret. Screw	013269	013269	013269	013269	013269	013269
43	Inlet Needle, Seat & Gasket	014602	014602	014602	014602	014602	014602
44	Inlet Seat Gasket	010165	010165	010165	010165	010165	010165
45	* Inlet Tension Spring	013434	011503	011503	013434	011503	013434
46	Inlet Valve Gasket	----	014884	014884	----	----	----
47	* Inlet Valve Diaphragm	----	014883	014883	----	----	----
48	Inlet Valve Body	----	014879	014879	----	----	----
49	Inlet Valve Body Ret. Screw (6)	----	014882	014882	----	----	----
50	High Speed Mixture Screw	014499	014499	014964	014964	014499	014499
51	* High Speed Mixture Screw Spring	011103	011103	011103	011103	011103	011103
52	High Speed Mixture Screw Washer	03114	03114	03114	03114	03114	03114
53	High Speed Mixture Screw Packing	010511	010511	010511	010511	010511	010511
54	* Nozzle Check Valve	014334	014334	014334	014334	014334	014334
54A	Recirculator Elbow Connector	----	----	015664	----	----	----
55	Throttle Cable Bracket	----	----	----	----	015000	----
56	Throttle Cable Bracket Ret. Screw & Lkwshr	----	----	----	----	015005	----
57	Throttle Cable Clamp	----	----	----	----	014995	----
58	Throttle Cable Clamp Ret. Nut	----	----	----	----	014997	----
59	Throttle Cable Clamp Ret. Screw	----	----	----	----	014998	----
60	Throttle Shaft & Lever	----	----	----	015004	015004	015224
60A	Throttle Shaft & Lever	015662	015668	015668	----	----	----
61	Throttle Shaft Clip	09678	09678	09678	09678	09678	09678
62	Throttle Shaft Clip Lockwasher	0992	0992	0992	0992	0992	0992
63	Throttle Shaft Clip Ret. Screw	01974	01974	01974	01974	01974	01974
64	* Throttle Shaft Return Spring	014324	014324	014324	014324	014324	014324
65	Throttle Shutter	014320	014961	014961	014320	014961	014320
66	* Throttle Shutter Screw & Lockwasher (2)	015912	015912	015912	015912	015912	015912
66A	Throttle Wire Connection	015661	015661	015661	----	----	----
66B	Throttle Wire Connection Cotter Pin	0379	0379	0379	----	----	----
66C	Throttle Wire Connection Washer	05413	05413	05413	----	----	----
67	* Throttle Wire Ret. Screw	055	055	055	055	055	055
	* Gasket & Packing Set	GS-1HR	GS-1HR	GS-1HR	GS-1HR	GS-1HR	GS-1HR
	Repair Parts Kit	RK-1HR	RK-2HR	RK-2HR	RK-1HR	RK-1HR	RK-1HR
	Diaphragm & Gasket Set	DG-1HR	DG-1HR	DG-1HR	DG-1HR	DG-1HR	DG-1HR

(*) Indicates contents of Repair Parts Kit



BASIC PARTS ILLUSTRATIONS: See front cover for illustrations corresponding to reference numbers in list below.

Carburetor Model	Superseding Model	Equipment
HR-84A		.Kiekhaefer
HR-86A		.Recreatives
HR-87A		.F T S Corporation
HR-88A		.Alsport
HR-89A	HR-89A1	.FMC Bolens Div., Gutbrod
HR-89A1		.FMC Bolens Div., Gutbrod

Ref. No.	Part Name	HR-84A	HR-86A	HR-87A	HR-88A	HR-89A	HR-89A1
2	Body Channel Plug Screw	014988	014988	014988	014988	014988	014988
3	Body Channel Plug Screw	----	015100	----	----	015100	015100
4	*Body Channel Welch Plug (2)	02531	02531	02531	02531	02531	02531
5	*Body Channel Welch Plug	----	013737	013737	----	013737	013737
6	Choke Friction Ball	04784	04784	04784	04784	04784	04784
7	Choke Friction Spring	08805	08805	08805	08805	08805	08805
8	Choke Lever Assembly	----	015037	----	----	----	----
9	Choke Lever Ret. Screw	----	0240	----	----	----	----
10	Choke Shaft	----	015034	----	----	015068	015068
11	Choke Shaft & Lever	015787	----	015695	015003	----	----
12	Choke Shutter	014621	014621	014621	014621	014621	014621
13	Choke Shutter Screw & Lockwasher (2)	08942	08942	08942	015912	015912	08942
16	*Choke Wire Ret. Screw	----	055	055	055	----	----
17	Diaphragm Gasket	012473	012473	012473	012473	012473	012473
18	*Diaphragm	012475	012475	012475	012475	012475	012475
19	Diaphragm Cover	015713	014402	013228	013228	015713	015713
20	Economiser Check Ball	----	05322	05322	----	05322	05322
21	Flange Gasket	014319	014319	014319	014319	014319	014319
21A	Flange Insulator Sleeve (2)	----	----	----	----	014580	014580
21B	Flange Insulator Washer (2)	----	----	----	----	014579	014579
22	Fuel Pump Gasket	012930	012930	012930	012930	012930	012930
24	*Fuel Pump Diaphragm (Pulse)	014230	014230	014230	014230	014230	014230
25	*Fuel Pump Diaphragm (Valve)	014229	014229	014229	014229	014229	014229
26	Fuel Pump Body	013335	013335	013335	013335	013335	013335
27	Fuel Pump Body Screw & Lockwasher (6)	010098	010098	010098	010098	010098	010098
28	*Fuel Strainer Screen	011516	011516	011516	011516	011516	011516
29	Fuel Strainer Cover Gasket	010529	010529	010529	010529	010529	010529
30	Fuel Strainer Cover	014937	014937	014937	014937	014937	014937
31	*Fuel Strainer Cover Ret. Screw	010571	010571	010571	010571	010571	010571
32	Idle Mixture Screw	015036	014321	014321	014321	014321	014321
34	*Idle Mixture Screw Spring	08793	08793	08793	08793	08793	08793
35	Idle Mixture Screw Washer	011428	011428	011428	011428	011428	011428
36	Idle Mixture Screw Packing	011401	011401	011401	011401	011401	011401
37	*Idle Speed Screw	014326	014326	014326	014326	014326	014326
39	*Idle Speed Screw Spring	0788	0788	0788	0788	0788	0788
40	*Inlet Control Lever	010513	010513	010513	010513	010513	010513
41	*Inlet Control Lever Fulcrum Pin	013406	013406	013406	013406	013406	013406
42	*Inlet Control Lever Fulcrum Pin Ret. Screw	013269	013269	013269	013269	013269	013269
43	Inlet Needle, Seat & Gasket	014602	014602	014602	014602	014602	014602
44	Inlet Seat Gasket	010165	010165	010165	010165	010165	010165
45	*Inlet Tension Spring	013434	013434	013434	013434	013434	013434
50	High Speed Mixture Screw	014499	014499	014499	014964	014499	014499
51	*High Speed Mixture Screw Spring	011103	011103	011103	011103	011103	011103
52	High Speed Mixture Screw Washer	03114	03114	03114	03114	03114	03114
53	High Speed Mixture Screw Packing	010511	010511	010511	010511	010511	010511
54	*Nozzle Check Valve	014334	014334	014334	014334	014334	014334
55	Throttle Cable Bracket	----	----	015000	015000	----	----
56	Throttle Cable Bracket Ret. Screw & Lkwshr.	----	----	015005	015005	----	----
57	Throttle Cable Clamp	----	----	014995	014995	----	----
58	Throttle Cable Clamp Ret. Nut	----	----	014997	014997	----	----
59	Throttle Cable Clamp Ret. Screw	----	----	014998	014998	----	----
60	Throttle Shaft & Lever	----	015004	015004	015004	----	016077
60A	Throttle Shaft & Lever	015415	----	----	----	015353	----
61	Throttle Shaft Clip	09678	09678	09678	09678	09678	09678
62	Throttle Shaft Clip Lockwasher	0992	0992	0992	0992	0992	0992
63	Throttle Shaft Clip Ret. Screw	01974	01974	01974	01974	01974	01974
64	*Throttle Shaft Return Spring	014324	014324	014324	014324	014324	014324
65	Throttle Shutter	014320	014320	014320	014320	014320	014320
66	*Throttle Shutter Screw & Lockwasher (2)	015912	015912	015912	015912	015912	08942
67	*Throttle Wire Ret. Screw	055	055	055	055	055	055
	*Gasket & Packing Set	GS-1HR	GS-1HR	GS-1HR	GS-1HR	GS-1HR	GS-1HR
	Repair Parts Kit	RK-1HR	RK-1HR	RK-1HR	RK-1HR	RK-1HR	RK-1HR
	Diaphragm & Gasket Set	DG-1HR	DG-1HR	DG-1HR	DG-1HR	DG-1HR	DG-1HR

(*) Indicates contents of Repair Parts Kit



BASIC PARTS ILLUSTRATIONS: See front cover for illustrations corresponding to reference numbers in list below.

Carburetor Model	Superseding Model	Equipment
HR-90A		.Skiroule
HR-91A		.Featherweight
HR-92A		.Canadian Curtiss-Wright, Northway Snowmobiles
HR-93A		.Coot Inc.
HR-94A		.Boatel
HR-95A		.Scorpion

Ref. No.	Part Name	HR-90A	HR-91A	HR-92A	HR-93A	HR-94A	HR-95A
2	Body Channel Plug Screw	014988	014988	014988	014988	014988	014988
3	Body Channel Plug Screw	----	015100	----	015100	015100	----
4	*Body Channel Welch Plug (2)	02531	02531	02531	02531	02531	02531
5	*Body Channel Welch Plug	----	----	----	013737	----	----
6	Choke Friction Ball	04784	04784	04784	04784	04784	04784
7	Choke Friction Spring	08805	08805	08805	08805	08805	08805
8	Choke Lever Assembly	----	015037	----	----	015037	----
9	Choke Lever Ret. Screw	----	0240	----	----	0240	----
10	Choke Shaft	----	015068	----	----	015034	----
11	Choke Shaft & Lever	015677	----	015069	015003	----	015003
12	Choke Shutter	014621	014962	014621	014621	014621	014962
13	Choke Shutter Screw & Lockwasher (2)	015912	015912	08942	015912	08942	015912
16	*Choke Wire Retaining Screw	----	055	055	055	055	055
17	Diaphragm Gasket	012473	012473	012473	012473	012473	012473
18	*Diaphragm	012475	012475	012475	012475	012475	012475
19	Diaphragm Cover	015424	015080	015713	014402	015713	015080
20	Economiser Check Ball	----	----	----	05322	----	----
21	Flange Gasket	014319	014319	014319	014319	014319	014319
22	Fuel Pump Gasket	014881	014881	012930	012930	012930	014881
23	*Fuel Pump Diaphragm	014880	014880	----	----	----	014880
24	*Fuel Pump Diaphragm (Pulse)	----	----	014230	014230	014230	----
25	*Fuel Pump Diaphragm (Valve)	----	----	014229	014229	014229	----
26	Fuel Pump Body	014878	014878	013335	013335	013335	014878
27	Fuel Pump Body Screw & Lockwasher (6)	----	----	010098	010098	010098	----
28	*Fuel Strainer Screen	011516	011516	011516	011516	011516	011516
29	Fuel Strainer Cover Gasket	010529	010529	010529	010529	010529	014804
30	Fuel Strainer Cover	014937	014937	014937	014937	014937	----
31	*Fuel Strainer Cover Ret. Screw	010571	010571	010571	010571	010571	----
32	Idle Mixture Screw	015036	014321	015036	014321	015036	014321
33	Idle Mixture Screw Cup	----	014478	----	----	----	----
34	*Idle Mixture Screw Spring	08793	08793	08793	08793	08793	08793
35	Idle Mixture Screw Washer	011428	011428	011428	011428	011428	011428
36	Idle Mixture Screw Packing	011401	011401	011401	011401	011401	011401
37	*Idle Speed Screw	014326	011811	014326	014326	014326	014326
38	Idle Speed Screw Cup	----	014478	----	----	----	----
39	*Idle Speed Screw Spring	0788	0788	0788	0788	0788	0788
40	*Inlet Control Lever	010513	010513	010513	010513	010513	010513
41	*Inlet Control Lever Fulcrum Pin	013406	013406	013406	013406	013406	013406
42	*Inlet Control Lever Fulcrum Pin Ret. Screw	013269	013269	013269	013269	013269	013269
43	Inlet Needle, Seat & Gasket	014602	014602	014602	014602	014602	014602
44	Inlet Seat Gasket	010165	010165	010165	010165	010165	010165
45	*Inlet Tension Spring	013434	011503	013434	013434	011503	011503
46	Inlet Valve Gasket	014884	014884	----	----	----	014884
47	*Inlet Valve Diaphragm	014883	014883	----	----	----	014883
48	Inlet Valve Body	014879	014879	----	----	----	014879
49	Inlet Valve Body Ret. Screw (6)	014882	014882	----	----	----	014882
50	High Speed Mixture Screw	014499	014499	014499	014499	014499	014499
51	*High Speed Mixture Screw Spring	011103	011103	011103	011103	011103	011103
52	High Speed Mixture Screw Washer	03114	03114	03114	03114	03114	03114
53	High Speed Mixture Screw Packing	010511	010511	010511	010511	010511	010511
54	*Nozzle Check Valve	014334	014334	014334	014334	014334	014334
55	Throttle Cable Bracket	015000	----	015000	----	----	015000
56	Throttle Cable Bracket Ret. Screw & Lkwshr	015005	----	015005	----	----	015005
57	Throttle Cable Clamp	014995	----	014995	----	----	014995
58	Throttle Cable Clamp Ret. Nut	014997	----	014997	----	----	014997
59	Throttle Cable Clamp Ret. Screw	014998	----	014998	----	----	014998
60	Throttle Shaft & Lever	015004	015004	015004	015004	015004	015004
61	Throttle Shaft Clip	09678	09678	09678	09678	09678	09678
62	Throttle Shaft Clip Lockwasher	0992	0992	0992	0992	0992	0992
63	Throttle Shaft Clip Ret. Screw	01974	01974	01974	01974	01974	01974
64	*Throttle Shaft Return Spring	014324	014324	014324	014324	014324	014324
65	Throttle Shutter	014320	014961	014320	014320	014320	014961
66	*Throttle Shutter Screw & Lockwasher (2)	015912	015912	015912	015912	015912	015912
67	*Throttle Wire Ret. Screw	055	055	055	055	055	055
	*Gasket & Packing Set	GS-1HR	GS-1HR	GS-1HR	GS-1HR	GS-1HR	GS-1HR
	Repair Parts Kit	RK-2HR	RK-2HR	RK-1HR	RK-1HR	RK-1HR	RK-2HR
	Diaphragm & Gasket Set	DG-1HR	DG-1HR	DG-1HR	DG-1HR	DG-1HR	DG-1HR

(*) Indicates contents of Repair Parts Kit



BASIC PARTS ILLUSTRATIONS: See front cover for illustrations corresponding to reference numbers in list below.

Carburetor Model	Superseding Model	Equipment
HR-98A		Scorpion
HR-99A		Canadian Curtiss-Wright, Northway Snowmobiles
HR-100A		Canadian Curtiss-Wright, Northway Snowmobiles
HR-101A		Canadian Curtiss-Wright, Valcartier
HR-104A		AMF
HR-105A		Kohler, Kohler of Canada

Ref. No.	Part Name	HR-98A	HR-99A	HR-100A	HR-101A	HR-104A	HR-105A
1	Body Channel Inlet Screen	----	----	----	----	----	010301
2	Body Channel Plug Screw	014988	014988	014988	014988	014988	014988
3	Body Channel Plug Screw	----	----	----	----	015100	----
4	*Body Channel Welch Plug (2)	02531	02531	02531	02531	02531	02531
6	Choke Friction Ball	04784	04784	04784	04784	04784	04784
7	Choke Friction Spring	08805	08805	08805	08805	08805	08805
8	Choke Lever Assembly	----	----	----	----	----	015037
9	Choke Lever Ret. Screw	----	----	----	----	----	0240
10	Choke Shaft	----	----	----	----	----	015395
11	Choke Shaft & Lever	015003	015069	015069	015069	015003	----
12	Choke Shutter	014621	014621	014621	014621	014962	014962
13	Choke Shutter Screw & Lockwasher (2)	015912	08942	08942	08942	015912	08942
16	*Choke Wire Ret. Screw	055	055	055	055	055	055
17	Diaphragm Gasket	012473	012473	012473	012473	012473	012473
18	*Diaphragm	012475	012475	012475	012475	012475	012475
19	Diaphragm Cover	015713	015424	015424	015713	014877	015424
21	Flange Gasket	014319	014319	014319	014319	014319	014319
22	Fuel Pump Gasket	012930	014881	014881	012930	014881	014881
23	*Fuel Pump Diaphragm	----	014880	014880	----	014880	014880
24	*Fuel Pump Diaphragm (Pulse)	014230	----	----	014230	----	----
25	*Fuel Pump Diaphragm (Valve)	014229	----	----	014229	----	----
26	Fuel Pump Body	013335	014878	014878	013335	014878	014878
27	Fuel Pump Body Screw & Lockwasher (6)	010098	----	----	010098	----	----
28	*Fuel Strainer Screen	011516	011516	011516	011516	011516	011516
29	Fuel Strainer Cover Gasket	014804	010529	010529	010529	010529	010529
30	Fuel Strainer Cover	----	014937	014937	014937	014937	014937
31	*Fuel Strainer Cover Ret. Screw	----	010571	010571	010571	010571	010571
32	Idle Mixture Screw	015036	015036	015036	015036	014321	015036
34	*Idle Mixture Screw Spring	08793	08793	08793	08793	08793	08793
35	Idle Mixture Screw Washer	011428	011428	011428	011428	011428	011428
36	Idle Mixture Screw Packing	011401	011401	011401	011401	011401	011401
37	*Idle Speed Screw	014326	014326	014326	014326	011811	011811
38	Idle Speed Screw Cup	----	----	----	----	010050	014478
39	*Idle Speed Screw Spring	0788	0788	0788	0788	0788	0788
40	*Inlet Control Lever	010513	010513	010513	010513	010513	010513
41	*Inlet Control Lever Fulcrum Pin	013406	013406	013406	013406	013406	013406
42	*Inlet Control Lever Fulcrum Pin Ret. Screw	013269	013269	013269	013269	013269	013269
43	Inlet Needle, Seat & Gasket	014602	014602	014602	014602	014602	014602
44	Inlet Seat Gasket	010165	010165	010165	010165	010165	010165
45	*Inlet Tension Spring	011503	013434	011503	011503	011503	011503
46	Inlet Valve Gasket	----	014884	014884	----	014884	014884
47	*Inlet Valve Diaphragm	----	014883	014883	----	014883	014883
48	Inlet Valve Body	----	014879	014879	----	014879	014879
49	Inlet Valve Body Ret. Screw (6)	----	014882	014882	----	014882	014882
50	High Speed Mixture Screw	014499	014499	014499	014499	014499	014499
51	*High Speed Mixture Screw Spring	011103	011103	011103	011103	011103	011103
52	High Speed Mixture Screw Washer	03114	03114	03114	03114	03114	03114
53	High Speed Mixture Screw Packing	010511	010511	010511	010511	010511	010511
54	*Nozzle Check Valve	014334	014334	014334	014334	014334	014334
54A	Recirculator Elbow Connector	----	----	----	----	----	015664
55	Throttle Cable Bracket	015000	015000	015000	015000	----	----
56	Throttle Cable Bracket Ret. Screw & Lkwshr	015005	015005	015005	015005	----	----
57	Throttle Cable Clamp	014995	014995	014995	014995	----	----
58	Throttle Cable Clamp Ret. Nut	014997	014997	014997	014997	----	----
59	Throttle Cable Clamp Ret. Screw	014998	014998	014998	014998	----	----
60	Throttle Shaft & Lever	015004	015004	015004	015004	015889	015632
61	Throttle Shaft Clip	09678	09678	09678	09678	09678	09678
62	Throttle Shaft Clip Lockwasher	0992	0992	0992	0992	0992	0992
63	Throttle Shaft Clip Ret. Screw	01974	01974	01974	01974	01974	01974
64	*Throttle Shaft Return Spring	014324	014324	014324	014324	014324	014324
65	Throttle Shutter	014320	014320	014320	014320	014961	014961
66	*Throttle Shutter Screw & Lockwasher (2)	015912	015912	015912	015912	015912	015912
67	*Throttle Wire Ret. Screw	055	055	055	055	----	055
	*Gasket & Packing Set	GS-1HR	GS-1HR	GS-1HR	GS-1HR	GS-1HR	GS-1HR
	Repair Parts Kit	RK-1HR	RK-2HR	RK-2HR	RK-1HR	RK-2HR	RK-2HR
	Diaphragm & Gasket Set	DG-1HR	DG-1HR	DG-1HR	DG-1HR	DG-1HR	DG-1HR

(*) Indicates contents of Repair Parts Kit



BASIC PARTS ILLUSTRATIONS: See front cover for illustrations corresponding to reference numbers in list below.

Carburetor Model	Superseding Model	Equipment
HR-106A		.Modern Tool & Die
HR-107A		.Polaris
HR-109A		.Arctic
HR-110A		.Ezee-On-Mfg.
HR-111A		.FMC - Bolens Div., Gutbrod
HR-112A		.Bombardier

Ref. No.	Part Name	HR-106A	HR-107A	HR-109A	HR-110A	HR-111A	HR-112A
1	Body Channel Inlet Screen	----	----	010301	----	----	----
2	Body Channel Plug Screw	014988	014988	----	014988	014988	----
3	Body Channel Plug Screw	015100	----	0244	015100	015100	----
4	*Body Channel Welch Plug (2)	02531	02531	02531	02531	02531	02531
5	*Body Channel Welch Plug	013737	----	----	----	----	----
6	Choke Friction Ball	04784	04784	04784	04784	04784	04784
7	Choke Friction Spring	08805	08805	08805	08805	08805	08805
8	Choke Lever Assembly	----	----	----	015037	015037	----
9	Choke Lever Ret. Screw	----	----	----	0240	0240	----
10	Choke Shaft	----	----	016005	015343	015068	----
11	Choke Shaft & Lever	015069	015003	----	----	----	016038
12	Choke Shutter	014621	014962	014962	014621	014621	014962
13	Choke Shutter Screw & Lockwasher (2)	08942	015912	08942	08942	015912	015912
16	*Choke Wire Ret. Screw	055	055	----	055	055	055
17	Diaphragm Gasket	012473	012473	012473	012473	012473	012473
18	*Diaphragm	012475	012475	012475	012475	012475	012475
19	Diaphragm Cover	014402	015080	015348	015424	015080	014877
20	Economiser Check Ball	05322	----	----	----	----	----
21	Flange Gasket	014319	014319	014319	014319	014319	014319(2)
21A	Flange Insulator Sleeve (2)	----	----	----	----	014580	----
21B	Flange Insulator Washer (2)	----	----	----	----	014579	----
22	Fuel Pump Gasket	012930	014881	014881	014881	014881	014881
23	*Fuel Pump Diaphragm	----	014880	014880	014880	014880	014880
24	*Fuel Pump Diaphragm (Pulse)	014230	----	----	----	----	----
25	*Fuel Pump Diaphragm (Valve)	014229	----	----	----	----	----
26	Fuel Pump Body	013335	014878	014878	014878	014878	014878
27	Fuel Pump Body Screw & Lockwasher (6)	010098	----	----	----	----	----
28	*Fuel Strainer Screen	011516	011516	011516	011516	011516	011516
29	Fuel Strainer Cover Gasket	010529	010529	010529	014804	010529	----
30	Fuel Strainer Cover	014937	014937	014937	----	014937	----
31	*Fuel Strainer Cover Ret. Screw	010571	010571	010571	----	010571	----
32	Idle Mixture Screw	014321	014321	014971	015036	014321	014971
34	*Idle Mixture Screw Spring	08793	08793	08793	08793	08793	08793
35	Idle Mixture Screw Washer	011428	011428	011428	011428	011428	011428
36	Idle Mixture Screw Packing	011401	011401	011401	011401	011401	011401
37	*Idle Speed Screw	014326	014326	011811	014326	014326	011811
38	Idle Speed Screw Cup	----	----	014478	----	----	014478
39	*Idle Speed Screw Spring	0788	0788	0788	0788	0788	0788
40	*Inlet Control Lever	010513	010513	010513	010513	010513	010513
41	*Inlet Control Lever Fulcrum Pin	013406	013406	013406	013406	013406	013406
42	*Inlet Control Lever Fulcrum Pin Ret. Screw	013269	013269	013269	013269	013269	013269
43	Inlet Needle, Seat & Gasket	014602	014602	014602	014602	014602	014602
44	Inlet Seat Gasket	010165	010165	010165	010165	010165	010165
45	*Inlet Tension Spring	013434	011503	011503	013434	011503	011503
46	Inlet Valve Gasket	----	014884	014884	014884	014884	014884
47	*Inlet Valve Diaphragm	----	014883	014883	014883	014883	014883
48	Inlet Valve Body	----	014879	014879	014879	014879	014879
49	Inlet Valve Body Ret. Screw (6)	----	014882	014882	014882	014882	014882
50	High Speed Mixture Screw	014499	014499	014499	014499	015880	014964
51	*High Speed Mixture Screw Spring	011103	011103	011103	011103	011103	011103
52	High Speed Mixture Screw Washer	03114	03114	03114	03114	03114	03114
53	High Speed Mixture Screw Packing	010511	010511	010511	010511	010511	010511
54	*Nozzle Check Valve	014334	014334	014334	014334	014334	014334
55	Throttle Cable Bracket	----	015000	----	----	----	015000
56	Throttle Cable Bracket Ret. Screw & Lkwsr	----	015005	----	----	----	015005
57	Throttle Cable Clamp	----	014995	----	----	----	014995
58	Throttle Cable Clamp Ret. Nut	----	014997	----	----	----	014997
59	Throttle Cable Clamp Ret. Screw	----	014998	----	----	----	014998
	Throttle Lever Assembly	----	----	----	015037	----	----
	Throttle Lever Clamp Screw	----	----	----	0240	----	----
60	Throttle Shaft & Lever	015224	015963	015632	016023	015878	015340
61	Throttle Shaft Clip	09678	09678	09678	09678	09678	09678
62	Throttle Shaft Clip Lockwasher	0992	0992	0992	0992	0992	0992
63	Throttle Shaft Clip Ret. Screw	01974	01974	01974	01974	01974	01974
64	*Throttle Shaft Return Spring	014324	015965	014324	014324	014324	014324
64A	Throttle Shaft Seal (Large)	----	015964	----	----	----	----
64B	Throttle Shaft Seal (Small)	----	016279	----	----	----	----
64C	Throttle Shaft Seal Retainer	----	015966	----	----	----	----
65	Throttle Shutter	014320	014961	014961	014320	014320	014961
66	*Throttle Shutter Screw & Lockwasher (2)	015912	08942	015912	08942	08942	015912
67	*Throttle Wire Ret. Screw	055	055	055	055	055	055
	*Gasket & Packing Set	GS-1HR	GS-1HR	GS-1HR	GS-1HR	GS-1HR	GS-1HR
	Repair Parts Kit	RK-1HR	RK-2HR	RK-2HR	RK-2HR	RK-2HR	RK-2HR
	Diaphragm & Gasket Set	DG-1HR	DG-1HR	DG-1HR	DG-1HR	DG-1HR	DG-1HR

(*) Indicates contents of Repair Parts Kit



BASIC PARTS ILLUSTRATIONS: See front cover for illustrations corresponding to reference numbers in list below.

Carburetor Model	Superseding Model	Equipment
HR-113A.		.Kiekhaefer
HR-114A.		.Fichtel & Sachs
HR-115A.		.Scorpion
HR-116A.		.Scorpion
HR-117A.		.Moto-Ski
HR-118A.		.Moto-Ski

Ref. No.	Part Name	HR-113A	HR-114A	HR-115A	HR-116A	HR-117A	HR-118A
2	Body Channel Plug Screw.	014988	014988	014988	014988	----	----
3	Body Channel Plug Screw.	----	015100	----	----	----	----
4	*Body Channel Welch Plug (2).	02531	02531	02531	02531	02531	02531
5	*Body Channel Welch Plug.	----	013737	----	----	----	----
6	Choke Friction Ball.	04784	04784	04784	04784	04784	04784
7	Choke Friction Spring.	08805	08805	08805	08805	08805	08805
11	Choke Shaft & Lever.	015787	015003	015003	015003	015003	015003
12	Choke Shutter.	014962	014621	014962	014962	014962	014962
13	Choke Shutter Screw & Lockwasher (2).	08942	08942	015912	015912	015912	08942
16	*Choke Wire Ret. Screw.	----	055	055	055	055	055
17	Diaphragm Gasket.	012473	012473	012473	012473	012473	012473
18	*Diaphragm.	012475	012475	012475	012475	012475	012475
19	Diaphragm Cover.	015713	014402	015713	015080	015080	015080
20	Economiser Check Ball.	----	05322	----	----	----	----
21	Flange Gasket.	014319	014319	014319	014319	014319	014319
22	Fuel Pump Gasket.	012930	012930	012930	014881	014881	014881
23	*Fuel Pump Diaphragm.	----	----	----	014880	014880	014880
24	*Fuel Pump Diaphragm (Pulse).	014230	014230	014230	----	----	----
25	*Fuel Pump Diaphragm (Valve).	014229	014229	014229	----	----	----
26	Fuel Pump Body.	013335	013335	013335	014878	014878	014878
27	Fuel Pump Body Screw & Lockwasher (6).	010098	010098	010098	----	----	----
28	*Fuel Strainer Screen.	011516	011516	011516	011516	011516	011516
29	Fuel Strainer Cover Gasket.	010529	010529	010529	010529	010529	010529
30	Fuel Strainer Cover.	014937	014937	014937	014937	014937	014937
31	*Fuel Strainer Cover Ret. Screw.	010571	010571	010571	010571	010571	010571
32	Idle Mixture Screw.	015036	014321	015036	014321	014321	014321
34	*Idle Mixture Screw Spring.	08793	08793	08793	08793	08793	08793
35	Idle Mixture Screw Washer.	011428	011428	011428	011428	011428	011428
36	Idle Mixture Screw Packing.	011401	011401	011401	011401	011401	011401
37	*Idle Speed Screw.	014326	014326	014326	014326	014326	014326
39	*Idle Speed Screw Spring.	0788	0788	0788	0788	0788	0788
40	*Inlet Control Lever.	010513	014020	010513	010513	010513	010513
41	*Inlet Control Lever Fulcrum Pin.	013406	013406	013406	013406	013406	013406
42	*Inlet Control Lever Fulcrum Pin Ret. Screw.	013269	013269	013269	013269	013269	013269
43	Inlet Needle, Seat & Gasket.	014602	015261	014602	014602	014602	014602
44	Inlet Seat Gasket.	010165	010165	010165	010165	010165	010165
45	*Inlet Tension Spring.	013434	013434	011503	011503	011503	011503
46	Inlet Valve Gasket.	----	----	----	014884	014884	014884
47	*Inlet Valve Diaphragm.	----	----	----	014883	014883	014883
48	Inlet Valve Body.	----	----	----	014879	014879	014879
49	Inlet Valve Body Ret. Screw (6).	----	----	----	014882	014882	014882
50	High Speed Mixture Screw.	014499	014499	014499	014499	014499	014499
51	*High Speed Mixture Screw Spring.	011103	011103	011103	011103	011103	011103
52	High Speed Mixture Screw Washer.	03114	03114	03114	03114	03114	03114
53	High Speed Mixture Screw Packing.	010511	010511	010511	010511	010511	010511
54	*Nozzle Check Valve.	014334	014334	014334	014334	014334	014334
55	Throttle Cable Bracket.	----	----	015000	015000	015000	015000
56	Throttle Cable Bracket Ret. Screw & Lkwshr.	----	----	015005	015005	015005	015005
57	Throttle Cable Clamp.	----	----	014995	014995	014995	014995
58	Throttle Cable Clamp Ret. Nut.	----	----	014997	014997	014997	014997
59	Throttle Cable Clamp Ret. Screw.	----	----	014998	014998	014998	014998
60	Throttle Shaft & Lever.	----	015004	016114	016114	----	----
60A	Throttle Shaft & Lever.	015415	----	----	----	016171	016171
61	Throttle Shaft Clip.	09678	09678	09678	09678	09678	09678
62	Throttle Shaft Clip Lockwasher.	0992	0992	0992	0992	0992	0992
63	Throttle Shaft Clip Ret. Screw.	01974	01974	01974	01974	01974	01974
64	*Throttle Shaft Return Spring.	014324	014324	014324	014324	014324	014324
65	Throttle Shutter.	014961	014320	014961	014961	014961	014961
66	*Throttle Shutter Screw & Lockwasher (2).	015912	015912	015912	015912	015912	015912
67	*Throttle Wire Ret. Screw.	055	055	055	055	055	055
	*Gasket & Packing Set.	GS-1HR	GS-1HR	GS-1HR	GS-1HR	GS-1HR	GS-1HR
	Repair Parts Kit.	RK-1HR	RK-1HR	RK-1HR	RK-2HR	RK-2HR	RK-2HR
	Diaphragm & Gasket Set.	DG-1HR	DG-1HR	DG-1HR	DG-1HR	DG-1HR	DG-1HR

(*) Indicates contents of Repair Parts Kit



BASIC PARTS ILLUSTRATIONS: See front cover for illustrations corresponding to reference numbers in list below.

Carburetor Model	Superseding Model	Equipment
HR-119A		.Northway Snowmobiles
HR-120A		.Northway Snowmobiles
HR-121A		.Scorpion
HR-122A		.Skiroule
HR-123A		.Massey-Ferguson
HR-124A		.Kohler of Canada

Ref. No.	Part Name	HR-119A	HR-120A	HR-121A	HR-122A	HR-123A	HR-124A
1	Body Channel Inlet Screen	----	----	----	----	----	010301
2	Body Channel Plug Screw	014988	014988	014988	----	014988	014988
3	Body Channel Plug Screw	015100	----	----	----	015100	----
4	*Body Channel Welch Plug (2)	02531	02531	02531	02531	02531	02531
6	Choke Friction Ball	04784	04784	04784	04784	04784	04784
7	Choke Friction Spring	08805	08805	08805	08805	08805	08805
8	Choke Lever Assembly	----	----	015037	----	015037	016192
9	Choke Lever Ret. Screw	----	----	0240	----	0240	0240
10	Choke Shaft	----	----	015395	----	015395	015343
11	Choke Shaft & Lever	015069	015003	----	015677	----	----
12	Choke Shutter	014962	014962	014962	014962	014962	014962
13	Choke Shutter Screw & Lockwasher (2)	08942	08942	08942	08942	08942	08942
16	*Choke Wire Ret. Screw	055	055	055	----	055	055
17	Diaphragm Gasket	012473	012473	012473	012473	012473	012473
18	*Diaphragm	012475	012475	012475	012475	012475	012475
19	Diaphragm Cover	014877	016167	015348	014402	015348	015424
21	Flange Gasket	014319	014319	014319	014319	014319	014319
22	Fuel Pump Gasket	014881	014881	014881	012930	014881	014881
23	*Fuel Pump Diaphragm	014880	014880	014880	----	014880	014880
24	*Fuel Pump Diaphragm (Pulse)	----	----	----	014230	----	----
25	*Fuel Pump Diaphragm (Valve)	----	----	----	014229	----	----
26	Fuel Pump Body	014878	014878	014878	013335	014878	014878
27	Fuel Pump Body Screw & Lockwasher (6)	----	----	----	010098	----	----
28	*Fuel Strainer Screen	011516	011516	----	----	011516	011516
29	Fuel Strainer Cover Gasket	010529	010529	----	----	010529	010529
30	Fuel Strainer Cover	014937	014937	----	----	014937	014937
31	*Fuel Strainer Cover Ret. Screw	010571	010571	----	----	010571	010571
32	Idle Mixture Screw	015036	015036	015036	014971	014321	015036
34	*Idle Mixture Screw Spring	08793	08793	08793	08793	08793	08793
35	Idle Mixture Screw Washer	011428	011428	011428	011428	011428	011428
36	Idle Mixture Screw Packing	011401	011401	011401	011401	011401	011401
37	*Idle Speed Screw	014326	014326	014326	014326	014326	014326
39	*Idle Speed Screw Spring	0788	0788	0788	0788	0788	0788
40	*Inlet Control Lever	010513	010513	010513	010513	010513	010513
41	*Inlet Control Lever Fulcrum Pin	013406	013406	013406	013406	013406	013406
42	*Inlet Control Lever Fulcrum Pin Ret. Screw	013269	013269	013269	013269	013269	013269
43	Inlet Needle, Seat & Gasket	014602	014602	014602	014602	014602	014602
44	Inlet Seat Gasket	010165	010165	010165	010165	010165	010165
45	*Inlet Tension Spring	011503	011503	011503	011503	011503	011503
46	Inlet Valve Gasket	014884	014884	014884	----	014884	014884
47	*Inlet Valve Diaphragm	014883	014883	014883	----	014883	014883
48	Inlet Valve Body	014879	014879	014879	----	014879	014879
49	Inlet Valve Body Ret. Screw (6)	014882	014882	014882	----	014882	014882
50	High Speed Mixture Screw	014499	014964	014964	014499	014499	014499
51	*High Speed Mixture Screw Spring	011103	011103	011103	011103	011103	011103
52	High Speed Mixture Screw Washer	03114	03114	03114	03114	03114	03114
53	High Speed Mixture Screw Packing	010511	010511	010511	010511	010511	010511
54	*Nozzle Check Valve	014334	014334	014334	014334	014334	014334
54A	Recirculator Elbow Connector	----	----	----	----	----	015664
55	Throttle Cable Bracket	----	015000	----	015000	----	----
56	Throttle Cable Bracket Ret. Screw & Lkwshr	----	015005	----	015005	----	----
57	Throttle Cable Clamp	----	014995	----	014995	----	----
58	Throttle Cable Clamp Ret. Nut	----	014997	----	014997	----	----
59	Throttle Cable Clamp Ret. Screw	----	014998	----	014998	----	----
60	Throttle Shaft & Lever	015004	015004	016114	015004	016189	----
60A	Throttle Shaft & Lever	----	----	----	----	----	015662
61	Throttle Shaft Clip	09678	09678	09678	09678	09678	09678
62	Throttle Shaft Clip Lockwasher	0992	0992	0992	0992	0992	0992
63	Throttle Shaft Clip Ret. Screw	01974	01974	01974	01974	01974	01974
64	*Throttle Shaft Return Spring	014324	014324	014324	014324	014324	014324
65	Throttle Shutter	014961	014961	014961	014961	014961	014961
66	*Throttle Shutter Screw & Lockwasher (2)	015912	015912	015912	015912	015912	015912
66A	Throttle Wire Connection	----	----	----	----	----	015661
66B	Throttle Wire Connection Cotter Pin	----	----	----	----	----	0379
66C	Throttle Wire Connection Washer	----	----	----	----	----	05413
67	*Throttle Wire Ret. Screw	055	055	055	055	055	055
	*Gasket & Packing Set	GS-1HR	GS-1HR	GS-1HR	GS-1HR	GS-1HR	GS-1HR
	Repair Parts Kit	RK-2HR	RK-2HR	RK-2HR	RK-1HR	RK-2HR	RK-2HR
	Diaphragm & Gasket Set	DG-1HR	DG-1HR	DG-1HR	DG-1HR	DG-1HR	DG-1HR

(*) Indicates contents of Repair Parts Kit



Carburetor Model	Superseding Model	Equipment
HR-125A.		.Swinger Snowmobiles
HR-126A.		.Moto-Ski
HR-127A.		.Polaris
HR-128A.		.Bombardier
HR-129A.		.Sno-Jet
HR-130A.		.Sno-Jet

Ref. No.	Part Name	HR-125A	HR-126A	HR-127A	HR-128A	HR-129A	HR-130A
2	Body Channel Plug Screw.	014988	----	014988	----	014988	014988
3	Body Channel Plug Screw.	----	----	----	----	015100	----
4	*Body Channel Welch Plug (2).	02531	02531	02531	02531	02531	02531
6	Choke Friction Ball.	04784	04784	----	----	04784	04784
7	Choke Friction Spring.	08805	08805	----	----	08805	08805
11	Choke Shaft & Lever.	016213	015003	----	----	015003	015003
12	Choke Shutter.	014621	014962	----	----	014962	014962
13	Choke Shutter Screw & Lockwasher (2)	08942	08942	----	----	08942	08942
16	*Choke Wire Ret. Screw.	055	055	----	----	055	055
17	Diaphragm Gasket	012473	012473	012473	012473	012473	012473
18	*Diaphragm.	012475	012475	012475	012475	012475	012475
19	Diaphragm Cover.	014877	015080	015080	015348	015080	015348
21	Flange Gasket.	014319	014319	014319	014319(2)	014319	014319
22	Fuel Pump Gasket	014881	014881	014881	014881	014881	014881
23	*Fuel Pump Diaphragm.	014880	014880	014880	014880	014880	014880
26	Fuel Pump Body	014878	014878	014878	014878	014878	014878
28	*Fuel Strainer Screen	011516	011516	011516	011516	011516	011516
29	Fuel Strainer Cover Gasket	010529	010529	010529	010529	010529	010529
30	Fuel Strainer Cover.	014937	014937	014937	014937	014937	014937
31	*Fuel Strainer Cover Ret. Screw	010571	010571	010571	010571	010571	010571
32	Idle Mixture Screw	014321	014321	014321	014971	015036	014321
34	*Idle Mixture Screw Spring.	08793	08793	08793	08793	08793	08793
35	Idle Mixture Screw Washer.	011428	011428	011428	011428	011428	011428
36	Idle Mixture Screw Packing	011401	011401	011401	011401	011401	011401
37	*Idle Speed Screw	014326	014326	014326	011811	014326	014326
38	Idle Speed Screw Cup	----	----	----	014478	----	----
39	*Idle Speed Screw Spring.	0788	0788	0788	0788	0788	0788
40	*Inlet Control Lever.	010513	010513	010513	010513	010513	010513
41	*Inlet Control Lever Fulcrum Pin.	013406	013406	013406	013406	013406	013406
42	*Inlet Control Lever Fulcrum Pin Ret. Screw	013269	013269	013269	013269	013269	013269
43	Inlet Needle, Seat & Gasket.	014602	014602	014602	014602	014602	014602
44	Inlet Seat Gasket.	010165	010165	010165	010165	010165	010165
45	*Inlet Tension Spring	013434	011503	011503	011503	011503	011503
46	Inlet Valve Gasket	014884	014884	014884	014884	014884	014884
47	*Inlet Valve Diaphragm.	014883	014883	014883	014883	014883	014883
48	Inlet Valve Body	014879	014879	014879	014879	014879	014879
49	Inlet Valve Body Ret. Screw (6).	014882	014882	014882	014882	014882	014882
50	High Speed Mixture Screw	014964	014499	014499	014964	014499	014499
51	*High Speed Mixture Screw Spring.	011103	011103	011103	011103	011103	011103
52	High Speed Mixture Screw Washer.	03114	03114	03114	03114	03114	03114
53	High Speed Mixture Screw Packing	010511	010511	010511	010511	010511	010511
54	*Nozzle Check Valve	014334	014334	014334	014334	014334	014334
55	Throttle Cable Bracket	015000	016266	015000	015000	----	015000
56	Throttle Cable Bracket Ret. Screw & Lkwsr.	015005	016267	015005	015005	----	015005
56A	Throttle Cable Bracket Lockwasher.	----	016268	----	----	----	----
57	Throttle Cable Clamp	014995	014995	014995	014995	----	014995
58	Throttle Cable Clamp Ret. Nut.	014997	014997	014997	014997	----	014997
59	Throttle Cable Clamp Ret. Screw.	014998	014998	014998	014998	----	014998
60	Throttle Shaft & Lever	015004	----	015963	016281	015004	015004
60A	Throttle Shaft & Lever	----	016171	----	----	----	----
61	Throttle Shaft Clip.	09678	09678	09678	09678	09678	09678
62	Throttle Shaft Clip Lockwasher	0992	0992	0992	0992	0992	0992
63	Throttle Shaft Clip Ret. Screw	01974	01974	01974	01974	01974	01974
64	*Throttle Shaft Return Spring	014324	014324	015965	014324	014324	014324
64A	Throttle Shaft Seal (Large).	----	----	015964	----	----	----
64B	Throttle Shaft Seal (Small).	----	----	016279	----	----	----
64C	Throttle Shaft Seal Retainer	----	----	015966	----	----	----
65	Throttle Shutter	014320	014961	014961	014961	014961	014961
66	*Throttle Shutter Screw & Lockwasher (2).	015912	015912	015912	015912	015912	015912
67	*Throttle Wire Ret. Screw	055	055	055	055	055	055
	*Gasket & Packing Set.	GS-1HR	GS-1HR	GS-1HR	GS-1HR	GS-1HR	GS-1HR
	Repair Parts Kit.	RK-2HR	RK-2HR	RK-2HR	RK-2HR	RK-2HR	RK-2HR
	Diaphragm & Gasket Set	DG-1HR	DG-1HR	DG-1HR	DG-1HR	DG-1HR	DG-1HR

(*) Indicates contents of Repair Parts Kit



Carburetor Model Superseding Model Equipment

HR-131A.	.....	Bombardier
HR-132A.	.....	Bombardier
HR-133A.	.....	Bombardier
HR-134A.	.....	Bombardier
HR-135A.	.....	Bombardier
HR-136A.	.....	Bombardier

Ref. No.	Part Name	HR-131A	HR-132A	HR-133A	HR-134A	HR-135A	HR-136A
4	* Body Channel Welch Plug (2)	02531	02531	02531	02531	02531	02531
6	Choke Friction Ball	04784	04784	04784	04784	04784	04784
7	Choke Friction Spring	08805	08805	08805	08805	08805	08805
11A	Choke Shaft & Pin Assembly	015604	015604	015604	015604	015604	015604
12	Choke Shutter	014962	014621	014621	014962	014962	014621
13	Choke Shutter Screw & Lockwasher (2).	015912	015912	015912	015912	015912	015912
17	Diaphragm Gasket	012473	012473	012473	012473	012473	012473
18	* Diaphragm	012475	012475	012475	012475	012475	012475
19	Diaphragm Cover	016326	015487	015487	016326	016326	016326
21	Flange Gasket (2)	014319	014319	014319	014319	014319	014319
22	Fuel Pump Gasket	014881	014881	014881	014881	014881	014881
23	* Fuel Pump Diaphragm	014880	014880	014880	014880	014880	014880
26	Fuel Pump Body	014878	014878	014878	014878	014878	014878
28	* Fuel Strainer Screen	011516	011516	011516	011516	011516	011516
29	Fuel Strainer Cover Gasket	014804	014804	014804	014804	014804	014804
32	Idle Mixture Screw	014971	014971	014971	014971	014971	014971
34	* Idle Mixture Screw Spring	08793	08793	08793	08793	08793	08793
35	Idle Mixture Screw Washer	011428	011428	011428	011428	011428	011428
36	Idle Mixture Screw Packing	011401	011401	011401	011401	011401	011401
37	* Idle Speed Screw	011811	011811	014326	011811	011811	014326
38	Idle Speed Screw Cup	014478	014478	----	014478	014478	----
38	Idle Speed Screw Washer	----	----	011049	----	----	011049
39	* Idle Speed Screw Spring	0788	0788	0788	0788	0788	0788
40	* Inlet Control Lever	010513	010513	010513	010513	010513	010513
41	* Inlet Control Lever Fulcrum Pin	013406	013406	013406	013406	013406	013406
42	* Inlet Control Lever Fulcrum Pin Ret. Screw	013269	013269	013269	013269	013269	013269
43	Inlet Needle, Seat & Gasket	014602	016527	014602	014602	014602	014602
44	Inlet Seat Gasket	010165	010165	010165	010165	010165	010165
45	* Inlet Tension Spring	011503	011503	011503	011503	011503	013434
46	Inlet Valve Gasket	014884	014884	014884	014884	014884	014884
47	* Inlet Valve Diaphragm	014883	014883	014883	014883	014883	014883
48	Inlet Valve Body	014879	014879	014879	014879	014879	014879
49	Inlet Valve Body Ret. Screw (6)	014882	014882	014882	014882	014882	014882
50	High Speed Mixture Screw	----	014323	----	----	----	----
51	* High Speed Mixture Screw Spring	----	011103	----	----	----	----
52	High Speed Mixture Screw Washer	----	03114	----	----	----	----
53	High Speed Mixture Screw Packing	----	010511	----	----	----	----
53A	Main Fuel Jet (.042)	----	----	015605	----	----	015605
53A	Main Fuel Jet (.045)	----	----	----	----	012101	----
53A	Main Fuel Jet (.050)	016367	----	----	----	----	----
53A	Main Fuel Jet (.052)	----	----	----	016398	----	----
53B	Main Fuel Jet Gasket	010404	----	010404	010404	010404	010404
53C	Main Fuel Jet Plug Screw	0675	----	0675	0675	0675	0675
53D	Main Fuel Jet Plug Screw Gasket	013094	----	013094	013094	013094	013094
54	* Nozzle Check Valve	014334	014334	014334	014334	014334	014334
55	Throttle Cable Bracket	016328	016358	016358	016328	016328	016358
56	Throttle Cable Bracket Ret. Screw & Lkwsr	015005	015005	015005	015005	015005	015005
57	Throttle Cable Clamp	014995	014995	014995	014995	014995	014995
58	Throttle Cable Clamp Ret. Nut	014997	014997	014997	014997	014997	014997
59	Throttle Cable Clamp Ret. Screw	016322	016322	016322	016322	016322	016322
60	Throttle Shaft & Lever	----	016357	016357	----	----	016357
60A	Throttle Shaft & Lever	016329	----	----	016329	016329	----
61	Throttle Shaft Clip	09678	09678	09678	09678	09678	09678
62	Throttle Shaft Clip Lockwasher	0992	0992	0992	0992	0992	0992
63	Throttle Shaft Clip Ret. Screw	01974	01974	01974	01974	01974	01974
64	* Throttle Shaft Return Spring	014324	014324	014324	014324	014324	014324
65	Throttle Shutter	014961	014320	014320	014961	014961	014320
66	* Throttle Shutter Screw & Lockwasher (2)	015912	015912	015912	015912	015912	015912
67	* Throttle Wire Ret. Screw	055	055	055	055	055	055
	* Gasket Set	GS-1HR	GS-1HR	GS-1HR	GS-1HR	GS-1HR	GS-1HR
	Repair Parts Kit	RK-2HR	RK-2HR	RK-2HR	RK-2HR	RK-2HR	RK-2HR
	Diaphragm & Gasket Set	DG-1HR	DG-1HR	DG-1HR	DG-1HR	DG-1HR	DG-1HR

(*) Indicates contents of Repair Parts Kit



Carburetor Model Superseding Model Equipment

HR-137A.	.....	Bombardier
HR-139A.	.....	Moto-Ski
HR-140A.	.....	Moto-Ski
HR-141A.	.....	Rupp
HR-142A.	.....	Fichtel & Sachs
HR-143A.	.....	Bombardier

Ref. No.	Part Name	HR-137A	HR-139A	HR-140A	HR-141A	HR-142A	HR-143A
2	Body Channel Plug Screw	----	----	----	----	014988	----
4	* Body Channel Welch Plug (2)	02531	02531	02531	02531	02531	02531
5	* Body Channel Welch Plug	----	----	----	----	013737	----
6	Choke Friction Ball	04784	04784	04784	04784	04784	04784
7	Choke Friction Spring	08805	08805	08805	08805	08805	08805
11	Choke Shaft & Lever	016038	014716	014716	016415	015003	016038
12	Choke Shutter	014962	014962	014962	014962	014621	014962
13	Choke Shutter Screw & Lockwasher (2)	015912	015912	015912	015912	015912	015912
16	* Choke Wire Ret. Screw	055	----	----	055	055	055
17	Diaphragm Gasket	012473	012473	012473	012473	012473	012473
18	* Diaphragm	012475	012475	012475	012475	012475	012475
19	Diaphragm Cover	016667	016373	016373	015348	014402	014584
20	Economiser Check Ball	----	----	----	----	05322	----
21	Flange Gasket	014319 (3)	014319	014319	014319	014319	014319 (3)
22	Fuel Pump Gasket	012930	014881	014881	014881	012930	012930
23	* Fuel Pump Diaphragm	----	014880	014880	014880	----	----
24	* Fuel Pump Diaphragm (Pulse)	014230	----	----	----	014230	014230
25	* Fuel Pump Diaphragm (Valve)	014229	----	----	----	014229	014229
26	Fuel Pump Body	013335	014878	014878	014878	013335	013335
27	Fuel Pump Body Screw & Lockwasher (6)	010098	----	----	----	010098	010098
28	* Fuel Strainer Screen	011516	011516	011516	011516	011516	011516
29	Fuel Strainer Cover Gasket	010529	010529	010529	010529	010529	010529
30	Fuel Strainer Cover	014937	014937	014937	014937	014937	014937
31	* Fuel Strainer Cover Ret. Screw	010571	010571	010571	010571	010571	010571
32	Idle Mixture Screw	014971	014321	014321	015036	014321	014971
33	Idle Mixture Screw Cup	----	----	----	014478	----	----
34	* Idle Mixture Screw Spring	08793	08793	08793	08793	08793	08793
35	Idle Mixture Screw Washer	011428	011428	011428	011428	011428	011428
36	Idle Mixture Screw Packing	011401	011401	011401	011401	011401	011401
37	* Idle Speed Screw	011811	014326	014326	014326	014326	014326
38	Idle Speed Screw Cup	014478	----	----	----	----	----
38	Idle Speed Screw Washer	----	----	----	----	----	011049
39	* Idle Speed Screw Spring	0788	0788	0788	0788	0788	0788
40	* Inlet Control Lever	010513	010513	010513	010513	014020	010513
41	* Inlet Control Lever Fulcrum Pin	013406	013406	013406	013406	013406	013406
42	* Inlet Control Lever Fulcrum Pin Ret. Screw	013269	013269	013269	013269	013269	013269
43	Inlet Needle, Seat & Gasket	014602	014602	014602	014602	015261	014602
44	Inlet Seat Gasket	010165	010165	010165	010165	010165	010165
45	* Inlet Tension Spring	011503	011503	011503	011503	013434	013434
46	Inlet Valve Gasket	----	014884	014884	014884	----	----
47	* Inlet Valve Diaphragm	----	014883	014883	014883	----	----
48	Inlet Valve Body	----	014879	014879	014879	----	----
49	Inlet Valve Body Ret. Screw (6)	----	014882	014882	014882	----	----
50	High Speed Mixture Screw	----	014499	014499	014964	014499	----
51	* High Speed Mixture Screw Spring	----	011103	011103	011103	011103	----
52	High Speed Mixture Screw Washer	----	03114	03114	03114	03114	----
53	High Speed Mixture Screw Packing	----	010511	010511	010511	010511	----
53A	Main Fuel Jet (.041)	----	----	----	----	----	012370
53A	Main Fuel Jet (.045)	012010	----	----	----	----	----
53B	Main Fuel Jet Gasket	010404	----	----	----	----	010404
53C	Main Fuel Jet Plug Screw	0675	----	----	----	----	0675
53D	Main Fuel Jet Plug Screw Gasket	013094	----	----	----	----	013094
54	* Nozzle Check Valve	016624	014334	014334	014334	014334	016624
55	Throttle Cable Bracket	016328	015000	015000	----	015000	016328
56	Throttle Cable Bracket Ret. Screw & Lkwshr.	015005	015005	015005	----	015005	015005
57	Throttle Cable Clamp	014995	014995	014995	----	014995	014995
58	Throttle Cable Clamp Ret. Nut	014997	014997	014997	----	014997	014997
59	Throttle Cable Clamp Ret. Screw	016322	014998	014998	----	014998	016322
60	Throttle Shaft & Lever	----	----	----	015340	015004	----
60A	Throttle Shaft & Lever	016605	016171	016171	----	----	016605
61	Throttle Shaft Clip	09678	09678	09678	09678	09678	09678
62	Throttle Shaft Clip Lockwasher	0992	0992	0992	0992	0992	0992
63	Throttle Shaft Clip Ret. Screw	01974	01974	01974	01974	01974	01974
64	* Throttle Shaft Return Spring	014324	014324	014324	014324	014324	014324
65	Throttle Shutter	014961	014961	014961	014961	014320	014961
66	* Throttle Shutter Screw & Lockwasher (2)	015912	015912	015912	015912	015912	015912
67	* Throttle Wire Ret. Screw	055	055	055	055	055	055
	* Gasket Set	GS-1HR	GS-1HR	GS-1HR	GS-1HR	GS-1HR	GS-1HR
	Repair Parts Kit	RK-3HR	RK-2HR	RK-2HR	RK-2HR	RK-1HR	RK-3HR
	Diaphragm & Gasket Set	DG-1HR	DG-1HR	DG-1HR	DG-1HR	DG-1HR	DG-1HR

(*) Indicates contents of Repair Parts Kit



Carburetor Model	Superseding Model	Equipment
HR-144A.	HR-144B.	Featherweight
HR-144B.		Featherweight
HR-145A.		Moto-Ski
HR-146A.		Massey-Ferguson
HR-147A.		Featherweight
HR-148A.		Skiroule

Ref. No.	Part Name	HR-144A	HR-144B	HR-145A	HR-146A	HR-147A	HR-148A
2	Body Channel Plug Screw	----	014988	----	----	014988	----
4	*Body Channel Welch Plug (2)	02531	02531	02531	02531	02531	02531
6	Choke Friction Ball	04784	04784	04784	04784	04784	04784
7	Choke Friction Spring	08805	08805	08805	08805	08805	08805
8	Choke Lever Assembly.	015037	015037	----	----	015037	015037
9	Choke Lever Ret. Screw.	0240	0240	----	----	0240	0240
10	Choke Shaft	015068	015068	----	----	015068	015068
11	Choke Shaft & Lever	----	----	014716	016557	----	----
12	Choke Shutter	014962	014962	014962	014962	014962	014962
13	Choke Shutter Screw & Lockwasher (2).	015912	015912	015912	015912	015912	015912
16	*Choke Wire Ret. Screw	055	055	----	055	055	055
17	Diaphragm Gasket.	012473	012473	012473	012473	012473	012473
18	*Diaphragm	012475	012475	012475	012475	012475	012475
19	Diaphragm Cover	015348	016167	016373	015424	015487	014402
21	Flange Gasket	014319	014319	014319	014319	014319	014319
22	Fuel Pump Gasket.	014881	014881	014881	014881	014881	012930
23	*Fuel Pump Diaphragm	014880	014880	014880	014880	014880	----
24	*Fuel Pump Diaphragm (Pulse)	----	----	----	----	----	014230
25	*Fuel Pump Diaphragm (Valve)	----	----	----	----	----	014229
26	Fuel Pump Body.	014878	014878	014878	014878	014878	013335
27	Fuel Pump Body Screw & Lockwasher (6)	----	----	----	----	----	010098
28	*Fuel Strainer Screen.	011516	011516	011516	011516	011516	011516
29	Fuel Strainer Cover Gasket.	010529	010529	010529	010529	010529	----
30	Fuel Strainer Cover	014937	014937	014937	014937	014937	----
31	*Fuel Strainer Cover Ret. Screw.	010571	010571	010571	010571	010571	----
32	Idle Mixture Screw.	015036	015036	014321	014321	015036	014971
33	Idle Mixture Screw Cup.	014478	----	----	----	014478	----
34	*Idle Mixture Screw Spring	08793	08793	08793	08793	08793	08793
35	Idle Mixture Screw Washer	011428	011428	011428	011428	011428	011428
36	Idle Mixture Screw Packing.	011401	011401	011401	011401	011401	011401
37	*Idle Speed Screw.	014326	014326	014326	014326	011811	014326
38	Idle Speed Screw Cup.	----	----	----	----	014478	----
39	*Idle Speed Screw Spring	0788	0788	0788	0788	0788	0788
40	*Inlet Control Lever	010513	010513	010513	010513	010513	010513
41	*Inlet Control Lever Fulcrum Pin	013406	013406	013406	013406	013406	013406
42	*Inlet Control Lever Fulcrum Pin Ret. Screw.	013269	013269	013269	013269	013269	013269
43	Inlet Needle, Seat & Gasket	014602	014602	014602	014602	014602	014602
44	Inlet Seat Gasket	010165	010165	010165	010165	010165	010165
45	*Inlet Tension Spring.	011503	011503	011503	011503	011503	011503
46	Inlet Valve Gasket.	014884	014884	014884	014884	014884	----
47	*Inlet Valve Diaphragm	014883	014883	014883	014883	014883	----
48	Inlet Valve Body.	014879	014879	014879	014879	014879	----
49	Inlet Valve Body Ret. Screw (6)	014882	014882	014882	014882	014882	----
50	High Speed Mixture Screw.	014964	014499	014499	014964	014499	014499
51	*High Speed Mixture Screw Spring	011103	011103	011103	011103	011103	011103
52	High Speed Mixture Screw Washer	03114	03114	03114	03114	03114	03114
53	High Speed Mixture Screw Packing.	010511	010511	010511	010511	010511	010511
54	*Nozzle Check Valve.	014334	014334	014334	014334	014334	014334
54A	Recirculator Elbow Connector.	----	----	----	----	015664	----
55	Throttle Cable Bracket.	015000	015000	----	----	----	015000
56	Throttle Cable Bracket Ret. Screw & Lkwshr.	015005	015005	----	----	----	015005
57	Throttle Cable Clamp.	014995	014995	----	----	----	014995
58	Throttle Cable Clamp Ret. Nut	014997	014997	----	----	----	014997
59	Throttle Cable Clamp Ret. Screw	014998	014998	----	----	----	014998
60	Throttle Shaft & Lever.	015004	015004	----	015632	015224	015004
60A	Throttle Shaft & Lever.	----	----	015342	----	----	----
61	Throttle Shaft Clip	09678	09678	09678	09678	09678	09678
62	Throttle Shaft Clip Lockwasher.	0992	0992	0992	0992	0992	0992
63	Throttle Shaft Clip Ret. Screw.	01974	01974	01974	01974	01974	01974
64	*Throttle Shaft Return Spring.	014324	014324	014324	014324	014324	014324
65	Throttle Shutter.	014961	014961	014961	014961	014961	014961
66	*Throttle Shutter Screw & Lockwasher (2)	015912	015912	015912	015912	015912	015912
67	*Throttle Wire Ret. Screw.	055	055	055	055	055	055
	*Gasket & Packing Set	GS-1HR	GS-1HR	GS-1HR	GS-1HR	GS-1HR	GS-1HR
	Repair Parts Kit	RK-2HR	RK-2HR	RK-2HR	RK-2HR	RK-2HR	RK-1HR
	Diaphragm & Gasket Set	DG-1HR	DG-1HR	DG-1HR	DG-1HR	DG-1HR	DG-1HR

(*) Indicates contents of Repair Parts Kit



Carburetor Model Superseding Model Equipment

HR-137A	Bombardier
HR-139A	Moto-Ski
HR-140A	Moto-Ski
HR-141A	Rupp
HR-142A	Fichtel & Sachs
HR-143A	Bombardier

Ref. No.	Part Name	HR-137A	HR-139A	HR-140A	HR-141A	HR-142A	HR-143A
2	Body Channel Plug Screw	----	----	----	----	014988	----
4	* Body Channel Welch Plug (2)	02531	02531	02531	02531	02531	02531
5	* Body Channel Welch Plug	----	----	----	----	013737	----
6	Choke Friction Ball	04784	04784	04784	04784	04784	04784
7	Choke Friction Spring	08805	08805	08805	08805	08805	08805
11	Choke Shaft & Lever	016038	014716	014716	016415	015003	016038
12	Choke Shutter	014962	014962	014962	014962	014621	014962
13	Choke Shutter Screw & Lockwasher (2)	015912	015912	015912	015912	015912	015912
16	* Choke Wire Ret. Screw	055	----	----	055	055	055
17	Diaphragm Gasket	012473	012473	012473	012473	012473	012473
18	* Diaphragm	012475	012475	012475	012475	012475	012475
19	Diaphragm Cover	016667	016373	016373	015348	014402	014584
20	Economiser Check Ball	----	----	----	----	05322	----
21	Flange Gasket	014319 (3)	014319	014319	014319	014319	014319 (3)
22	Fuel Pump Gasket	012930	014881	014881	014881	012930	012930
23	* Fuel Pump Diaphragm	----	014880	014880	014880	----	----
24	* Fuel Pump Diaphragm (Pulse)	014230	----	----	----	014230	014230
25	* Fuel Pump Diaphragm (Valve)	014229	----	----	----	014229	014229
26	Fuel Pump Body	013335	014878	014878	014878	013335	013335
27	Fuel Pump Body Screw & Lockwasher (6)	010098	----	----	----	010098	010098
28	* Fuel Strainer Screen	011516	011516	011516	011516	011516	011516
29	Fuel Strainer Cover Gasket	010529	010529	010529	010529	010529	010529
30	Fuel Strainer Cover	014937	014937	014937	014937	014937	014937
31	* Fuel Strainer Cover Ret. Screw	010571	010571	010571	010571	010571	010571
32	Idle Mixture Screw	014971	014321	014321	015036	014321	014971
33	Idle Mixture Screw Cup	----	----	----	014478	----	----
34	* Idle Mixture Screw Spring	08793	08793	08793	08793	08793	08793
35	Idle Mixture Screw Washer	011428	011428	011428	011428	011428	011428
36	Idle Mixture Screw Packing	011401	011401	011401	011401	011401	011401
37	* Idle Speed Screw	011811	014326	014326	014326	014326	014326
38	Idle Speed Screw Cup	014478	----	----	----	----	----
38	Idle Speed Screw Washer	----	----	----	----	----	011049
39	* Idle Speed Screw Spring	0788	0788	0788	0788	0788	0788
40	* Inlet Control Lever	010513	010513	010513	010513	014020	010513
41	* Inlet Control Lever Fulcrum Pin	013406	013406	013406	013406	013406	013406
42	* Inlet Control Lever Fulcrum Pin Ret. Screw	013269	013269	013269	013269	013269	013269
43	Inlet Needle, Seat & Gasket	014602	014602	014602	014602	015261	014602
44	Inlet Seat Gasket	010165	010165	010165	010165	010165	010165
45	* Inlet Tension Spring	011503	011503	011503	011503	013434	013434
46	Inlet Valve Gasket	----	014884	014884	014884	----	----
47	* Inlet Valve Diaphragm	----	014883	014883	014883	----	----
48	Inlet Valve Body	----	014879	014879	014879	----	----
49	Inlet Valve Body Ret. Screw (6)	----	014882	014882	014882	----	----
50	High Speed Mixture Screw	----	014499	014499	014964	014499	----
51	* High Speed Mixture Screw Spring	----	011103	011103	011103	011103	----
52	High Speed Mixture Screw Washer	----	03114	03114	03114	03114	----
53	High Speed Mixture Screw Packing	----	010511	010511	010511	010511	----
53A	Main Fuel Jet (.041)	----	----	----	----	----	012370
53A	Main Fuel Jet (.045)	012010	----	----	----	----	----
53B	Main Fuel Jet Gasket	010404	----	----	----	----	010404
53C	Main Fuel Jet Plug Screw	0675	----	----	----	----	0675
53D	Main Fuel Jet Plug Screw Gasket	013094	----	----	----	----	013094
54	* Nozzle Check Valve	016624	014334	014334	014334	014334	016624
55	Throttle Cable Bracket	016328	015000	015000	----	015000	016328
56	Throttle Cable Bracket Ret. Screw & Lkwsr	015005	015005	015005	----	015005	015005
57	Throttle Cable Clamp	014995	014995	014995	----	014995	014995
58	Throttle Cable Clamp Ret. Nut	014997	014997	014997	----	014997	014997
59	Throttle Cable Clamp Ret. Screw	016322	014998	014998	----	014998	016322
60	Throttle Shaft & Lever	----	----	----	015340	015004	----
60A	Throttle Shaft	016605	016171	016171	----	----	016605
61	Throttle Shaft Clip	09678	09678	09678	09678	09678	09678
62	Throttle Shaft Clip Lockwasher	0992	0992	0992	0992	0992	0992
63	Throttle Shaft Clip Ret. Screw	01974	01974	01974	01974	01974	01974
64	* Throttle Shaft Return Spring	014324	014324	014324	014324	014324	014324
65	Throttle Shutter	014961	014961	014961	014961	014320	014961
66	* Throttle Shutter Screw & Lockwasher (2)	015912	015912	015912	015912	015912	015912
67	* Throttle Wire Ret. Screw	055	055	055	055	055	055
	* Gasket Set	GS-1HR	GS-1HR	GS-1HR	GS-1HR	GS-1HR	GS-1HR
	Repair Parts Kit	RK-3HR	RK-2HR	RK-2HR	RK-1HR	RK-3HR	RK-3HR
	Diaphragm & Gasket Set	DG-1HR	DG-1HR	DG-1HR	DG-1HR	DG-1HR	DG-1HR

(*) Indicates contents of Repair Parts Kit



Carburetor Model	Superseding Model	Equipment
HR-144A	HR-144B	Featherweight
HR-144B		Featherweight
HR-145A		Moto-Ski
HR-146A		Massey-Ferguson
HR-147A		Featherweight
HR-148A		Skiroule

Ref. No.	Part Name	HR-144A	HR-144B	HR-145A	HR-146A	HR-147A	HR-148A
2	Body Channel Plug Screw	----	014988	----	----	014988	----
4	*Body Channel Welch Plug (2)	02531	02531	02531	02531	02531	02531
6	Choke Friction Ball	04784	04784	04784	04784	04784	04784
7	Choke Friction Spring	08805	08805	08805	08805	08805	08805
8	Choke Lever Assembly	015037	015037	----	----	015037	015037
9	Choke Lever Ret. Screw	0240	0240	----	----	0240	0240
10	Choke Shaft	015068	015068	----	----	015068	015068
11	Choke Shaft & Lever	----	----	014716	016557	----	----
12	Choke Shutter	014962	014962	014962	014962	014962	014962
13	Choke Shutter Screw & Lockwasher (2)	015912	015912	015912	015912	015912	015912
16	*Choke Wire Ret. Screw	055	055	----	055	055	055
17	Diaphragm Gasket	012473	012473	012473	012473	012473	012473
18	*Diaphragm	012475	012475	012475	012475	012475	012475
19	Diaphragm Cover	015348	016167	016373	015424	015487	014402
21	Flange Gasket	014319	014319	014319	014319	014319	014319
22	Fuel Pump Gasket	014881	014881	014881	014881	014881	012930
23	*Fuel Pump Diaphragm	014880	014880	014880	014880	014880	----
24	*Fuel Pump Diaphragm (Pulse)	----	----	----	----	----	014230
25	*Fuel Pump Diaphragm (Valve)	----	----	----	----	----	014229
26	Fuel Pump Body	014878	014878	014878	014878	014878	013335
27	Fuel Pump Body Screw & Lockwasher (6)	----	----	----	----	----	010098
28	*Fuel Strainer Screen	011516	011516	011516	011516	011516	011516
29	Fuel Strainer Cover Gasket	010529	010529	010529	010529	010529	----
30	Fuel Strainer Cover	014937	014937	014937	014937	014937	----
31	*Fuel Strainer Cover Ret. Screw	010571	010571	010571	010571	010571	----
32	Idle Mixture Screw	015036	015036	014321	014321	015036	014971
33	Idle Mixture Screw Cup	014478	----	----	----	014478	----
34	*Idle Mixture Screw Spring	08793	08793	08793	08793	08793	08793
35	Idle Mixture Screw Washer	011428	011428	011428	011428	011428	011428
36	Idle Mixture Screw Packing	011401	011401	011401	011401	011401	011401
37	*Idle Speed Screw	014326	014326	014326	014326	011811	014326
38	Idle Speed Screw Cup	----	----	----	----	014478	----
39	*Idle Speed Screw Spring	0788	0788	0788	0788	0788	0788
40	*Inlet Control Lever	010513	010513	010513	010513	010513	010513
41	*Inlet Control Lever Fulcrum Pin	013406	013406	013406	013406	013406	013406
42	*Inlet Control Lever Fulcrum Pin Ret. Screw	013269	013269	013269	013269	013269	013269
43	Inlet Needle, Seat & Gasket	014602	014602	014602	014602	014602	014602
44	Inlet Seat Gasket	010165	010165	010165	010165	010165	010165
45	*Inlet Tension Spring	011503	011503	011503	011503	011503	011503
46	Inlet Valve Gasket	014884	014884	014884	014884	014884	----
47	*Inlet Valve Diaphragm	014883	014883	014883	014883	014883	----
48	Inlet Valve Body	014879	014879	014879	014879	014879	----
49	Inlet Valve Body Ret. Screw (6)	014882	014882	014882	014882	014882	----
50	High Speed Mixture Screw	014964	014499	014499	014964	014499	014499
51	*High Speed Mixture Screw Spring	011103	011103	011103	011103	011103	011103
52	High Speed Mixture Screw Washer	03114	03114	03114	03114	03114	03114
53	High Speed Mixture Screw Packing	010511	010511	010511	010511	010511	010511
54	*Nozzle Check Valve	014334	014334	014334	014334	014334	014334
54A	Recirculator Elbow Connector	----	----	----	----	015664	----
55	Throttle Cable Bracket	015000	015000	----	----	----	015000
56	Throttle Cable Bracket Ret. Screw & Lkwsr	015005	015005	----	----	----	015005
57	Throttle Cable Clamp	014995	014995	----	----	----	014995
58	Throttle Cable Clamp Ret. Nut	014997	014997	----	----	----	014997
59	Throttle Cable Clamp Ret. Screw	014998	014998	----	----	----	014998
60	Throttle Shaft & Lever	015004	015004	----	015632	015224	015004
60A	Throttle Shaft & Lever	----	----	015342	----	----	----
61	Throttle Shaft Clip	09678	09678	09678	09678	09678	09678
62	Throttle Shaft Clip Lockwasher	0992	0992	0992	0992	0992	0992
63	Throttle Shaft Clip Ret. Screw	01974	01974	01974	01974	01974	01974
64	*Throttle Shaft Return Spring	014324	014324	014324	014324	014324	014324
65	Throttle Shutter	014961	014961	014961	014961	014961	014961
66	*Throttle Shutter Screw & Lockwasher (2)	015912	015912	015912	015912	015912	015912
67	*Throttle Wire Ret. Screw	055	055	055	055	055	055
	*Gasket & Packing Set	GS-1HR	GS-1HR	GS-1HR	GS-1HR	GS-1HR	GS-1HR
	Repair Parts Kit	RK-2HR	RK-2HR	RK-2HR	RK-2HR	RK-2HR	RK-1HR
	Diaphragm & Gasket Set	DG-1HR	DG-1HR	DG-1HR	DG-1HR	DG-1HR	DG-1HR

(*) Indicates contents of Repair Parts Kit



Carburetor Model	Superseding Model	Equipment
HR-149A.		Bombardier
HR-152A.		Bombardier
HR-153A.		Sno-Jet
HR-155A.		Bombardier
HR-156A.		Moto-Ski
HR-157A.		Alpsport

Ref. No.	Part Name	HR-149A	HR-152A	HR-153A	HR-155A	HR-156A	HR-157A
2	Body Channel Plug Screw	----	----	014988	----	----	----
4	* Body Channel Welch Plug (2)	02531	02531	02531	02531	02531	02531
6	Choke Friction Ball	04784	----	04784	04784	04784	04784
7	Choke Friction Spring	08805	----	08805	08805	08805	08805
10	Choke Shaft	016625	----	----	----	----	----
11	Choke Shaft & Lever	----	----	015003	----	016818	015003
11A	Choke Shaft & Pin Assembly.	----	----	----	015604	----	----
12	Choke Shutter	014462	----	014962	014621	014962	014962
13	Choke Shutter Screw & Lkwshr (2).	015912	----	015912	015912	015912	015912
16	* Choke Wire Ret. Screw	----	----	055	----	----	055
17	Diaphragm Gasket.	012473	012473	012473	012473	012473	012473
18	* Diaphragm	012475	012475	012475	012475	012475	012475
19	Diaphragm Cover	016373	015348	015080	016326	016373	016167
21	Flange Gasket	014319	014319	014319	014319	014319	014319
22	Fuel Pump Gasket.	014881	014881	014881	014881	014881	014881
23	* Fuel Pump Diaphragm	014880	014880	014880	014880	014880	014880
26	Fuel Pump Body.	014878	014878	014878	014878	014878	014878
28	* Fuel Strainer Screen.	011516	011516	011516	011516	011516	011516
29	Fuel Strainer Cover Gasket.	010529	010529	010529	014804	010529	010529
30	Fuel Strainer Cover	014937	014937	014937	014937	----	014937
31	* Fuel Strainer Cover Ret. Screw.	010571	010571	010571	010571	----	010571
32	Idle Mixture Screw.	014971	014971	014321	014971	014321	015036
34	* Idle Mixture Screw Spring	08793	08793	08793	08793	08793	08793
35	Idle Mixture Screw Washer	011428	011428	011428	011428	011428	011428
36	Idle Mixture Screw Packing.	011401	011401	011401	011401	011401	011401
37	* Idle Speed Screw.	014326	011811	014326	014326	014326	014326
38	Idle Speed Screw Cup.	----	014478	----	----	----	----
39	* Idle Speed Screw Spring	0788	0788	0788	0788	0788	0788
40	* Inlet Control Lever	013100	010513	010513	010513	010513	010513
41	* Inlet Control Lever Fulcrum Pin	013406	013406	013406	013406	013406	013406
42	* Inlet Control Lever Fulcrum Pin Ret. Screw.	013269	013269	013269	013269	013269	013269
43	Inlet Needle, Seat & Gasket	014602	014602	014602	014602	014602	014602
44	Inlet Seat Gasket	010165	010165	010165	010165	010165	010165
45	* Inlet Tension Spring.	013434	011503	011503	013434	011503	011503
46	Inlet Valve Gasket.	014884	014884	014884	014884	014884	014884
47	* Inlet Valve Diaphragm	014883	014883	014883	014883	014883	014883
48	Inlet Valve Body.	014879	014879	014879	014879	014879	014879
49	Inlet Valve Body Ret. Screw (6)	014882	014882	014882	014882	014882	014882
50	High Speed Mixture Screw.	014499	014964	014499	----	014499	014964
51	* High Speed Mixture Screw Spring	011103	011103	011103	----	011103	011103
52	High Speed Mixture Screw Washer	03114	03114	03114	----	03114	03114
53	High Speed Mixture Screw Packing.	010511	010511	010511	----	010511	010511
53A	Main Fuel Jet (.051).	----	----	----	----	----	----
53A	Main Fuel Jet (.044).	----	015817	----	----	----	----
53B	Main Fuel Jet Gasket.	----	010404	----	----	----	----
53C	Main Fuel Jet Plug Screw.	----	0675	----	----	----	----
53D	Main Fuel Jet Plug Screw Gasket	----	013094	----	----	----	----
54	* Nozzle Check Valve.	014334	016679	014334	014334	014334	014334
55	Throttle Cable Bracket.	016328	015000	015000	016358	015000	015000
56	Throttle Cable Brkt. Screw & Lkwshr	015005	015005	015005	015005	015005	015005
57	Throttle Cable Clamp.	014995	014995	014995	014995	014995	014995
58	Throttle Cable Clamp Ret. Nut	014997	014997	014997	014997	014997	014997
59	Throttle Cable Clamp Ret. Screw	016322	014998	014998	016322	014998	014998
60	Throttle Shaft & Lever.	016605	016281	016114	016357	016819	015004
61	Throttle Shaft Clip	09678	09678	09678	09678	09678	09678
62	Throttle Shaft Clip Lockwasher.	0992	0992	0992	0992	0992	0992
63	Throttle Shaft Clip Ret. Screw.	01974	01974	01974	01974	01974	01974
64	* Throttle Shaft Return Spring.	014324	014324	014324	014324	014324	014324
65	Throttle Shutter.	014961	014961	014961	014320	014961	014961
66	* Throttle Shutter Screw & Lkwshr (2)	015912	015912	015912	015912	015912	015912
67	* Throttle Wire Ret. Screw.	055	055	055	055	055	055
	* Gasket Set.	GS-1HR	GS-1HR	GS-1HR	GS-1HR	GS-1HR	GS-1HR
	Repair Parts Kit.	RK-4HR	RK-5HR	RK-2HR	RK-2HR	RK-2HR	RK-2HR
	Diaphragm & Gasket Set.	DG-1HR	DG-1HR	DG-1HR	DG-1HR	DG-1HR	DG-1HR

(*) Indicates contents of Repair Parts Kit



Carburetor Model Superseding Model Equipment

HR-158A.	.....	Sno-Jet
HR-159A.	.....	Moto-Ski
HR-161A.	.....	Bombardier
HR-162A.	.....	Massey-Ferguson
HR-163A.	.....	Polaris
HR-164A.	.....	Bombardier

Ref. No.	Part Name	HR-158A	HR-159A	HR-161A	HR-162A	HR-163A	HR-164A
2	Body Channel Plug Screw	014988	----	----	----	----	----
4	* Body Channel Welch Plug (2)	02531	02531	02531	02531	02531	02531
6	Choke Friction Ball	04784	04784	04784	04784	04784	04784
7	Choke Friction Spring	08805	08805	08805	08805	08805	08805
11	Choke Shaft & Lever	015003	014716	016038	016907	016998	016038
12	Choke Shutter	014962	014962	014962	014962	014621	014962
13	Choke Shutter Screw & Lkwshr (2).	015912	015912	915912	015912	015912	015912
16	* Choke Wire Ret. Screw	055	----	055	055	055	055
17	Diaphragm Gasket.	012473	012473	012473	012473	012473	012473
18	* Diaphragm	012475	012475	012475	012475	012475	012475
19	Diaphragm Cover	015348	016373	016373	015424	011418	016373
21	Flange Gasket	014319	014319	014319	014319	014319	014319
22	Fuel Pump Gasket.	014881	014881	014881	014881	----	014881
23	* Fuel Pump Diaphragm	014880	014880	014880	014880	----	014880
25	Fuel Pump Body.	014878	014878	014878	014878	----	014878
28	* Fuel Strainer Screen.	011516	011516	011516	011516	----	011516
29	Fuel Strainer Cover Gasket.	010529	010529	014804	010529	----	014804
30	Fuel Strainer Cover	014937	014937	014937	----	----	----
31	* Fuel Strainer Cover Ret. Screw.	010571	010571	----	015071	----	----
32	Idle Mixture Screw.	014321	014321	014971	014321	015036	014971
34	* Idle Mixture Screw Spring	08793	08793	08793	08793	08793	08793
35	Idle Mixture Screw Washer	011428	011428	011428	011428	011428	011428
36	Idle Mixture Screw Packing.	011401	011401	011401	011401	011401	011401
37	* Idle Speed Screw.	014326	014326	014326	014326	014326	014326
39	* Idle Speed Screw Spring	0788	0788	0788	0788	0788	0788
40	* Inlet Control Lever	010513	010513	010513	010513	010513	010513
41	* Inlet Control Lever Fulcrum Pin	013406	013406	013406	013406	013406	013406
42	* Inlet Control Lever Fulcrum Pin Screw	013269	013269	013269	013269	013269	013269
43	Inlet Needle, Seat & Gasket	013546	014602	014602	014602	014602	014602
44	Inlet Seat Gasket	010165	010165	010165	010165	010165	010165
45	* Inlet Tension Spring.	011503	011503	013434	011503	011503	011503
46	Inlet Valve Gasket.	014884	014884	014884	014884	----	014884
47	* Inlet Valve Diaphragm	014883	014883	014883	014883	----	014883
48	Inlet Valve Body.	014879	014879	014879	014879	----	014879
49	Inlet Valve Body Ret. Screw (6)	014882	014882	014882	014882	----	014882
50	High Speed Mixture Screw.	014499	014499	----	014964	014499	014964
51	* High Speed Mixture Screw Spring	011103	011103	----	011103	011103	011103
52	High Speed Mixture Screw Washer	03114	03114	----	03114	03114	03114
53	High Speed Mixture Screw Packing.	010511	010511	----	010511	010511	010511
53A	Main Fuel Jet (.051).	----	----	011764	----	----	----
53B	Main Fuel Jet Gasket.	----	----	010404	----	----	----
53C	Main Fuel Jet Plug Screw.	----	----	065	----	----	----
53D	Main Fuel Jet Plug Screw Gasket	----	----	013094	----	----	----
54	* Nozzle Check Valve.	014334	014334	014334	014334	014334	014334
55	Throttle Cable Bracket.	015000	----	016358	----	016320	016358
56	Throttle Cable Brkt. Screw & Lkwshr	015005	015005	015005	----	015005	015005
57	Throttle Cable Clamp.	014995	014995	014995	----	014995	014995
58	Throttle Cable Clamp Ret. Nut	014997	014997	014997	----	014997	014997
59	Throttle Cable Clamp Ret. Screw	014998	014998	016322	----	016322	016322
60	Throttle Shaft & Lever.	015004	016832	016357	015632	016605	016357
61	Throttle Shaft Clip	09678	09678	09678	09678	09678	09678
62	Throttle Shaft Clip Lockwasher.	0992	0992	0992	0992	0992	0992
63	Throttle Shaft Clip Ret. Screw.	01974	01974	01974	01974	01974	01974
64	* Throttle Shaft Return Spring.	014324	014324	014324	014324	014324	014324
65	Throttle Shutter.	014961	014961	014961	014961	014961	014961
66	* Throttle Shutter Screw & Lkwshr (2)	015912	015912	015912	015912	015912	015912
67	* Throttle Wire Ret. Screw.	055	055	055	055	055	055
	* Gasket Set.	GS-1HR	GS-1HR	GS-1HR	GS-1HR	GS-1HR	GS-1HR
	Repair Parts Kit.	RK-2HR	RK-2HR	RK-2HR	RK-2HR	RK-2HR	RK-2HR
	Diaphragm & Gasket Set.	DG-1HR	DG-1HR	DG-1HR	DG-1HR	DG-1HR	DG-1HR

(*) Indicates contents of Repair Parts Kit



Carburetor Model Superseding Model Equipment

HR-165A. Bombardier
 HR-166A. Bombardier
 HR-168A. Bombardier
 HR-169A. Bombardier
 HR-170A. Bombardier

Ref. No.	Part Name	HR-165A	HR-166A	HR-168A	HR-169A	HR-170A
4	* Body Channel Welch Plug (2)	02531	02531	02531	02531	02531
6	Choke Friction Ball	04784	04784	----	----	----
7	Choke Friction Spring	08805	08805	----	----	----
11	Choke Shaft & Lever	----	016038	----	----	----
11A	Choke Shaft & Pin Assembly.	015604	----	----	----	----
12	Choke Shutter	014621	014962	----	----	----
13	Choke Shutter Screw & Lkwshr (2).	015912	015912	----	----	----
16	* Choke Wire Ret. Screw	----	055	----	----	----
17	Diaphragm Gasket.	012473	012473	012473	012473	012473
18	* Diaphragm	012475	012475	012475	012475	012475
19	Diaphragm Cover	016326	016373	016373	011418	011418
19A	Diaphragm Cover Screw & Lockwasher (6).	----	----	----	011441	011441
21	Flange Gasket	014319(2)	014319	014319	014319	014319
22	Fuel Pump Gasket.	014881	014881	014881	----	----
23	* Fuel Pump Diaphragm	014880	014880	014880	----	----
25	Fuel Pump Body.	014878	014878	014878	----	----
28	* Fuel Strainer Screen.	----	011516	011516	----	----
29	Fuel Strainer Cover Gasket.	----	014804	010529	----	----
30	Fuel Strainer Cover	----	----	014937	----	----
31	* Fuel Strainer Cover Ret. Screw.	----	----	010571	----	----
32	Idle Mixture Screw.	014971	014971	014971	014971	014971
34	* Idle Mixture Screw Spring	08793	08793	08793	08793	08793
35	Idle Mixture Screw Washer	011428	011428	011428	011428	011428
36	Idle Mixture Screw Packing.	011401	011401	011401	011401	011401
37	* Idle Speed Screw.	014326	014326	014326	014326	014326
38	Idle Speed Screw Washer	011049	011049	----	----	----
39	* Idle Speed Screw Spring	0788	0788	0788	0788	0788
40	* Inlet Control Lever	010513	010513	013100	010513	010513
41	* Inlet Control Lever Fulcrum Pin	013406	013406	013406	013406	013406
42	* Inlet Control Lever Fulcrum Pin Screw	013269	013269	013269	013269	013269
43	Inlet Needle, Seat & Gasket	014602	014602	014602	014602	014602
44	Inlet Seat Gasket	010165	010165	010165	010165	010165
45	* Inlet Tension Spring.	013434	013434	013434	011503	014016
46	Inlet Valve Gasket.	014884	014884	014884	----	----
47	* Inlet Valve Diaphragm	014883	014883	014883	----	----
48	Inlet Valve Body.	014879	014879	014879	----	----
49	Inlet Valve Body Ret. Screw (6)	014882	014882	014882	----	----
50	High Speed Mixture Screw.	----	----	014499	----	----
51	* High Speed Mixture Screw Spring	----	----	011103	----	----
52	High Speed Mixture Screw Washer	----	----	03114	----	----
53	High Speed Mixture Screw Packing.	----	----	010511	----	----
53A	Main Fuel Jet (.051).	----	011764	----	011764	----
53A	Main Fuel Jet (.044).	015817	----	----	----	----
53A	Main Fuel Jet (.054).	----	----	----	----	017230
53B	Main Fuel Jet Gasket.	010404	010404	----	010404	010404
53C	Main Fuel Jet Plug Screw.	0675	0675	----	0675	0675
53D	Main Fuel Jet Plug Screw Gasket	013094	013094	----	013094	013094
54	* Nozzle Check Valve.	014334	014334	014334	014334	014334
55	Throttle Cable Bracket.	016358	016358	----	016320	016320
56	Throttle Cable Brkt. Screw & Lkwshr	015005	015005	----	015005	015005
57	Throttle Cable Clamp.	014995	014995	----	014995	014995
58	Throttle Cable Clamp Ret. Nut	014997	014997	----	014997	014997
59	Throttle Cable Clamp Ret. Screw	016322	016322	----	016322	016322
60	Throttle Shaft & Lever.	016357	016357	----	----	----
60A	Throttle Shaft & Lever.	----	----	016605	016329	016329
61	Throttle Shaft Clip	09678	09678	09678	09678	09678
62	Throttle Shaft Clip Lockwasher.	0992	0992	0992	0992	0992
63	Throttle Shaft Clip Ret. Screw.	01974	01974	01974	01974	01974
64	* Throttle Shaft Return Spring.	014324	014324	014324	014324	014324
65	Throttle Shutter.	014320	014961	014961	014961	014961
66	* Throttle Shutter Screw & Lkwshr (2)	015912	015912	015912	015912	015912
67	* Throttle Wire Ret. Screw.	055	055	055	055	055
	* Gasket Set.	GS-1HR	GS-1HR	GS-1HR	GS-1HR	GS-1HR
	Repair Parts Kit.	RK-2HR	RK-2HR	RK-4HR	RK-4HR	RK-4HR
	Diaphragm & Gasket Set.	DG-1HR	DG-1HR	DG-1HR	DG-1HR	DG-1HR

(*) Indicates contents of Repair Parts Kit





Carburetor Model	Superseding Model	Equipment
HR-125A		.Swinger Snowmobiles
HR-126A		.Moto-Ski
HR-127A		.Polaris
HR-128A		.Bombardier
HR-129A		.Sno-Jet
HR-130A		.Sno-Jet

Ref. No.	Part Name	HR-125A	HR-126A	HR-127A	HR-128A	HR-129A	HR-130A
2	Body Channel Plug Screw.	014988	----	014988	----	014988	014988
3	Body Channel Plug Screw.	----	----	----	----	015100	----
4	*Body Channel Welch Plug (2).	02531	02531	02531	02531	02531	02531
6	Choke Friction Ball.	04784	04784	----	----	04784	04784
7	Choke Friction Spring.	08805	08805	----	----	08805	08805
11	Choke Shaft & Lever.	016213	015003	----	----	015003	015003
12	Choke Shutter.	014621	014962	----	----	014962	014962
13	Choke Shutter Screw & Lockwasher (2)	08942	08942	----	----	08942	08942
16	*Choke Wire Ret. Screw.	055	055	----	----	055	055
17	Diaphragm Gasket	012473	012473	012473	012473	012473	012473
18	*Diaphragm.	012475	012475	012475	012475	012475	012475
19	Diaphragm Cover.	014877	015080	015080	015348	015080	015348
21	Flange Gasket.	014319	014319	014319	014319(2)	014319	014319
22	Fuel Pump Gasket	014881	014881	014881	014881	014881	014881
23	*Fuel Pump Diaphragm.	014880	014880	014880	014880	014880	014880
26	Fuel Pump Body	014878	014878	014878	014878	014878	014878
28	*Fuel Strainer Screen	011516	011516	011516	011516	011516	011516
29	Fuel Strainer Cover Gasket	010529	010529	010529	010529	010529	010529
30	Fuel Strainer Cover.	014937	014937	014937	014937	014937	014937
31	*Fuel Strainer Cover Ret. Screw	010571	010571	010571	010571	010571	010571
32	Idle Mixture Screw	014321	014321	014321	014971	015036	014321
34	*Idle Mixture Screw Spring.	08793	08793	08793	08793	08793	08793
35	Idle Mixture Screw Washer.	011428	011428	011428	011428	011428	011428
36	Idle Mixture Screw Packing	011401	011401	011401	011401	011401	011401
37	*Idle Speed Screw	014326	014326	014326	011811	014326	014326
38	Idle Speed Screw Cup	----	----	----	014478	----	----
39	*Idle Speed Screw Spring.	0788	0788	0788	0788	0788	0788
40	*Inlet Control Lever.	010513	010513	010513	010513	010513	010513
41	*Inlet Control Lever Fulcrum Pin.	013406	013406	013406	013406	013406	013406
42	*Inlet Control Lever Fulcrum Pin Ret. Screw	013269	013269	013269	013269	013269	013269
43	Inlet Needle, Seat & Gasket.	014602	014602	014602	014602	014602	014602
44	Inlet Seat Gasket.	010165	010165	010165	010165	010165	010165
45	*Inlet Tension Spring	013434	011503	011503	011503	011503	011503
46	Inlet Valve Gasket	014884	014884	014884	014884	014884	014884
47	*Inlet Valve Diaphragm.	014883	014883	014883	014883	014883	014883
48	Inlet Valve Body	014879	014879	014879	014879	014879	014879
49	Inlet Valve Body Ret. Screw (6).	014882	014882	014882	014882	014882	014882
50	High Speed Mixture Screw	014964	014499	014499	014964	014499	014499
51	*High Speed Mixture Screw Spring.	011103	011103	011103	011103	011103	011103
52	High Speed Mixture Screw Washer.	03114	03114	03114	03114	03114	03114
53	High Speed Mixture Screw Packing	010511	010511	010511	010511	010511	010511
54	*Nozzle Check Valve	014334	014334	014334	014334	014334	014334
55	Throttle Cable Bracket	015000	016266	015000	015000	----	015000
56	Throttle Cable Bracket Ret. Screw & Lkwsr.	015005	016267	015005	015005	----	015005
56A	Throttle Cable Bracket Lockwasher.	----	016268	----	----	----	----
57	Throttle Cable Clamp	014995	014995	014995	014995	----	014995
58	Throttle Cable Clamp Ret. Nut.	014997	014997	014997	014997	----	014997
59	Throttle Cable Clamp Ret. Screw.	014998	014998	014998	014998	----	014998
60	Throttle Shaft & Lever	015004	----	015963	016281	015004	015004
60A	Throttle Shaft & Lever	----	016171	----	----	----	----
61	Throttle Shaft Clip.	09678	09678	09678	09678	09678	09678
62	Throttle Shaft Clip Lockwasher	0992	0992	0992	0992	0992	0992
63	Throttle Shaft Clip Ret. Screw	01974	01974	01974	01974	01974	01974
64	*Throttle Shaft Return Spring	014324	014324	015965	014324	014324	014324
64A	Throttle Shaft Seal (Large).	----	----	015964	----	----	----
64B	Throttle Shaft Seal (Small).	----	----	016279	----	----	----
64C	Throttle Shaft Seal Retainer	----	----	015966	----	----	----
65	Throttle Shutter	014320	014961	014961	014961	014961	014961
66	*Throttle Shutter Screw & Lockwasher (2).	015912	015912	015912	015912	015912	015912
67	*Throttle Wire Ret. Screw	055	055	055	055	055	055
	*Gasket & Packing Set.	GS-1HR	GS-1HR	GS-1HR	GS-1HR	GS-1HR	GS-1HR
	Repair Parts Kit.	RK-2HR	RK-2HR	RK-2HR	RK-2HR	RK-2HR	RK-2HR
	Diaphragm & Gasket Set	DG-1HR	DG-1HR	DG-1HR	DG-1HR	DG-1HR	DG-1HR

(*) Indicates contents of Repair Parts Kit



Carburetor Model	Superseding Model	Equipment
HR-131A		Bombardier
HR-132A		Bombardier
HR-133A		Bombardier
HR-134A		Bombardier
HR-135A		Bombardier
HR-136A		Bombardier

Ref. No.	Part Name	HR-131A	HR-132A	HR-133A	HR-134A	HR-135A	HR-136A
4	* Body Channel Welch Plug (2)	02531	02531	02531	02531	02531	02531
6	Choke Friction Ball	04784	04784	04784	04784	04784	04784
7	Choke Friction Spring	08805	08805	08805	08805	08805	08805
11A	Choke Shaft & Pin Assembly	015604	015604	015604	015604	015604	015604
12	Choke Shutter	014962	014621	014621	014962	014962	014621
13	Choke Shutter Screw & Lockwasher (2)	015912	015912	015912	015912	015912	015912
17	Diaphragm Gasket	012473	012473	012473	012473	012473	012473
18	* Diaphragm	012475	012475	012475	012475	012475	012475
19	Diaphragm Cover	016326	015487	015487	016326	016326	016326
21	Flange Gasket (2)	014319	014319	014319	014319	014319	014319
22	Fuel Pump Gasket	014881	014881	014881	014881	014881	014881
23	* Fuel Pump Diaphragm	014880	014880	014880	014880	014880	014880
26	Fuel Pump Body	014878	014878	014878	014878	014878	014878
28	* Fuel Strainer Screen	011516	011516	011516	011516	011516	011516
29	Fuel Strainer Cover Gasket	014804	014804	014804	014804	014804	014804
32	Idle Mixture Screw	014971	014971	014971	014971	014971	014971
34	* Idle Mixture Screw Spring	08793	08793	08793	08793	08793	08793
35	Idle Mixture Screw Washer	011428	011428	011428	011428	011428	011428
36	Idle Mixture Screw Packing	011401	011401	011401	011401	011401	011401
37	* Idle Speed Screw	011811	011811	014326	011811	011811	014326
38	Idle Speed Screw Cup	014478	014478	----	014478	014478	----
38	Idle Speed Screw Washer	----	----	011049	----	----	011049
39	* Idle Speed Screw Spring	0788	0788	0788	0788	0788	0788
40	* Inlet Control Lever	010513	010513	010513	010513	010513	010513
41	* Inlet Control Lever Fulcrum Pin	013406	013406	013406	013406	013406	013406
42	* Inlet Control Lever Fulcrum Pin Ret. Screw	013269	013269	013269	013269	013269	013269
43	Inlet Needle, Seat & Gasket	014602	016527	014602	014602	014602	014602
44	Inlet Seat Gasket	010165	010165	010165	010165	010165	010165
45	* Inlet Tension Spring	011503	011503	011503	011503	011503	013434
46	Inlet Valve Gasket	014884	014884	014884	014884	014884	014884
47	* Inlet Valve Diaphragm	014883	014883	014883	014883	014883	014883
48	Inlet Valve Body	014879	014879	014879	014879	014879	014879
49	Inlet Valve Body Ret. Screw (6)	014882	014882	014882	014882	014882	014882
50	High Speed Mixture Screw	----	014323	----	----	----	----
51	* High Speed Mixture Screw Spring	----	011103	----	----	----	----
52	High Speed Mixture Screw Washer	----	03114	----	----	----	----
53	High Speed Mixture Screw Packing	----	010511	----	----	----	----
53A	Main Fuel Jet (.042)	----	----	015605	----	----	015605
53A	Main Fuel Jet (.045)	----	----	----	----	012101	----
53A	Main Fuel Jet (.050)	016367	----	----	----	----	----
53A	Main Fuel Jet (.052)	----	----	----	016398	----	----
53B	Main Fuel Jet Gasket	010404	----	010404	010404	010404	010404
53C	Main Fuel Jet Plug Screw	0675	----	0675	0675	0675	0675
53D	Main Fuel Jet Plug Screw Gasket	013094	----	013094	013094	013094	013094
54	* Nozzle Check Valve	014334	014334	014334	014334	014334	014334
55	Throttle Cable Bracket	016328	016358	016358	016328	016328	016358
56	Throttle Cable Bracket Ret. Screw & Lkwsr	015005	015005	015005	015005	015005	015005
57	Throttle Cable Clamp	014995	014995	014995	014995	014995	014995
58	Throttle Cable Clamp Ret. Nut	014997	014997	014997	014997	014997	014997
59	Throttle Cable Clamp Ret. Screw	016322	016322	016322	016322	016322	016322
60	Throttle Shaft & Lever	----	016357	016357	----	----	016357
60A	Throttle Shaft & Lever	016329	----	----	016329	016329	----
61	Throttle Shaft Clip	09678	09678	09678	09678	09678	09678
62	Throttle Shaft Clip Lockwasher	0992	0992	0992	0992	0992	0992
63	Throttle Shaft Clip Ret. Screw	01974	01974	01974	01974	01974	01974
64	* Throttle Shaft Return Spring	014324	014324	014324	014324	014324	014324
65	Throttle Shutter	014961	014320	014320	014961	014961	014320
66	* Throttle Shutter Screw & Lockwasher (2)	015912	015912	015912	015912	015912	015912
67	* Throttle Wire Ret. Screw	055	055	055	055	055	055
	* Gasket Set	GS-1HR	GS-1HR	GS-1HR	GS-1HR	GS-1HR	GS-1HR
	Repair Parts Kit	RK-2HR	RK-2HR	RK-2HR	RK-2HR	RK-2HR	RK-2HR
	Diaphragm & Gasket Set	DG-1HR	DG-1HR	DG-1HR	DG-1HR	DG-1HR	DG-1HR

(*) Indicates contents of Repair Parts Kit



Carburetor Model Superseding Model Equipment

HR-137A.	.....	Bombardier
HR-139A.	.....	Moto-Ski
HR-140A.	.....	Moto-Ski
HR-141A.	.....	Rupp
HR-142A.	.....	Fichtel & Sachs
HR-143A.	.....	Bombardier

Ref. No.	Part Name	HR-137A	HR-139A	HR-140A	HR-141A	HR-142A	HR-143A
2	Body Channel Plug Screw	----	----	----	----	014988	----
4	* Body Channel Welch Plug (2)	02531	02531	02531	02531	02531	02531
5	* Body Channel Welch Plug	----	----	----	----	013737	----
6	Choke Friction Ball	04784	04784	04784	04784	04784	04784
7	Choke Friction Spring	08805	08805	08805	08805	08805	08805
11	Choke Shaft & Lever	016038	014716	014716	016415	015003	016038
12	Choke Shutter	014962	014962	014962	014962	014621	014962
13	Choke Shutter Screw & Lockwasher (2)	015912	015912	015912	015912	015912	015912
16	* Choke Wire Ret. Screw	055	----	----	055	055	055
17	Diaphragm Gasket	012473	012473	012473	012473	012473	012473
18	* Diaphragm	012475	012475	012475	012475	012475	012475
19	Diaphragm Cover	016667	016373	016373	015348	014402	014584
20	Economiser Check Ball	----	----	----	----	05322	----
21	Flange Gasket	014319 (3)	014319	014319	014319	014319	014319 (3)
22	Fuel Pump Gasket	012930	014881	014881	014881	012930	012930
23	* Fuel Pump Diaphragm	----	014880	014880	014880	----	----
24	* Fuel Pump Diaphragm (Pulse)	014230	----	----	----	014230	014230
25	* Fuel Pump Diaphragm (Valve)	014229	----	----	----	014229	014229
26	Fuel Pump Body	013335	014878	014878	014878	013335	013335
27	Fuel Pump Body Screw & Lockwasher (6)	010098	----	----	----	010098	010098
28	* Fuel Strainer Screen	011516	011516	011516	011516	011516	011516
29	Fuel Strainer Cover Gasket	010529	010529	010529	010529	010529	010529
30	Fuel Strainer Cover	014937	014937	014937	014937	014937	014937
31	* Fuel Strainer Cover Ret. Screw	010571	010571	010571	010571	010571	010571
32	Idle Mixture Screw	014971	014321	014321	015036	014321	014971
33	Idle Mixture Screw Cup	----	----	----	014478	----	----
34	* Idle Mixture Screw Spring	08793	08793	08793	08793	08793	08793
35	Idle Mixture Screw Washer	011428	011428	011428	011428	011428	011428
36	Idle Mixture Screw Packing	011401	011401	011401	011401	011401	011401
37	* Idle Speed Screw	011811	014326	014326	014326	014326	014326
38	Idle Speed Screw Cup	014478	----	----	----	----	----
38	Idle Speed Screw Washer	----	----	----	----	----	011049
39	* Idle Speed Screw Spring	0788	0788	0788	0788	0788	0788
40	* Inlet Control Lever	010513	010513	010513	010513	014020	010513
41	* Inlet Control Lever Fulcrum Pin	013406	013406	013406	013406	013406	013406
42	* Inlet Control Lever Fulcrum Pin Ret. Screw	013269	013269	013269	013269	013269	013269
43	Inlet Needle, Seat & Gasket	014602	014602	014602	014602	015261	014602
44	Inlet Seat Gasket	010165	010165	010165	010165	010165	010165
45	* Inlet Tension Spring	011503	011503	011503	011503	013434	013434
46	Inlet Valve Gasket	----	014884	014884	014884	----	----
47	* Inlet Valve Diaphragm	----	014883	014883	014883	----	----
48	Inlet Valve Body	----	014879	014879	014879	----	----
49	Inlet Valve Body Ret. Screw (6)	----	014882	014882	014882	----	----
50	High Speed Mixture Screw	----	014499	014499	014964	014499	----
51	* High Speed Mixture Screw Spring	----	011103	011103	011103	011103	----
52	High Speed Mixture Screw Washer	----	03114	03114	03114	03114	----
53	High Speed Mixture Screw Packing	----	010511	010511	010511	010511	----
53A	Main Fuel Jet (.041)	----	----	----	----	----	012370
53A	Main Fuel Jet (.045)	012010	----	----	----	----	----
53B	Main Fuel Jet Gasket	010404	----	----	----	----	010404
53C	Main Fuel Jet Plug Screw	0675	----	----	----	----	0675
53D	Main Fuel Jet Plug Screw Gasket	013094	----	----	----	----	013094
54	* Nozzle Check Valve	016624	014334	014334	014334	014334	016624
55	Throttle Cable Bracket	016328	015000	015000	----	015000	016328
56	Throttle Cable Bracket Ret. Screw & Lkwshr.	015005	015005	015005	----	015005	015005
57	Throttle Cable Clamp	014995	014995	014995	----	014995	014995
58	Throttle Cable Clamp Ret. Nut	014997	014997	014997	----	014997	014997
59	Throttle Cable Clamp Ret. Screw	016322	014998	014998	----	014998	016322
60	Throttle Shaft & Lever	----	----	----	015340	015004	----
60A	Throttle Shaft & Lever	016605	016171	016171	----	----	016605
61	Throttle Shaft Clip	09678	09678	09678	09678	09678	09678
62	Throttle Shaft Clip Lockwasher	0992	0992	0992	0992	0992	0992
63	Throttle Shaft Clip Ret. Screw	01974	01974	01974	01974	01974	01974
64	* Throttle Shaft Return Spring	014324	014324	014324	014324	014324	014324
65	Throttle Shutter	014961	014961	014961	014961	014320	014961
66	* Throttle Shutter Screw & Lockwasher (2)	015912	015912	015912	015912	015912	015912
67	* Throttle Wire Ret. Screw	055	055	055	055	055	055
	* Gasket Set	GS-1HR	GS-1HR	GS-1HR	GS-1HR	GS-1HR	GS-1HR
	Repair Parts Kit	RK-3HR	RK-2HR	RK-2HR	RK-3HR	RK-3HR	RK-3HR
	Diaphragm & Gasket Set	DG-1HR	DG-1HR	DG-1HR	DG-1HR	DG-1HR	DG-1HR

(*) Indicates contents of Repair Parts Kit



Carburetor Model	Superseding Model	Equipment
HR-144A	HR-144B	Featherweight
HR-144B		Featherweight
HR-145A		Moto-Ski
HR-146A		Massey-Ferguson
HR-147A		Featherweight
HR-148A		Skiroule

Ref. No.	Part Name	HR-144A	HR-144B	HR-145A	HR-146A	HR-147A	HR-148A
2	Body Channel Plug Screw	----	014988	----	----	014988	----
4	*Body Channel Welch Plug (2)	02531	02531	02531	02531	02531	02531
6	Choke Friction Ball	04784	04784	04784	04784	04784	04784
7	Choke Friction Spring	08805	08805	08805	08805	08805	08805
8	Choke Lever Assembly	015037	015037	----	----	015037	015037
9	Choke Lever Ret. Screw	0240	0240	----	----	0240	0240
10	Choke Shaft	015068	015068	----	----	015068	015068
11	Choke Shaft & Lever	----	----	014716	016557	----	----
12	Choke Shutter	014962	014962	014962	014962	014962	014962
13	Choke Shutter Screw & Lockwasher (2)	015912	015912	015912	015912	015912	015912
16	*Choke Wire Ret. Screw	055	055	----	055	055	055
17	Diaphragm Gasket	012473	012473	012473	012473	012473	012473
18	*Diaphragm	012475	012475	012475	012475	012475	012475
19	Diaphragm Cover	015348	016167	016373	015424	015487	014402
21	Flange Gasket	014319	014319	014319	014319	014319	014319
22	Fuel Pump Gasket	014881	014881	014881	014881	014881	012930
23	*Fuel Pump Diaphragm	014880	014880	014880	014880	014880	----
24	*Fuel Pump Diaphragm (Pulse)	----	----	----	----	----	014230
25	*Fuel Pump Diaphragm (Valve)	----	----	----	----	----	014229
26	Fuel Pump Body	014878	014878	014878	014878	014878	013335
27	Fuel Pump Body Screw & Lockwasher (6)	----	----	----	----	----	010098
28	*Fuel Strainer Screen	011516	011516	011516	011516	011516	011516
29	Fuel Strainer Cover Gasket	010529	010529	010529	010529	010529	----
30	Fuel Strainer Cover	014937	014937	014937	014937	014937	----
31	*Fuel Strainer Cover Ret. Screw	010571	010571	010571	010571	010571	----
32	Idle Mixture Screw	015036	015036	014321	014321	015036	014971
33	Idle Mixture Screw Cup	014478	----	----	----	014478	----
34	*Idle Mixture Screw Spring	08793	08793	08793	08793	08793	08793
35	Idle Mixture Screw Washer	011428	011428	011428	011428	011428	011428
36	Idle Mixture Screw Packing	011401	011401	011401	011401	011401	011401
37	*Idle Speed Screw	014326	014326	014326	014326	011811	014326
38	Idle Speed Screw Cup	----	----	----	----	014478	----
39	*Idle Speed Screw Spring	0788	0788	0788	0788	0788	0788
40	*Inlet Control Lever	010513	010513	010513	010513	010513	010513
41	*Inlet Control Lever Fulcrum Pin	013406	013406	013406	013406	013406	013406
42	*Inlet Control Lever Fulcrum Pin Ret. Screw	013269	013269	013269	013269	013269	013269
43	Inlet Needle, Seat & Gasket	014602	014602	014602	014602	014602	014602
44	Inlet Seat Gasket	010165	010165	010165	010165	010165	010165
45	*Inlet Tension Spring	011503	011503	011503	011503	011503	011503
46	Inlet Valve Gasket	014884	014884	014884	014884	014884	----
47	*Inlet Valve Diaphragm	014883	014883	014883	014883	014883	----
48	Inlet Valve Body	014879	014879	014879	014879	014879	----
49	Inlet Valve Body Ret. Screw (6)	014882	014882	014882	014882	014882	----
50	High Speed Mixture Screw	014964	014499	014964	014964	014499	014499
51	*High Speed Mixture Screw Spring	011103	011103	011103	011103	011103	011103
52	High Speed Mixture Screw Washer	03114	03114	03114	03114	03114	03114
53	High Speed Mixture Screw Packing	010511	010511	010511	010511	010511	010511
54	*Nozzle Check Valve	014334	014334	014334	014334	014334	014334
54A	Recirculator Elbow Connector	----	----	----	----	015664	----
55	Throttle Cable Bracket	015000	015000	----	----	----	015000
56	Throttle Cable Bracket Ret. Screw & Lkwshr	015005	015005	----	----	----	015005
57	Throttle Cable Clamp	014995	014995	----	----	----	014995
58	Throttle Cable Clamp Ret. Nut	014997	014997	----	----	----	014997
59	Throttle Cable Clamp Ret. Screw	014998	014998	----	----	----	014998
60	Throttle Shaft & Lever	015004	015004	----	015632	015224	015004
60A	Throttle Shaft & Lever	----	----	015342	----	----	----
61	Throttle Shaft Clip	09678	09678	09678	09678	09678	09678
62	Throttle Shaft Clip Lockwasher	0992	0992	0992	0992	0992	0992
63	Throttle Shaft Clip Ret. Screw	01974	01974	01974	01974	01974	01974
64	*Throttle Shaft Return Spring	014324	014324	014324	014324	014324	014324
65	Throttle Shutter	014961	014961	014961	014961	014961	014961
66	*Throttle Shutter Screw & Lockwasher (2)	015912	015912	015912	015912	015912	015912
67	*Throttle Wire Ret. Screw	055	055	055	055	055	055
	*Gasket & Packing Set	GS-1HR	GS-1HR	GS-1HR	GS-1HR	GS-1HR	GS-1HR
	Repair Parts Kit	RK-2HR	RK-2HR	RK-2HR	RK-2HR	RK-2HR	RK-1HR
	Diaphragm & Gasket Set	DG-1HR	DG-1HR	DG-1HR	DG-1HR	DG-1HR	DG-1HR

(*) Indicates contents of Repair Parts Kit



Carburetor Model	Superseding Model	Equipment
HR-149A.		Bombardier
HR-152A.		Bombardier
HR-153A.		Sno-Jet
HR-155A.		Bombardier
HR-156A.		Moto-Ski
HR-157A.		Alsport

Ref. No.	Part Name	HR-149A	HR-152A	HR-153A	HR-155A	HR-156A	HR-157A
2	Body Channel Plug Screw	----	----	014988	----	----	----
4	* Body Channel Welch Plug (2)	02531	02531	02531	02531	02531	02531
6	Choke Friction Ball	04784	----	04784	04784	04784	04784
7	Choke Friction Spring	08805	----	08805	08805	08805	08805
10	Choke Shaft	016625	----	----	----	----	----
11	Choke Shaft & Lever	----	----	015003	----	016818	015003
11A	Choke Shaft & Pin Assembly	----	----	----	015604	----	----
12	Choke Shutter	014462	----	014962	014621	014962	014962
13	Choke Shutter Screw & Lkwsr (2)	015912	----	015912	015912	015912	015912
16	* Choke Wire Ret. Screw	----	----	055	----	----	055
17	Diaphragm Gasket	012473	012473	012473	012473	012473	012473
18	* Diaphragm	012475	012475	012475	012475	012475	012475
19	Diaphragm Cover	016373	015348	015080	016326	016373	016167
21	Flange Gasket	014319	014319	014319	014319	014319	014319
22	Fuel Pump Gasket	014881	014881	014881	014881	014881	014881
23	* Fuel Pump Diaphragm	014880	014880	014880	014880	014880	014880
26	Fuel Pump Body	014878	014878	014878	014878	014878	014878
28	* Fuel Strainer Screen	011516	011516	011516	011516	011516	011516
29	Fuel Strainer Cover Gasket	010529	010529	010529	014804	010529	010529
30	Fuel Strainer Cover	014937	014937	014937	014937	----	014937
31	* Fuel Strainer Cover Ret. Screw	010571	010571	010571	010571	----	010571
32	Idle Mixture Screw	014971	014971	014321	014971	014321	015036
34	* Idle Mixture Screw Spring	08793	08793	08793	08793	08793	08793
35	Idle Mixture Screw Washer	011428	011428	011428	011428	011428	011428
36	Idle Mixture Screw Packing	011401	011401	011401	011401	011401	011401
37	* Idle Speed Screw	014326	011811	014326	014326	014326	014326
38	Idle Speed Screw Cup	----	014478	----	----	----	----
39	* Idle Speed Screw Spring	0788	0788	0788	0788	0788	0788
40	* Inlet Control Lever	013100	010513	010513	010513	010513	010513
41	* Inlet Control Lever Fulcrum Pin	013406	013406	013406	013406	013406	013406
42	* Inlet Control Lever Fulcrum Pin Ret. Screw	013269	013269	013269	013269	013269	013269
43	Inlet Needle, Seat & Gasket	014602	014602	014602	014602	014602	014602
44	Inlet Seat Gasket	010165	010165	010165	010165	010165	010165
45	* Inlet Tension Spring	013434	011503	011503	013434	011503	011503
46	Inlet Valve Gasket	014884	014884	014884	014884	014884	014884
47	* Inlet Valve Diaphragm	014883	014883	014883	014883	014883	014883
48	Inlet Valve Body	014879	014879	014879	014879	014879	014879
49	Inlet Valve Body Ret. Screw (6)	014882	014882	014882	014882	014882	014882
50	High Speed Mixture Screw	014499	014964	014499	----	014499	014964
51	* High Speed Mixture Screw Spring	011103	011103	011103	----	011103	011103
52	High Speed Mixture Screw Washer	03114	03114	03114	----	03114	03114
53	High Speed Mixture Screw Packing	010511	010511	010511	----	010511	010511
53A	Main Fuel Jet (.051)	----	----	----	----	----	----
53A	Main Fuel Jet (.044)	----	015817	----	----	----	----
53B	Main Fuel Jet Gasket	----	010404	----	----	----	----
53C	Main Fuel Jet Plug Screw	----	0675	----	----	----	----
53D	Main Fuel Jet Plug Screw Gasket	----	013094	----	----	----	----
54	* Nozzle Check Valve	014334	016679	014334	014334	014334	014334
55	Throttle Cable Bracket	016328	015000	015000	016358	015000	015000
56	Throttle Cable Brkt. Screw & Lkwsr	015005	015005	015005	015005	015005	015005
57	Throttle Cable Clamp	014995	014995	014995	014995	014995	014995
58	Throttle Cable Clamp Ret. Nut	014997	014997	014997	014997	014997	014997
59	Throttle Cable Clamp Ret. Screw	016322	014998	014998	016322	014998	014998
60	Throttle Shaft & Lever	016605	016281	016114	016357	016819	015004
61	Throttle Shaft Clip	09678	09678	09678	09678	09678	09678
62	Throttle Shaft Clip Lockwasher	0992	0992	0992	0992	0992	0992
63	Throttle Shaft Clip Ret. Screw	01974	01974	01974	01974	01974	01974
64	* Throttle Shaft Return Spring	014324	014324	014324	014324	014324	014324
65	Throttle Shutter	014961	014961	014961	014320	014961	014961
66	* Throttle Shutter Screw & Lkwsr (2)	015912	015912	015912	015912	015912	015912
67	* Throttle Wire Ret. Screw	055	055	055	055	055	055
	* Gasket Set	GS-1HR	GS-1HR	GS-1HR	GS-1HR	GS-1HR	GS-1HR
	Repair Parts Kit	RK-4HR	RK-5HR	RK-2HR	RK-2HR	RK-2HR	RK-2HR
	Diaphragm & Gasket Set	DG-1HR	DG-1HR	DG-1HR	DG-1HR	DG-1HR	DG-1HR

(*) Indicates contents of Repair Parts Kit



Carburetor Model	Superseding Model	Equipment
HR-158A		Sno-Jet
HR-159A		Moto-Ski
HR-161A		Bombardier
HR-162A		Massey-Ferguson
HR-163A		Polaris
HR-164A		Bombardier

Ref. No.	Part Name	HR-158A	HR-159A	HR-161A	HR-162A	HR-163A	HR-164A
2	Body Channel Plug Screw	014988	----	----	----	----	----
4	* Body Channel Welch Plug (2)	02531	02531	02531	02531	02531	02531
6	Choke Friction Ball	04784	04784	04784	04784	04784	04784
7	Choke Friction Spring	08805	08805	08805	08805	08805	08805
11	Choke Shaft & Lever	015003	014716	016038	016907	016998	016038
12	Choke Shutter	014962	014962	014962	014962	014621	014962
13	Choke Shutter Screw & Lkwshr (2)	015912	015912	915912	015912	015912	015912
16	* Choke Wire Ret. Screw	055	----	055	055	055	055
17	Diaphragm Gasket	012473	012473	012473	012473	012473	012473
18	* Diaphragm	012475	012475	012475	012475	012475	012475
19	Diaphragm Cover	015348	016373	016373	015424	011418	016373
21	Flange Gasket	014319	014319	014319	014319	014319	014319
22	Fuel Pump Gasket	014881	014881	014881	014881	----	014881
23	* Fuel Pump Diaphragm	014880	014880	014880	014880	----	014880
25	Fuel Pump Body	014878	014878	014878	014878	----	014878
28	* Fuel Strainer Screen	011516	011516	011516	011516	----	011516
29	Fuel Strainer Cover Gasket	010529	010529	014804	010529	----	014804
30	Fuel Strainer Cover	014937	014937	014937	----	----	----
31	* Fuel Strainer Cover Ret. Screw	010571	010571	----	015071	----	----
32	Idle Mixture Screw	014321	014321	014971	014321	015036	014971
34	* Idle Mixture Screw Spring	08793	08793	08793	08793	08793	08793
35	Idle Mixture Screw Washer	011428	011428	011428	011428	011428	011428
36	Idle Mixture Screw Packing	011401	011401	011401	011401	011401	011401
37	* Idle Speed Screw	014326	014326	014326	014326	014326	014326
39	* Idle Speed Screw Spring	0788	0788	0788	0788	0788	0788
40	* Inlet Control Lever	010513	010513	010513	010513	010513	010513
41	* Inlet Control Lever Fulcrum Pin	013406	013406	013406	013406	013406	013406
42	* Inlet Control Lever Fulcrum Pin Screw	013269	013269	013269	013269	013269	013269
43	Inlet Needle, Seat & Gasket	013546	014602	014602	014602	014602	014602
44	Inlet Seat Gasket	010165	010165	010165	010165	010165	010165
45	* Inlet Tension Spring	011503	011503	013434	011503	011503	011503
46	Inlet Valve Gasket	014884	014884	014884	014884	----	014884
47	* Inlet Valve Diaphragm	014883	014883	014883	014883	----	014883
48	Inlet Valve Body	014879	014879	014879	014879	----	014879
49	Inlet Valve Body Ret. Screw (6)	014882	014882	014882	014882	----	014882
50	High Speed Mixture Screw	014499	014499	----	014964	014499	014964
51	* High Speed Mixture Screw Spring	011103	011103	----	011103	011103	011103
52	High Speed Mixture Screw Washer	03114	03114	----	03114	03114	03114
53	High Speed Mixture Screw Packing	010511	010511	----	010511	010511	010511
53A	Main Fuel Jet (.051)	----	----	011764	----	----	----
53B	Main Fuel Jet Gasket	----	----	010404	----	----	----
53C	Main Fuel Jet Plug Screw	----	----	065	----	----	----
53D	Main Fuel Jet Plug Screw Gasket	----	----	013094	----	----	----
54	* Nozzle Check Valve	014334	014334	014334	014334	014334	014334
55	Throttle Cable Bracket	015000	----	016358	----	016320	016358
56	Throttle Cable Brkt. Screw & Lkwshr	015005	015005	015005	----	015005	015005
57	Throttle Cable Clamp	014995	014995	014995	----	014995	014995
58	Throttle Cable Clamp Ret. Nut	014997	014997	014997	----	014997	014997
59	Throttle Cable Clamp Ret. Screw	014998	014998	016322	----	016322	016322
60	Throttle Shaft & Lever	015004	016832	016357	015632	016605	016357
61	Throttle Shaft Clip	09678	09678	09678	09678	09678	09678
62	Throttle Shaft Clip Lockwasher	0992	0992	0992	0992	0992	0992
63	Throttle Shaft Clip Ret. Screw	01974	01974	01974	01974	01974	01974
64	* Throttle Shaft Return Spring	014324	014324	014324	014324	014324	014324
65	Throttle Shutter	014961	014961	014961	014961	014961	014961
66	* Throttle Shutter Screw & Lkwshr (2)	015912	015912	015912	015912	015912	015912
67	* Throttle Wire Ret. Screw	055	055	055	055	055	055
	* Gasket Set	GS-1HR	GS-1HR	GS-1HR	GS-1HR	GS-1HR	GS-1HR
	Repair Parts Kit	RK-2HR	RK-2HR	RK-2HR	RK-2HR	RK-2HR	RK-2HR
	Diaphragm & Gasket Set	DG-1HR	DG-1HR	DG-1HR	DG-1HR	DG-1HR	DG-1HR

(*) Indicates contents of Repair Parts Kit



Carburetor Model Superseding Model Equipment

HR-165A.	.....	Bombardier
HR-166A.	.....	Bombardier
HR-168A.	.....	Bombardier
HR-169A.	.....	Bombardier
HR-170A.	.....	Bombardier

Ref. No.	Part Name	HR-165A	HR-166A	HR-168A	HR-169A	HR-170A
4	* Body Channel Welch Plug (2)	02531	02531	02531	02531	02531
6	Choke Friction Ball	04784	04784	----	----	----
7	Choke Friction Spring	08805	08805	----	----	----
11	Choke Shaft & Lever	----	016038	----	----	----
11A	Choke Shaft & Pin Assembly.	015604	----	----	----	----
12	Choke Shutter	014621	014962	----	----	----
13	Choke Shutter Screw & Lkwshr (2).	015912	015912	----	----	----
16	* Choke Wire Ret. Screw	----	055	----	----	----
17	Diaphragm Gasket.	012473	012473	012473	012473	012473
18	* Diaphragm	012475	012475	012475	012475	012475
19	Diaphragm Cover	016326	016373	016373	011418	011418
19A	Diaphragm Cover Screw & Lockwasher (6).	----	----	----	011441	011441
21	Flange Gasket	014319(2)	014319	014319	014319	014319
22	Fuel Pump Gasket.	014881	014881	014881	----	----
23	* Fuel Pump Diaphragm	014880	014880	014880	----	----
25	Fuel Pump Body.	014878	014878	014878	----	----
28	* Fuel Strainer Screen.	----	011516	011516	----	----
29	Fuel Strainer Cover Gasket.	----	014804	010529	----	----
30	Fuel Strainer Cover	----	----	014937	----	----
31	* Fuel Strainer Cover Ret. Screw.	----	----	010571	----	----
32	Idle Mixture Screw.	014971	014971	014971	014971	014971
34	* Idle Mixture Screw Spring	08793	08793	08793	08793	08793
35	Idle Mixture Screw Washer	011428	011428	011428	011428	011428
36	Idle Mixture Screw Packing.	011401	011401	011401	011401	011401
37	* Idle Speed Screw.	014326	014326	014326	014326	014326
38	Idle Speed Screw Washer	011049	011049	----	----	----
39	* Idle Speed Screw Spring	0788	0788	0788	0788	0788
40	* Inlet Control Lever	010513	010513	013100	010513	010513
41	* Inlet Control Lever Fulcrum Pin	013406	013406	013406	013406	013406
42	* Inlet Control Lever Fulcrum Pin Screw	013269	013269	013269	013269	013269
43	Inlet Needle, Seat & Gasket	014602	014602	014602	014602	014602
44	Inlet Seat Gasket	010165	010165	010165	010165	010165
45	* Inlet Tension Spring.	013434	013434	013434	011503	014016
46	Inlet Valve Gasket.	014884	014884	014884	----	----
47	* Inlet Valve Diaphragm	014883	014883	014883	----	----
48	Inlet Valve Body.	014879	014879	014879	----	----
49	Inlet Valve Body Ret. Screw (6)	014882	014882	014882	----	----
50	High Speed Mixture Screw.	----	----	014499	----	----
51	* High Speed Mixture Screw Spring	----	----	011103	----	----
52	High Speed Mixture Screw Washer	----	----	03114	----	----
53	High Speed Mixture Screw Packing.	----	----	010511	----	----
53A	Main Fuel Jet (.051).	----	011764	----	011764	----
53A	Main Fuel Jet (.044).	015817	----	----	----	----
53A	Main Fuel Jet (.054).	----	----	----	----	017230
53B	Main Fuel Jet Gasket.	010404	010404	----	010404	010404
53C	Main Fuel Jet Plug Screw.	0675	0675	----	0675	0675
53D	Main Fuel Jet Plug Screw Gasket	013094	013094	----	013094	013094
54	* Nozzle Check Valve.	014334	014334	014334	014334	014334
55	Throttle Cable Bracket.	016358	016358	----	016320	016320
56	Throttle Cable Brkt. Screw & Lkwshr	015005	015005	----	015005	015005
57	Throttle Cable Clamp.	014995	014995	----	014995	014995
58	Throttle Cable Clamp Ret. Nut	014997	014997	----	014997	014997
59	Throttle Cable Clamp Ret. Screw	016322	016322	----	016322	016322
60	Throttle Shaft & Lever.	016357	016357	----	----	----
60A	Throttle Shaft & Lever.	----	----	016605	016329	016329
61	Throttle Shaft Clip	09678	09678	09678	09678	09678
62	Throttle Shaft Clip Lockwasher.	0992	0992	0992	0992	0992
63	Throttle Shaft Clip Ret. Screw.	01974	01974	01974	01974	01974
64	* Throttle Shaft Return Spring.	014324	014324	014324	014324	014324
65	Throttle Shutter.	014320	014961	014961	014961	014961
66	* Throttle Shutter Screw & Lkwshr (2)	015912	015912	015912	015912	015912
67	* Throttle Wire Ret. Screw.	055	055	055	055	055
	* Gasket Set.	GS-1HR	GS-1HR	GS-1HR	GS-1HR	GS-1HR
	Repair Parts Kit.	RK-2HR	RK-2HR	RK-4HR	RK-1HR	RK-4HR
	Diaphragm & Gasket Set.	DG-1HR	DG-1HR	DG-1HR	DG-1HR	DG-1HR

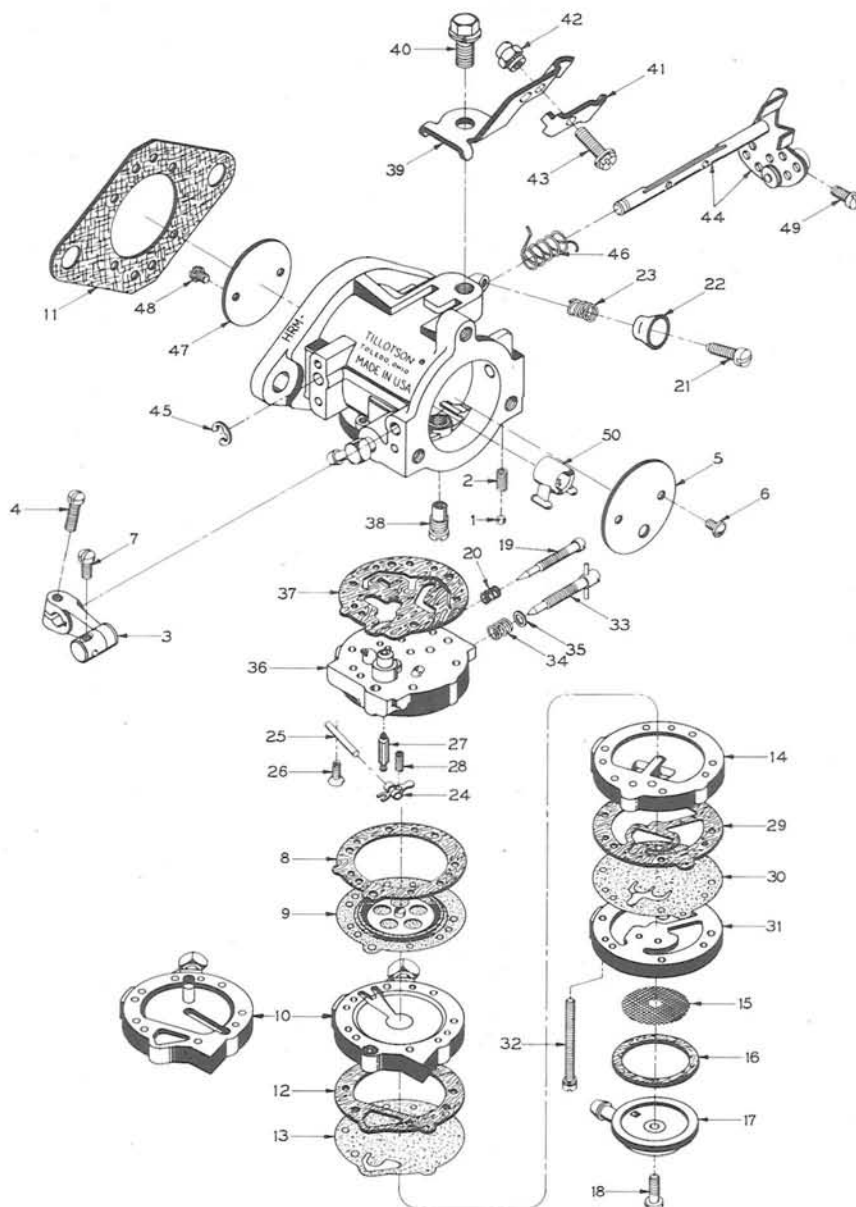
(*) Indicates contents of Repair Parts Kit



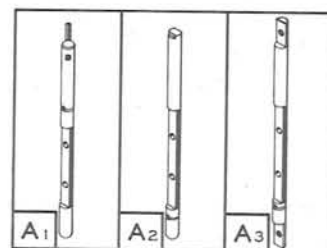
HRM Series PARTS LIST SECTION

CARBURETORS

Illustration of Basic Parts standard throughout HRM Series Carburetor. For individual model listings see following pages.



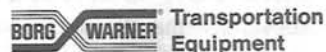
SHAFT & LEVER ASSEMBLIES



Parts illustrated are typical in appearance, and may not look exactly like the part required.

Tillotson Carburetors

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



Form S-1027
10/74



Carburetor Model	Superseding Model	Equipment
HRM-1A.		Massey-Ferguson
HRM-3A.		Bombardier
HRM-4A.		Sno-Jet
HRM-5A.		Bombardier
HRM-6A.		Alsept

Ref. No.	Part Name	HRM-1A	HRM-3A	HRM-4A	HRM-5A	HRM-6A
1	Choke Friction Ball.	04784	04784	04784	----	04784
2	Choke Friction Spring.	08805	08805	08805	----	08805
3	Choke Lever Assembly.	015037	----	015037	----	----
4	Choke Lever Ret. Screw.	0240	----	0240	----	----
A1	Choke Shaft.	016926	----	016926	----	----
A2	Choke Shaft.	----	017040	----	----	----
A3	Choke Shaft & Lever.	----	----	----	----	016942
5	Choke Shutter.	016928	016633	016928	----	016633
6	Choke Shutter Ret. Screw (2)	015912	015912	015912	----	015912
7	*Choke Wire Ret. Screw.	055	----	055	----	----
8	Diaphragm Gasket.	012473	012473	012473	012473	012473
9	*Diaphragm.	012475	012475	012475	012475	012475
10	Diaphragm Cover.	016929	017039	017150	017039	016929
11	Flange Gasket.	016635	016635	016635	016635	016635
12	Fuel Pump Gasket.	014881	014881	014881	014881	014881
13	*Fuel Pump Diaphragm.	014880	014880	014880	014880	014880
14	Fuel Pump Body.	014878	014878	014878	014878	014878
15	*Fuel Strainer Screen.	011516	011516	011516	011516	011516
16	Fuel Strainer Cover Gasket.	010529	010529	010529	010529	010529
17	Fuel Strainer Cover.	014937	014937	014937	014937	014937
18	Fuel Strainer Cover Ret. Screw.	010571	010571	010571	010571	010571
19	Idle Mixture Screw.	016923	016923	016923	016923	016932
20	*Idle Mixture Screw Spring.	08793	08793	08793	08793	08793
21	*Idle Speed Screw.	012177	012177	012177	012177	012177
22	Idle Speed Screw Cup.	014478	014478	014478	014478	014478
23	*Idle Speed Screw Spring.	0788	0788	0788	0788	0788
24	*Inlet Control Lever.	014020	014020	014020	014020	014020
25	*Inlet Control Lever Fulcrum Pin.	013406	013406	013406	013406	013406
26	*Inlet Control Lever Fulcrum Pin Ret. Screw.	013269	013269	013269	013269	013269
27	Inlet Needle.	015260	013396	015260	013396	015260
28	*Inlet Tension Spring.	011503	011503	011503	011503	011503
29	Inlet Valve Gasket.	014884	014884	014884	014884	014884
30	*Inlet Valve Diaphragm.	014883	014883	014883	014883	014883
31	Inlet Valve Body.	014879	014879	014879	014879	014879
32	Inlet Valve Body Ret. Screws (6)	016644	016644	016644	016644	016644
33	High Speed Mixture Screw.	017002	017038	017002	017245	017002
34	*High Speed Mixture Screw Spring.	011103	011103	011103	011103	011103
35	High Speed Mixture Screw Washer.	----	----	----	03114	03114
36	Module Body.	016930	017036	017152	017243	016930
37	Module Metering Gasket.	016636	016636	016636	016636	016636
38	*Nozzle Check Valve.	016922	016922	016922	016941	016941
39	Throttle Cable Bracket.	016328	016328	016328	----	016328
40	Throttle Cable Bracket Ret. Screw.	015005	015005	015005	----	015005
41	Throttle Cable Clamp.	014995	014995	014995	----	014995
42	Throttle Cable Clamp Ret. Nut.	014997	014997	014997	----	014997
43	Throttle Cable Clamp Ret. Screw.	016322	016322	016322	----	016322
44	Throttle Shaft & Lever.	016643	016643	016643	017153	017175
45	Throttle Shaft Clip.	016620	016620	016620	016620	016620
46	*Throttle Shaft Return Spring.	016637	016637	016637	016637	016637
47	Throttle Shutter.	016632	016632	016632	016632	016632
48	*Throttle Shutter Ret. Screw (2).	015912	015912	015912	015912	015912
49	Throttle Wire Ret. Screw.	055	055	055	055	055
50	Venturi.	016645	016645	016645	016645	016645
	*Gasket Set.	GS-1HRM	GS-1HRM	GS-1HRM	GS-1HRM	GS-1HRM
	Repair Parts Kit.	RK-1HRM	RK-1HRM	RK-1HRM	RK-2HRM	RK-2HRM
	Diaphragm & Gasket Set.	DG-1HRM	DG-1HRM	DG-1HRM	DG-1HRM	DG-1HRM

(*) Indicates contents of Repair Parts Kit