

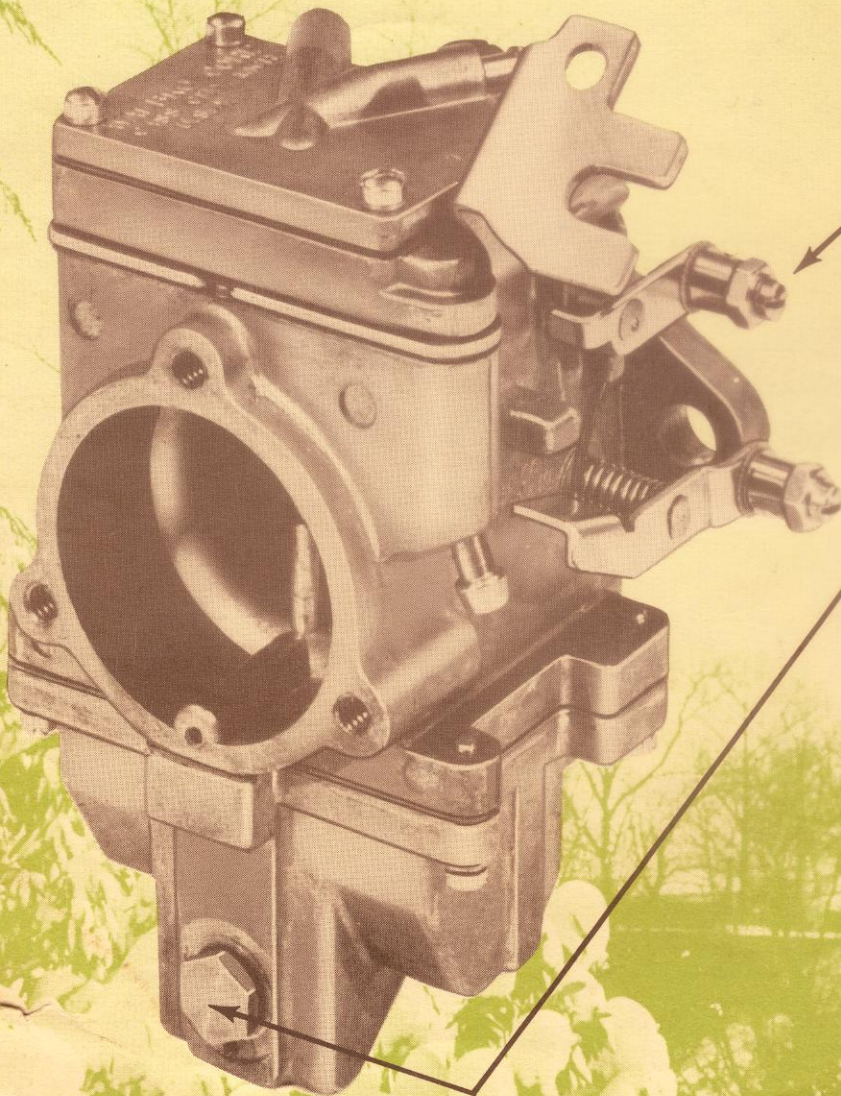


walbro

FLOATER pumper carburetors

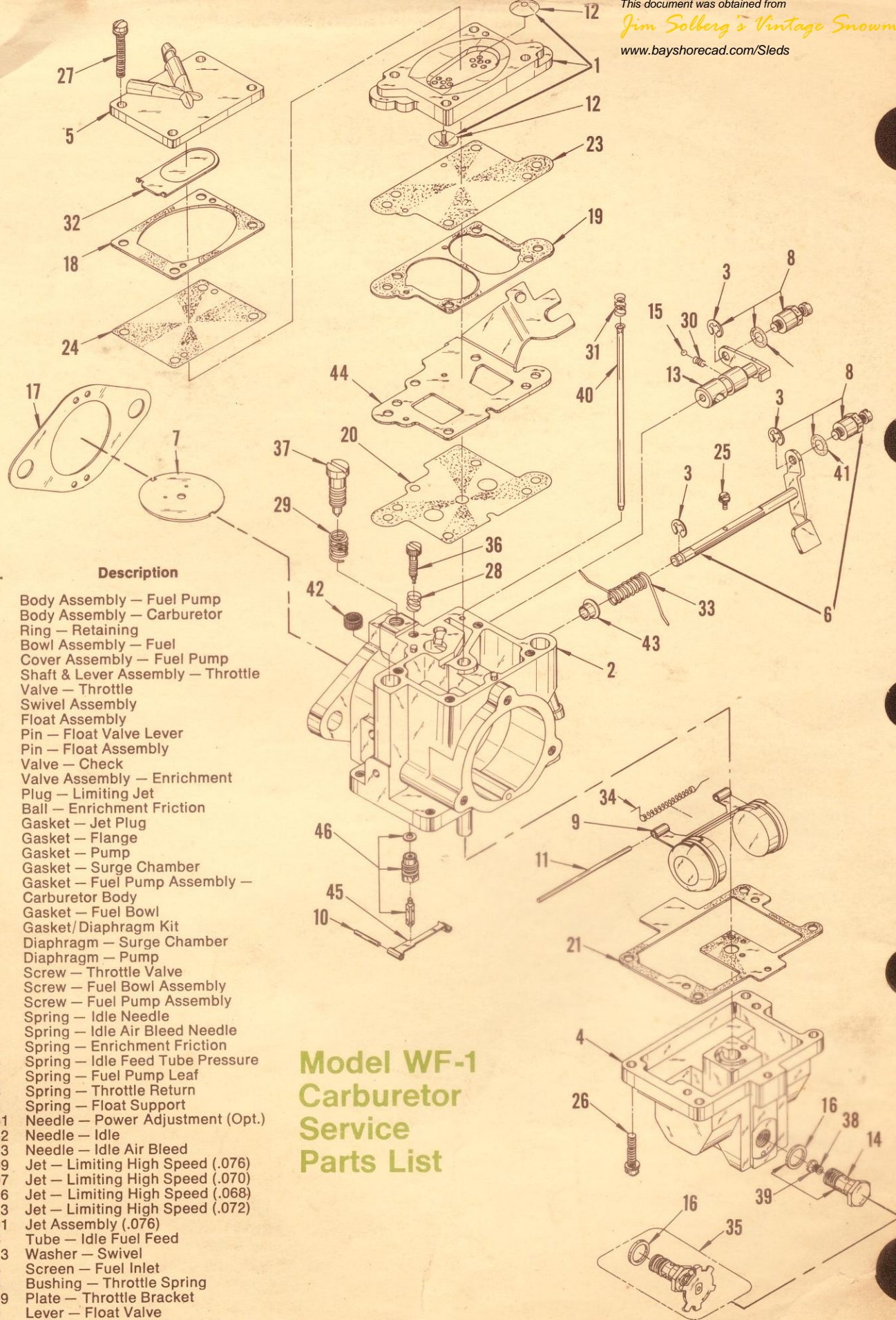
Advanced reliability over a broad range of temperature and altitude with new silencing devices.

The Walbro WF Series Carburetor has been totally engineered, from basic design concept, for Recreational Vehicles, Snowmobiles, ATV's. It is 6.5" high, 4.63" wide and 3.44" deep.



SPECIALIZED FEATURES

1. Automotive type float feed with fuel reservoir. Assuring quick starting, hot or cold.
2. Provides for higher engine heat soak-back. Avoids vapor-lock.
3. Fuel Pump Option: Can be ordered integral with carburetor or Walbro's Autopulse Model 3013 "Mini-pump" separately installed.
4. Fuel Enrichment Valve replaces conventional choke:
 - a. Eliminates air-restriction of choke valve and shaft.
 - b. Leans-out mixture after engine starts.
 - c. Provides for warm-up fast idle.
 - d. Closes to smooth-idle when engine is warm.
 - e. Allows full throttle operation without flooding.
5. Idle Air-Bleed Screw replaces primer function. Stabilizes idling, particularly as frost builds up on throttle valve. Valve remains closed as air enters through Idle Speed Screw Hole. Prevents premature clutch engagement.
6. High Speed Jets: Available with adjustable or fixed jets. Interchangeable jets for high altitudes or special service.
7. Tilt Attitude: Designed for horizontal mounting, WF operates in tilt to 45° in any direction.
8. Engine Mounting: Interchanges with Walbro WD, WDA, WRA or HD engine mounting and choke flanges.
9. Venturi Size: Covers range of WR, WD, WDA sizes for 295 cc to 650 cc single carburetor engines.
10. Throttle Control Bracket: Built-in.
11. Primer: None required.
12. Silencing: Designed for use with most popular intake silencers.
13. Service: A single Repair Kit and a single Gasket-Diaphragm Kit simplify servicing.
14. Background: Designed and engineered by Walbro, producer of millions of float-feed and diaphragm carburetors for lawn and turf, industrial and outboard engines as well as all types of recreational vehicles. Walbro products have a long record of outstanding performance.



Model WF-1 Carburetor Service Parts List

Ref. No.	Part No.	Description
1	5-1209	Body Assembly — Fuel Pump
2	5-1210	Body Assembly — Carburetor
3	*16-33	Ring — Retaining
4	20-530	Bowl Assembly — Fuel
5	21-614	Cover Assembly — Fuel Pump
6	30-714	Shaft & Lever Assembly — Throttle
7	34-73	Valve — Throttle
8	*52-505	Swivel Assembly
9	75-536	Float Assembly
10	78-37	Pin — Float Valve Lever
11	*78-40	Pin — Float Assembly
12	82-34	Valve — Check
13	82-509	Valve Assembly — Enrichment
14	88-14	Plug — Limiting Jet
15	*89-13	Ball — Enrichment Friction
16	*92-11	Gasket — Jet Plug
17	*92-141	Gasket — Flange
18	*92-162	Gasket — Pump
19	*92-163	Gasket — Surge Chamber
20	*92-164	Gasket — Fuel Pump Assembly — Carburetor Body
21	*92-165	Gasket — Fuel Bowl
22	*92-548	Gasket/Diaphragm Kit
23	*95-67	Diaphragm — Surge Chamber
24	*95-68	Diaphragm — Pump
25	*96-517	Screw — Throttle Valve
26	*96-554	Screw — Fuel Bowl Assembly
27	*96-555	Screw — Fuel Pump Assembly
28	98-14	Spring — Idle Needle
29	98-84	Spring — Idle Air Bleed Needle
30	*98-162	Spring — Enrichment Friction
31	*98-188	Spring — Idle Feed Tube Pressure
32	98-262	Spring — Fuel Pump Leaf
33	98-263	Spring — Throttle Return
34	98-265	Spring — Float Support
35	100-541	Needle — Power Adjustment (Opt.)
36	*102-132	Needle — Idle
37	102-133	Needle — Idle Air Bleed
38	112-109	Jet — Limiting High Speed (.076)
38	112-107	Jet — Limiting High Speed (.070)
38	112-106	Jet — Limiting High Speed (.068)
38	112-113	Jet — Limiting High Speed (.072)
39	112-501	Jet Assembly (.076)
40	122-68	Tube — Idle Fuel Feed
41	136-113	Washer — Swivel
42	140-48	Screen — Fuel Inlet
43	148-54	Bushing — Throttle Spring
44	157-139	Plate — Throttle Bracket
45	166-50	Lever — Float Valve
46	*200-534	Float Valve, Seat & Gasket Assy.
47	300-794	Repair Kit

** Parts in Gasket/Diaphragm Kit * Parts in Repair Kit
 NOTE: Part numbers circled are eliminated when Pump System is removed.



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