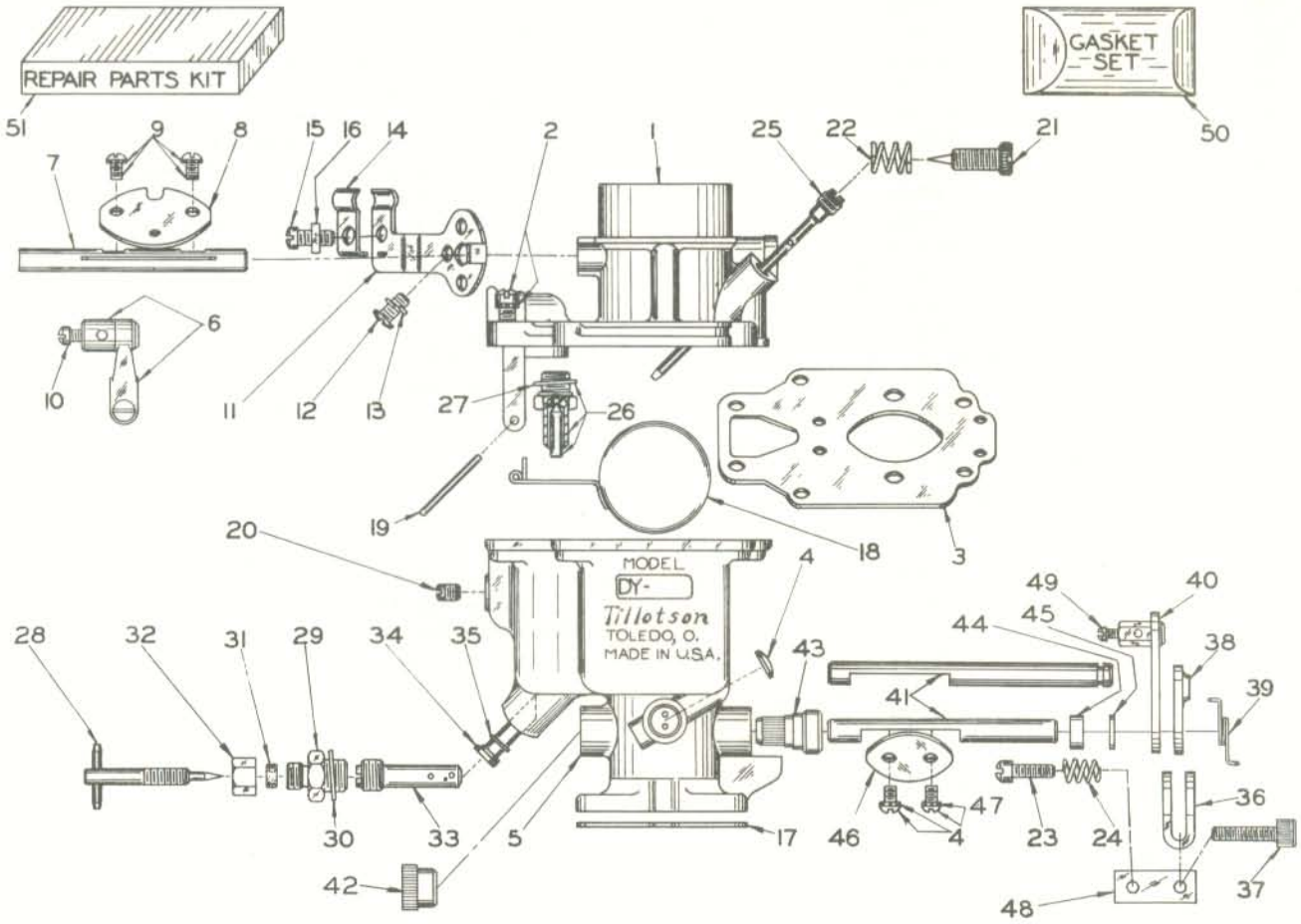
CARBURETOR MODEL: DY-11A



WHEN ORDERING, PLEASE SPECIFY FULL CARBURETOR MODEL AND COMPLETE PART NUMBER AND NAME.

Ref. No.	DY-11A Part No.	Part Name
1	07441	Air Horn
2	08420	Air Horn Retaining Screw & Lockwasher (6)
3	06409	Air Horn Gasket
4	02531	*Body Channel Welch Plug
5	09480	Body (Includes Shaft & Shutter)
6	09590	Choke Lever (with Swivel)
7	09476	Choke Shaft
8	09453	Choke Shutter
9	08317	Choke Shutter Screw & Lockwasher (2)
10	058	*Choke Wire Retaining Screw
11	05404	Choke Wire Bracket
12	01974	Choke Wire Bracket Retaining Screw
13	0992	Choke Wire Bracket Retaining Screw Lockwasher
14	03028	Choke Wire Clamp
15	054	Choke Wire Clamp Bolt
16	05797	Choke Wire Clamp Nut

Ref. No.	DY-11A Part No.	Part Name
17	0278	Flange Gasket
18	06436	Float
19	06233	*Float Lever Pin
20	03311	*Float Bowl Inspection Plug Screw
21	06336	*Idle Adjustment Screw
22	0737	*Idle Adjustment Screw Spring
23	01108	*Idle Speed Regulating Screw
24	0788	Idle Speed Regulating Screw Spring
25	07009	*Idle Tube
26	06287	*Inlet Needle, Seat & Gasket
27	0676	Inlet Seat Gasket
28	03076	*Main Adjustment Screw
29	02656	Main Adjustment Screw Gland
30	0225	Main Adjustment Screw Gland Gasket
31	0705	Main Adjustment Screw Packing
32	0703	Main Adjustment Screw Packing Nut
33	07973	*Main Nozzle
34	09471	Main Nozzle Outlet Tube
35	06407	Main Nozzle Outlet Tube Gasket
36	06724	Throttle Clamp
37	011695	*Throttle Clamp Screw (10-32 x 3/4" Socket Head)
38	09473	Throttle Governor Control Lever
39	09475	Throttle Governor Control Lever Spring
40	09478	Throttle Lever
41	09477	*Throttle Shaft
42	02661	Throttle Shaft Bushing
43	09472	Throttle Shaft Bushing
44	09484	Shaft Seal
45	06371	Shaft Seal Washer
46	07008	Throttle Shutter
47	08317	*Throttle Shutter Screw & Lockwasher (2)
48	06712	Throttle Stop Plate
49	058	Throttle Wire Retaining Screw
50	07144	*GASKET & PACKING SET
51	09531	REPAIR PARTS KIT

(*) Indicates contents of REPAIR PARTS KIT.

FLOAT LEVEL: To set correctly, remove Upper Body Assembly containing complete float mechanism. Turn upside down and with Float Lever resting on the Inlet Needle, carefully bend EACH lever arm, if necessary, to give a distance of one and twenty-seven sixty-fourths (1-27/64) inches from face of body gasket to the then top of raised seam encircling each Float. This measurement must be maintained with both floats to obtain proper performance. As a guide, the fuel level will be found, after carburetor assembly, just below lowest portion of Float Bowl Inspection Hole. When inspection indicates level continues to rise beyond setting point, remove Inlet Needle and Seat, clean their seating surfaces with a soft clean cloth. Place Inlet Needle in its Seat and tap very lightly, turning Inlet Needle with the thumb and forefinger several times to reseat. Reinstall and if proper level is not maintained, install a new Inlet Needle and Seat Assembly. (DO NOT CHANGE GASOLINE LEVEL FROM MANUFACTURERS SPECIFICATIONS).

INITIAL ADJUSTMENT: Open Idle Adjustment Screw 3/4ths to one (1) full turn open from closed position. Proceed in like manner with Main Adjustment Screw except open approximately 2 full turns from closed position.

POWER RANGE ADJUSTMENT: Final setting of Main Adjustment Screw after correct adjustment mixture is made should be approximately 2 full turns open.

IDLE MIXTURE ADJUSTMENT: Made only after Power Range completed — the final Idle Adjustment Screw setting should be between 3/4ths and one (1) full turn open.

Rev. 3/59

PRINTED IN U. S. A.

TILLOTSON MANUFACTURING CO.
PARTS AND SERVICE DIVISION
TOLEDO 12, OHIO, U. S. A.