

Governor Repair Parts Package No. 5500, Price \$4.41

For Servicing Governor on ETW1 Carter Carburetor

USED ON THE FOLLOWING VEHICLES:

Weapon Carrier without Winch ($\frac{3}{4}$ ton, 4 x 4). Serial numbers 81667006, 81668149 and 81668309 through 81674100 and after 81675080.Weapon Carrier with Winch ($\frac{3}{4}$ ton, 4 x 4). Serial numbers 81668388 through 81674100 and after 81675080.Command ($\frac{3}{4}$ ton, 4 x 4). Serial numbers 81668612 through 81674100 and after 81675080.Ambulance ($\frac{3}{4}$ ton, 4 x 4). Serial numbers 81668308 through 81674100 and after 81675080.Personnel and Cargo Carrier without Winch ($1\frac{1}{2}$ ton, 6 x 6). After serial number 82023143.Personnel and Cargo Carrier with Winch ($1\frac{1}{2}$ ton, 6x6). After serial number 82023203.

Part No.	PART NAME	List Price	Part No.	PART NAME	List Price
1A-31	Carburetor flange gasket.....	\$0.08	101-172	Governor housing attaching screw.....(3)	.04
118-186S	Governor adjusting screw passage plug assembly	.45	101-200S	Gov. housing plate cover screw and washer assy.	.22
38A-52S	#Governor adjusting screw bushing assy. (Brass)....	.88	101-203	XGovernor adjusting screw45
38A-54S	#Gov. adjusting screw bushing assy. (Die Cast)....	.88	105A-35	Governor throttle valve shaft nut.....	.07
61-288	XGovernor spring29	121-113	Governor housing gasket15
76-34	Screw lock wire	(2) .03	121-114	Body flange gasket08
86-46	Governor throttle valve shaft nut lock washer.....	.04	121-115	Air horn to air cleaner adaptor gasket.....	.15
101-160S	Governor housing plate cover screw and washer assembly	(2) .07	181-129S	Governor cam assembly.....	.45
			218-10	Governor chain22

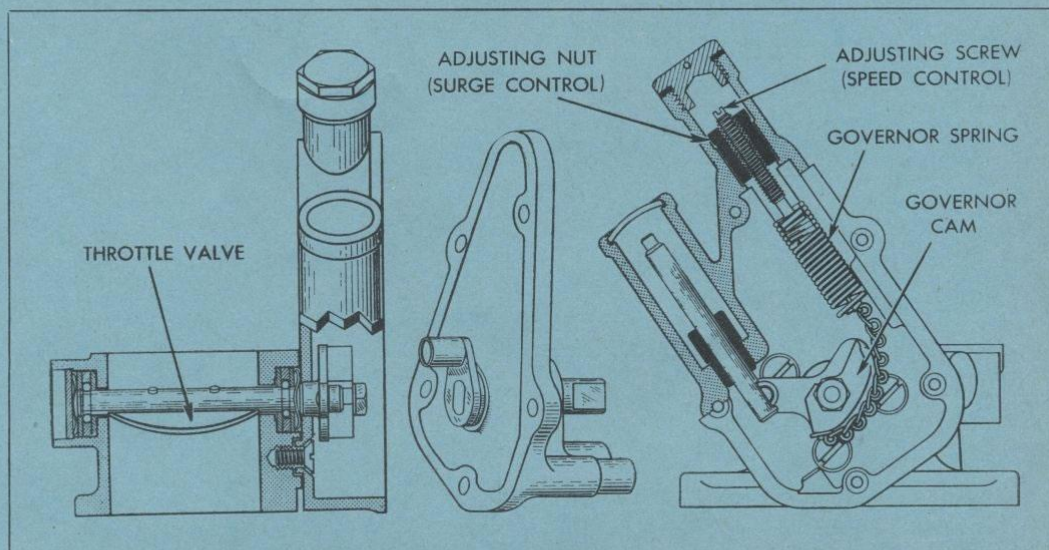
See Page 4, paragraph (1) under Cleaning, Inspection and Repair.

X See Page 4, paragraph (3) with Note, under Cleaning, Inspection and Repair.

OPERATION OF GOVERNOR

The governor is an integral part of the carburetor connected directly to the carburetor throttle shaft and governs the maximum engine speed by controlling the position of the carburetor throttle valve. The governor works on the principle of air velocity against the off-center throttle valve. The cam on the throttle shaft revolves in a clock-wise direction thus increasing the governor spring tension as the throttle valve closes. A stabilizer, to prevent throttle valve

flutter, is located in the side of the governor housing opposite the governor spring. The balancing effect between the air velocity against the off-center valve and the adjustable spring working against the cam action allows the governor to become effective at almost any pre-determined speed. It is known as the "velocity type" governor.



CARBURETOR
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