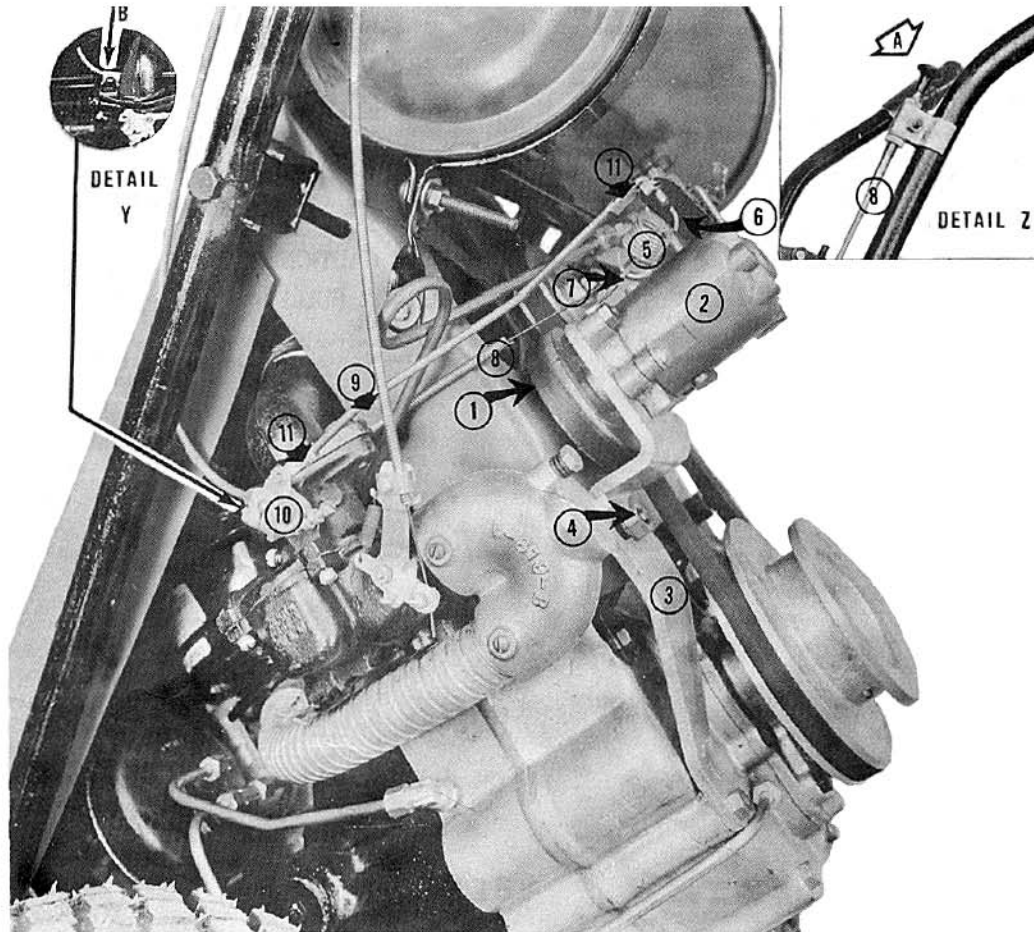


GRAVELY GOVERNOR INSTRUCTIONS

MODEL MA-1759



INSTALLATION

1. Mount Governor Pulley (1) on the Governor Assembly (2) by means of the Allen Set Screw, using the L shaped Allen Wrench furnished with the Governor Kit.

2. Install Governor Assembly on the Mounting Bracket (3) by means of the two bolts (Part No. 177-S) and nuts. (Part No. 201-N).

3. Mount Bracket and Governor to crankcase as shown in the photograph. Use the special Long Crankcase Bolt (Part No. L-116) for the bottom hole. Loosen the nut (4) on the Fan Housing and remove it and the washer. The slot of the Mounting Bracket goes over the stud that projects from the Fan Housing. Then replace the washer and nut. At this time move the bracket clockwise until the Governor Pulley comes into firm contact with the fan belt. Then tighten the nut (4) down securely.

4. Mount the Boden Wire Assembly (8) to handle. See Detail Z on the photograph.

5. Mount Clip (B in Detail Y) under manifold bolt head and loop the Wire Assembly through it as illustrated. If the gas line is assembled in a slightly different manner than shown in the photograph, you may have to put the clip on the manifold bolt nearest the governor. Either way is correct as long as there is no interference between the wire assembly and the gas line.

6. Couple Governor Spring (5) to center hole in Throttle Lever (6).

7. Hook Spring Connector (7) to Governor Spring, then hook the end of the Boden Wire Assembly (8) into the Spring Connector.

GOVERNOR INSTRUCTIONS

8. Now pull out the Hand Throttle Control (A in Detail Z) as far as it will go. This will put tension on the Governor Spring (5).

9. Attach Throttle Rod (9) to Throttle Lever (6) and Bellcrank (10) with the clips (11) provided.

10. Remove the old Throttle Control Bellcrank. Place the carburetor valve in the wide open position. Install the Bellcrank (10) on the carburetor Throttle Valve shaft (the shaft from which you removed the old Bellcrank) and clamp securely by means of the small bolt and nut on the Bellcrank.

ADJUSTMENTS

1. Five holes are provided in the Throttle Lever (6) for adjustment.

2. To INCREASE Governor Sensitivity--hook Governor Spring (5) in hole nearer Throttle Lever Hub on Governor.

3. To Remove LOAD SURGE--hook Governor Spring (5) in hole further from Throttle Lever Hub.

TROUBLE SHOOTING

If your Governor is not responding properly, check these points.

1. Check to see that Governor Pulley (1) is bearing against Fan Drive Belt and is being driven properly.

2. With tension on Governor Spring, engine NOT running, check Bellcrank (10) to be certain that Carburetor Throttle Valve is held wide open.

3. Be certain that Throttle Rod (9) is free from friction.

PARTS PRICE LIST

NO REQ'D	PART NO.	DESCRIPTION	PRICE
1	G 101	Governor	28.18
1	G 102	Throttle Rod	.29
1	G 104	Boden & Wire Throttle Assy. Clip	.17
1	G 105	Spring Connector	.09
1	G 106	Mounting Bracket	1.38
1	G 107	Control Bracket	.28
1	L 116	Mounting Bracket Bolt	.16
1	102-S	Boden & Wire Clip Screw	.02
1	207-N	Boden & Wire Clip Screw Nut	.01
3	177-S	Control Bracket & Mounting Screw	.03
3	201-N	Control Bracket & Mounting Screw Nut	.02
1	A2796	Spider and Shaft Assembly	4.03
1	A3810	Body and Bushing Assembly	7.65
3	G3168	Bushing for A-3810	.46
1	G9021-15	Body for A3810	6.50
1	A4328	Pulley Assembly	1.60
1	A4504	Throttle Lever Assembly	1.15
1	G3168	Bushing (Body at Drive Shaft)	.46
1	G8075	Plug (Body at Rocker Shaft)	.23
1	G8883	Weight Pin	.12
1	G9121-8	Flange	5.18
1	G9821-1	Swivel Yoke	1.44
1	G9843	Thrust Sleeve	1.73
1	G10126	Rocker Shaft	1.15
4	G8650-PM	Governor Weight	1.15
1	SN-5	Spring	.98
2	X-455	Escutcheon Pin	.12
1	X-121	Set Screw $\frac{1}{4}$ -20x $\frac{1}{2}$ (Pulley)	.12
2	X-1050	Lock Washer (Body to Flange)	.12
1	X-1158	Groove-Pin 3/32x5/8 (Hub in Lever)	.17

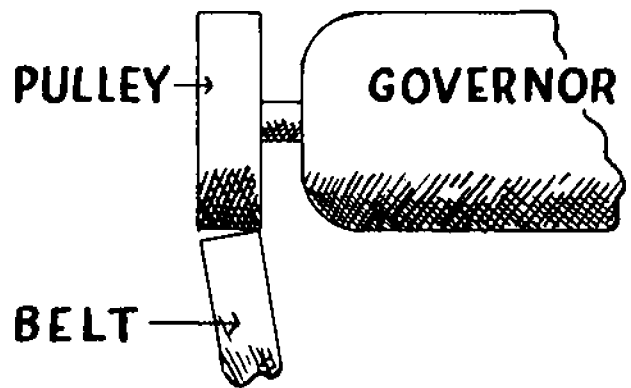
1	X1221	Oil Seal (Flange)	.46
1	X-1244-1	Name Plate	.29
2	X1300	Ball Bearing (Flange & Thrust Sleeve)	2.30
1	X1413	Gasket	.17
1	X1555	Oil Seal (Body at Rocker Shaft)	.23
2	X1619	Rd. Hd Screw (Body to Flange)	.17
1	X1914	Internal Snap Ring (Flange)	.29
1	X1915	External Snap Ring (Drive Shaft)	.29
1	X1923	External Snap Ring (Drive Shaft)	.23
4	X1983	Retaining Ring (Weight Pins)	.12
1	AC-575	Carburetor Bellcrank	.40
1	C-598	Throttle Rod Clip R.H. (Thr. Rod at Lever)	.12
1	C-858	Throttle Rod Clip L.H. (Thr. Rod at Carb.)	.04
1	G 103	Boden & Wire Throttle Assy.	2.25

IMPORTANT CAUTION FOR INSTALLATION OF GOVERNOR PULLEY

Unless your governor pulley is mounted according to these instructions, you will have difficulty with the rubber bonded surface of the pulley wearing away.

1. Be sure that the pulley is in line with the Fan Belt.
2. Be certain that there is only enough pressure to operate the Governor without slippage.
3. Be certain that the flat surface of the Fan Belt contacts the surface of the pulley evenly, and not at an angle.

WRONG



RIGHT

