

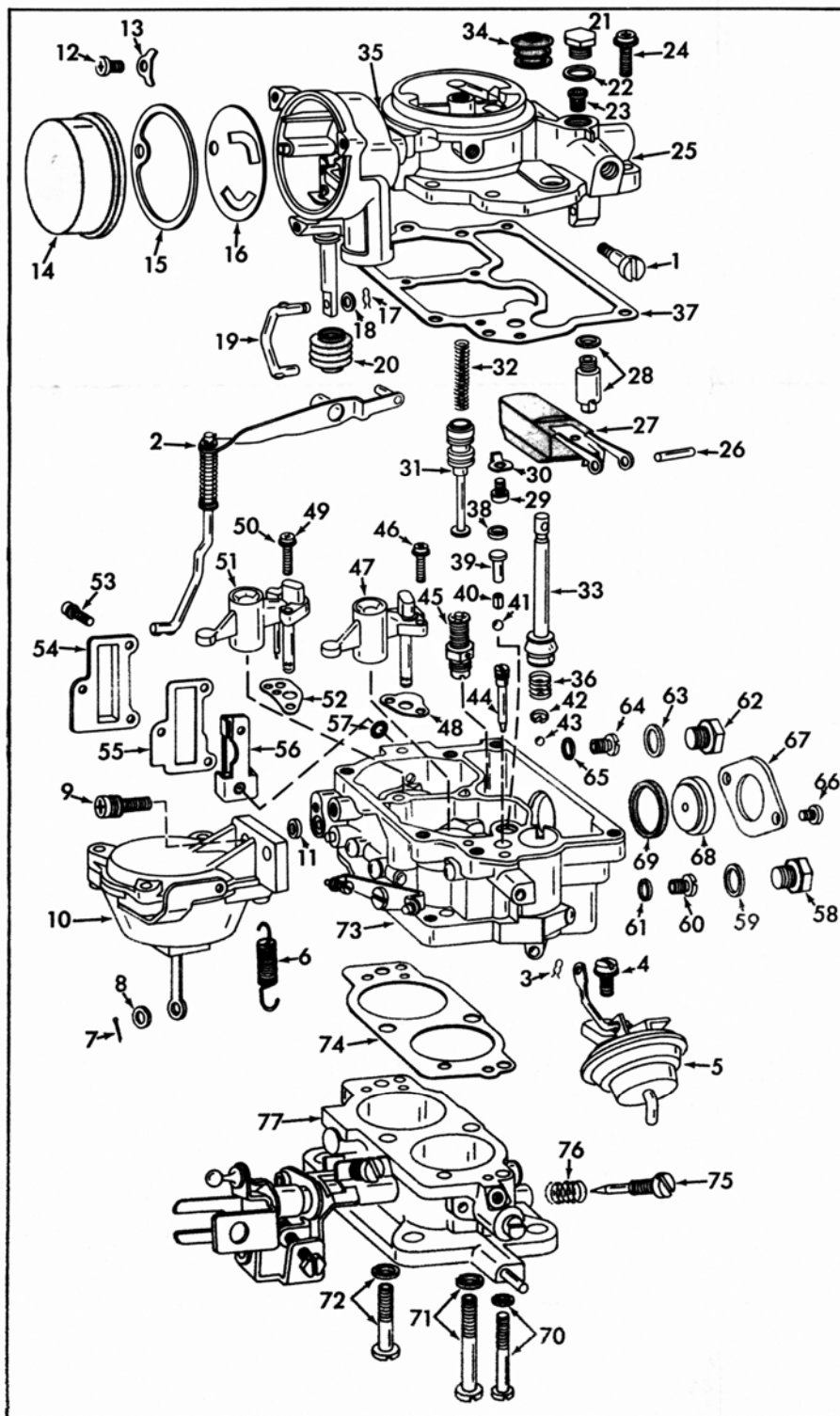
INSTRUCTION SHEET

AISAN CARBURETOR

50-428

GENERAL EXPLODED VIEW

THE GENERAL DESIGN AND PARTS SHOWN WILL VARY TO
INDIVIDUAL UNITS COVERED ON THIS INSTRUCTION SHEET.



SPECIAL INSTRUCTIONS

IDLE ADJUSTING NEEDLE (75) - TURN NEEDLE IN UNTIL LIGHTLY
SEATED, THEN BACK OUT 1 1/2 TURNS.

PUMP PLUNGER (33) - REMOVE PAPER SLEEVE FROM LEATHER CUP IF
USED, FLEX LEATHER OUTWARD SLIGHTLY. SOAK CUP IN GASOLINE,
KEROSENE OR OIL FOR A FEW MINUTES PRIOR TO PLACING IN CAR-
BURETOR.

WINDOW (68) - INSTALL CENTER BUBBLE OF WINDOW TO THE INSIDE.

CHOKE COVER (14) - ROTATE CHOKE COVER AGAINST SPRING TEN-
SION, ALIGN MARK ON COVER WITH INDEX MARK ON HOUSING.

DISASSEMBLY

USE EXPLODED VIEW AS A GUIDE. THE NUMERICAL SEQUENCE MAY
GENERALLY BE FOLLOWED TO DISASSEMBLE UNIT FAR ENOUGH TO
PERMIT CLEANING AND INSPECTION. NOTE: IF FOUND NECESSARY
TO REPLACE CHOKE HOUSING GASKET (35), BE SURE TO FILE OFF
PEENED END OF CHOKE VALVE SCREWS BEFORE REMOVING. DIS-
ASSEMBLY OF SECONDARY VACUUM UNIT NOT NECESSARY UNLESS
DIAPHRAGM NEEDS TO BE REPLACED.

NOMENCLATURE

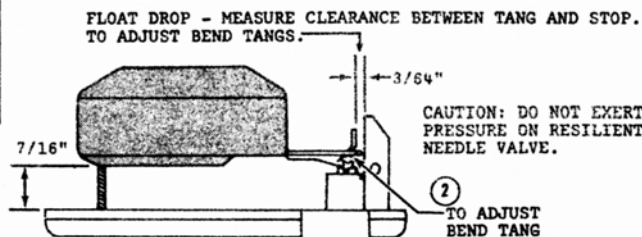
REF. NO.	REF. NO.
1. SCREW-PUMP LEVER	39. STOPPER-PUMP PASSAGE
2. LEVER & CONNECTING ROD ASSY.-PUMP	40. WEIGHT-DISC. BALL
3. RETAINER-CONNECTOR LINK	41. BALL-PUMP DISC.(LARGE)
4. SCREW & LOCKWASHER- THROTTLE POSITIONER	42. RETAINER-INTAKE BALL
5. THROTTLE POSITIONER ASSY.	43. BALL-INTAKE CHECK (SMALL)
6. SPRING-SEC. RETURN	44. JET-IDLE
7. COTTER PIN-SEC. DIAPH. LINK	45. POWER VALVE ASSY.
8. WASHER-SEC. DIAPH. LINK PIN.	46. SCREW & LOCKWASHER (2) PRI.VENTURI
9. SCREW, LOCK & FLAT WASHER(2)-SEC. VAC.UNIT	47. VENTURI-PRIMARY
10. SECONDARY VACUUM UNIT	48. GASKET-PRI.VENTURI
11. GASKET-SEC.VAC.UNIT	49. SCREW & LOCKWASHER- SEC.VENTURI(LONG)
12. SCREW(3)-CHOKE COVER RETAINER	50. SCREW & LOCKWASHER- SEC.VENTURI(SHORT)
13. RETAINER(3)-CHOKE COVER	51. VENTURI-SECONDARY
14. CHOKE COVER & COIL ASSY.	52. GASKET-SEC.VENTURI
15. GASKET-CHOKE COVER	53. SCREW & LOCKWASHER (3)-COVER IDLE COMP.
16. PLATE-CHOKE BAFFLE	54. COVER-IDLE COMP. VALVE
17. RETAINER-FAST IDLE LINK	55. GASKET-COVER IDLE COMP.
18. WASHER-FAST IDLE LINK	56. VALVE ASSY.-IDLE COMP.
19. LINK-FAST IDLE	57. O-RING-IDLE COMP.VALVE
20. BOOT-FAST IDLE ROD	58. PLUG-PRI.JET
21. PLUG-STRAINER	59. GASKET-PRI.JET PLUG
22. GASKET-PLUG	60. JET-PRI.MAIN(BRASS)
23. STRAINER	61. GASKET-PRI.JET
24. SCREW & LOCKWASHER(6)- BOWL COVER	62. PLUG-SEC.JET
25. BOWL COVER ASSY.	63. GASKET-SEC.JET PLUG
26. PIN-FLOAT LEVER	64. JET-SEC.MAIN(CROME)
27. FLOAT & LEVER ASSY.	65. GASKET-SEC.JET
28. NEEDLE, SEAT & GASKET ASSY.	66. SCREW(2)-WINDOW RETAINER
29. SCREW & LOCKWASHER- PISTON RETAINER	67. RETAINER-WINDOW
30. RETAINER-PISTON	68. WINDOW-FUEL BOWL
31. PISTON-POWER	69. GASKET-WINDOW
32. SPRING-POWER PISTON	70. SCREW & LOCKWASHER(2)- THROTTLE BODY TO BOWL
33. PUMP PLUNGER ASSY.	71. SCREW & LOCKWASHER(1)- THROTTLE BODY(LONG HOLLOW)
34. BOOT-PUMP	72. SCREW & LOCKWASHER(1)- THROTTLE BODY(SHORT HOLLOW)
35. GASKET-CHOKE HOUSING (NOT SHOWN)	73. BOWL ASSY.
36. SPRING-PUMP RETURN	74. GASKET-THROTTLE BODY
37. GASKET-BOWL COVER	75. NEEDLE-IDLE ADJ.
38. GASKET-STOPPER	76. SPRING-IDLE NEEDLE
	77. THROTTLE BODY ASSY.

CLEANING

CLEANING MUST BE DONE WITH CARBURETOR DISASSEMBLED. SOAK
PARTS LONG ENOUGH TO SOFTEN AND REMOVE ALL FOREIGN MATERIAL.
USE (1) A CARBURETOR CLEANING SOLVENT, (2) LACQUER THINNER
OR (3) DENATURED ALCOHOL. MAKE CERTAIN THE THROTTLE BODY
IS FREE OF ALL CARBON DEPOSITS. WASH OFF IN SUITABLE
SOLVENT. BLOW OUT ALL PASSAGES IN CASTINGS WITH COMPRESSED
AIR AND CHECK CAREFULLY TO INSURE THOROUGH CLEANING OF
OBSCURE AREAS. CAUTION: DO NOT SOAK RUBBER OR PLASTIC
PARTS IN CLEANING SOLVENTS, BEING CAREFUL OF DIAPHRAGM
ASSY'S. (5), (10), FLOAT (27) AND IDLE COMPENSATOR VALVE
(56) WHICH HAVE RUBBER COMPONENTS

REASSEMBLY

REASSEMBLE IN REVERSE ORDER OF DISASSEMBLY. NOTE: SPECIAL
INSTRUCTIONS AND ADJUSTMENTS.



BOWL COVER INVERTED, MEASURE DISTANCE BETWEEN FLOAT AT
TOE END AND CASTING SURFACE.

DRY FLOAT LEVEL ADJUSTMENT