

INSTRUCTION SHEET

OFF VEHICLE CARBURETOR SERVICE

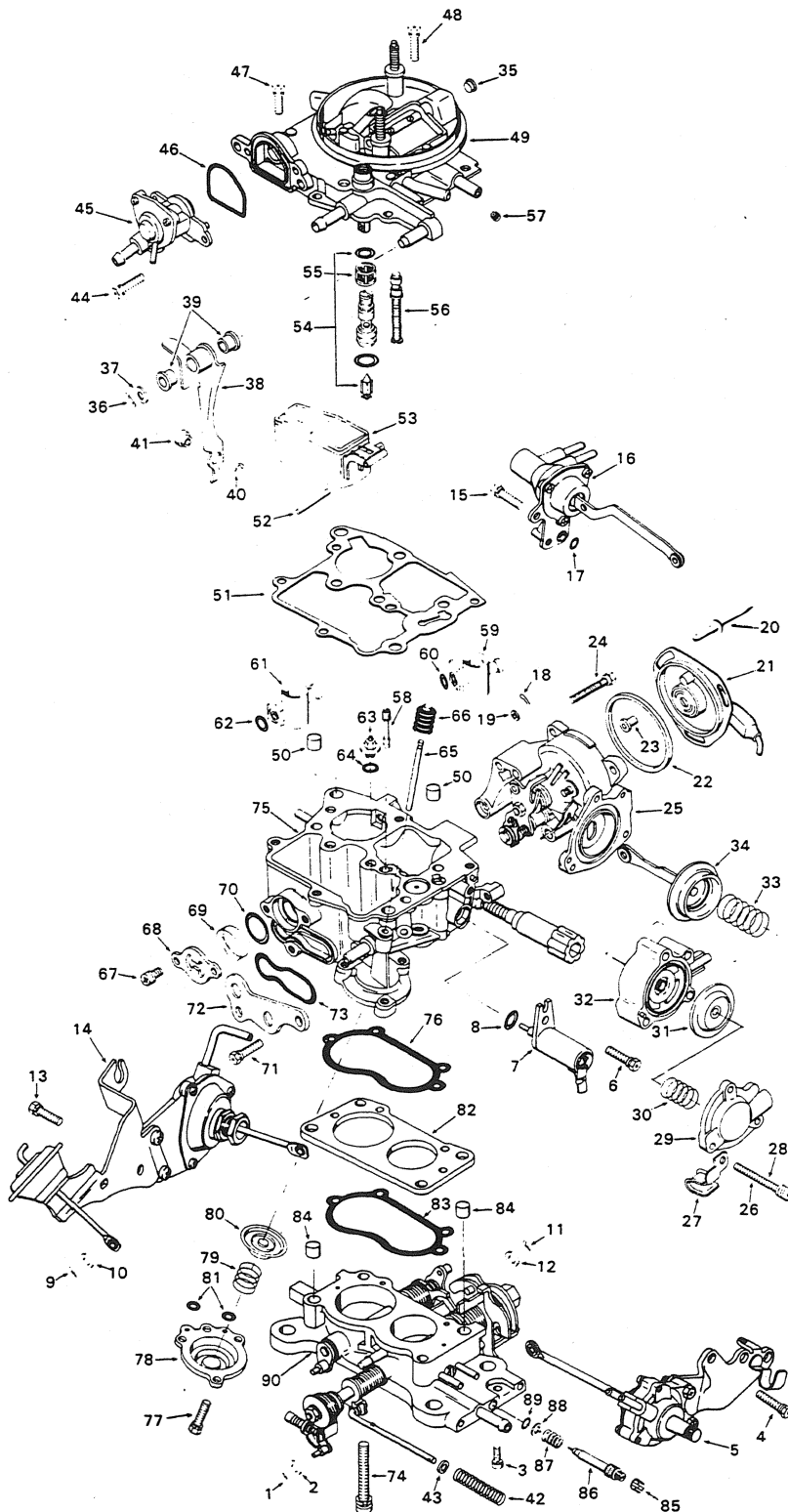
(HONDA ACCORD) KEIHIN CARBURETOR

50-711

2 BORE

GENERAL EXPLODED VIEW

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



DISASSEMBLY

USE THE EXPLODED VIEW AS A GUIDE. THE NUMERICAL SEQUENCE MAY GENERALLY BE FOLLOWED TO DISASSEMBLE UNIT FAR ENOUGH TO PERMIT CLEANING AND INSPECTION. NOTE: TO REMOVE CHOKE COVER USE A 5/32" DRILL AND DRILL OFF RIVET HEADS. TO REMOVE FLOAT PIN, CAREFULLY SUPPORT SHORT BOSS (FLOAT PIN SUPPORT) USING A 1/16" PUNCH AND HAMMER TAP PIN TOWARDS SHORT BOSS. IF POWER PISTON IS REMOVED CAREFULLY REMOVE STAKING FOR EASIER REMOVAL. TO REMOVE VENTURI'S, CAREFULLY LOOSEN SET SCREWS IN SIDE OF BOWL. RECORDED SIZES OF JETS (BELOW) FOR PROPER REASSEMBLY. IDLE MIXTURE NEEDLE BEFORE REMOVING, TURN IN COUNTING THE NUMBER OF TURNS IT IS FROM THE SEATED POSITION.

NOMENCLATURE

REF. NO.	REF. NO.
1. COTTER PIN - I.C. ROD	46. O-RING SEAL - BOWL VENT ASSY.
2. WASHER - I.C. ROD	47. SCREW & LOCKWASHER (4) - BOWL COVER
3. SCREW - I.C. BRACKET	48. SCREW & LOCKWASHER (2) - LONG BOWL COVER
4. SCREW (2) - I.C. BRACKET	49. BOWL COVER ASSEMBLY
5. IDLE CONTROLLER DIAPHRAGM & BRACKET ASSEMBLY (A/C)	50. GUIDE BUSHING (2) - BOWL COVER
6. SCREW & LOCKWASHER - SOLENOID	51. GASKET - BOWL COVER
7. SOLENOID ASSY. - IDLE CUT OFF	52. PIN - FLOAT
8. O-RING - SOLENOID MOUNTING	53. FLOAT ASSEMBLY
9. COTTER PIN - T.C. ROD	54. NEEDLE & SEAT ASSEMBLY W/O - RINGS
10. WASHER - T.C. ROD	55. SCREEN - NEEDLE SEAT
11. COTTER PIN - DASHPOT ROD	56. PISTON ASSEMBLY - POWER
12. WASHER - DASHPOT ROD	57. JET - PRI. MAIN WELL AIR BLEED
13. SCREW & LOCKWASHER (2) - BRACKET	58. JET - PRIMARY SLOW
14. DASHPOT, THROTTLE CONTROLLER ASSEMBLY & BRACKET	59. VENTURI - PRIMARY
15. SCREW (2) - CHOKE OPENER	60. O-RING - PRI. VENTURI
16. CHOKE OPENER DIAPHRAGM ASSY.	61. VENTURI - SECONDARY
17. O-RING - CHOKE OPENER	62. O-RING - SECONDARY VENTURI
18. COTTER PIN - CHOKE ROD	63. POWER VALVE
19. WASHER - CHOKE ROD	64. O-RING - POWER VALVE
20. POP RIVETS (3) - CHOKE RETAINER	65. ROD - PUMP
21. CHOKE COVER & RETAINER ASSY.	66. BOOT - PUMP ROD
22. GASKET - CHOKE COVER	67. SCREW & LOCKWASHER (2) - PLATE
23. PLASTIC BUSHING - CHOKE LEVER	68. PLATE - BOWL WINDOW
24. SCREW & LOCKWASHER (3) - CHOKE HOUSING	69. WINDOW - FUEL LEVEL
25. CHOKE HOUSING ASSEMBLY	70. O-RING - WINDOW SEAL
26. SCREW & LOCKWASHER - WIRE CLAMP	71. SCREW & LOCKWASHER (2) - COVER
27. CLAMP - WIRE LOOM	72. COVER - MAIN JET
28. SCREW & LOCKWASHER (2) - COVER	73. O-RING - MAIN JET COVER
29. COVER - UNLOADER	74. SCREW & LOCKWASHER (4) - THROTTLE BODY
30. SPRING - DIAPHRAGM	75. BOWL ASSEMBLY
31. DIAPHRAGM - F.I. UNLOADER (OUTER)	76. O-RING SEAL - BOWL TO SPACER
32. HOUSING - FAST IDLE UNLOADER	77. SCREW & LOCKWASHER (3) - COVER
33. SPRING - F.I. DIAPHRAGM	78. COVER - PUMP DIAPHRAGM
34. DIAPHRAGM - F.I. UNLOADER (INNER)	79. SPRING - DIAPHRAGM RETURN
35. PLUG (RUBBER) - CHOKE SHAFT	80. DIAPHRAGM - PUMP
36. COTTER PIN - PUMP LEVER	81. O-RING (2) - PUMP PASSAGE
37. WASHER - PUMP LEVER	82. SPACER - THROTTLE BODY
38. LEVER - PUMP	83. O-RING SEAL - SPACER
39. BUSHING (2) - PUMP LEVER	84. GUIDE BUSHING (2) - SPACER/THROTTLE BODY
40. RETAINER - PUMP ROD	85. CAP - IDLE ADJUSTING NEEDLE
41. BUSHING RETAINER - ROD SPRING	86. NEEDLE - IDLE ADJUSTING
42. SPRING - PUMP ROD	87. SPRING - IDLE NEEDLE
43. WASHER - PUMP ROD SPRING	88. WASHER - IDLE NEEDLE
44. SCREW & LOCKWASHER (2) - BOWL VENT VALVE	89. O-RING - IDLE NEEDLE
45. BOWL VENT VALVE ASSEMBLY	90. THROTTLE BODY ASSEMBLY

CLEANING

CLEANING MUST BE DONE WITH CARBURETOR DISASSEMBLED. CAUTION: DO NOT SOAK BOWL ASSEMBLY (75) BECAUSE PUMP BY PASS VALVE AND PUMP DISCHARGE CHECK ARE NOT REMOVABLE. FLUSH OUT ALL JET PASSAGES. SOAK PARTS LONG ENOUGH TO SOFTEN AND REMOVE ALL FOREIGN MATERIAL. DO NOT SOAK ANY ASSEMBLIES FOR A PROLONGED PERIOD OF TIME WITH PLASTIC PARTS THAT ARE NOT REMOVED. USE A CARBURETOR CLEANING SOLVENT (SPRAY CAN). MAKE CERTAIN THE THROTTLE BORES ARE FREE OF ALL CARBON DEPOSITS. WASH OFF IN SUITABLE SOLVENT. (FLUSH POWER PISTON GOOD IF NOT REMOVED). BLOW OUT ALL PASSAGES AND JETS IN CASTINGS WITH COMPRESSED AIR AND CHECK CAREFULLY TO INSURE THOROUGH CLEANING OF OBSCURE AREAS. CAUTION: DO NOT SOAK DIAPHRAGM OR SOLENOID ASSEMBLIES, CHOKE COVER, FLOAT OR PARTS MADE OF RUBBER IN ANY TYPE OF CLEANING SOLVENTS.

REASSEMBLY

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

SOME O-RING REPLACEMENTS ARE NOT FORMED UNTIL INSTALLED ON CARBURETOR. USE AN ADHESIVE TO HELP RETAIN O-RINGS IN ASSEMBLY IF NEEDED.

SPECIAL INSTRUCTIONS

IDLE ADJUSTING NEEDLE (86) - TO INSTALL, FIRST ASSEMBLE SPRING (87) WASHER (88) AND O-RING (89) ON NEEDLE. TURN NEEDLE IN UNTIL LIGHTLY SEATED THEN BACK OUT TURNS RECORDED ON DISASSEMBLY. (DO NOT INSTALL CAP (85) AT THIS TIME).

NEEDLE & SEAT ASSEMBLY - AFTER FUEL LEVEL IS ADJUSTED, SEAL SCREW HEAD OF NEEDLE SEAT WITH A SEALER TO PREVENT TURNING.

CHOKE COVER ASSEMBLY - WHEN INSTALLING BE SURE LOOP END OF SPRING IS PLACED ON PLASTIC BUSHING OF LEVER. ALIGN INDEX MARKS AND SECURE WITH NEW RIVETS.

FOLLOW SERVICE MANUAL INSTRUCTIONS TO MAKE FINAL ADJUSTMENTS ON CAR.

ADJUSTMENTS

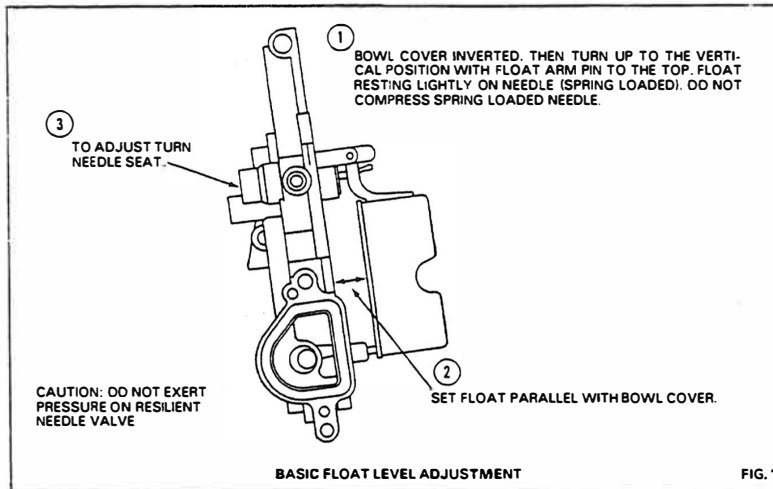


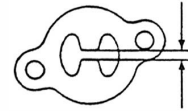
FIG. 1

CAR ON LEVEL GROUND. ENGINE AT OPERATING TEMPERATURE. SNAP THROTTLE TO 3000 R. P. M. SEVERAL TIMES. THEN LET IT IDLE.

WHEN FUEL LEVEL STABILIZES, CHECK FUEL LEVEL. IT SHOULD BE CENTERED IN THE INSPECTION WINDOW.

TO CHANGE LEVEL TURN NEEDLE SEAT NOT MORE THAN 1/8 TURN EVERY 15 SECONDS. REPEAT STEP 1.

SEAL TOP OF NEEDLE SEAT WITH A SEALER TO PREVENT TURNING.



(ON CAR) WET FLOAT LEVEL ADJUSTMENT

FIG. 2

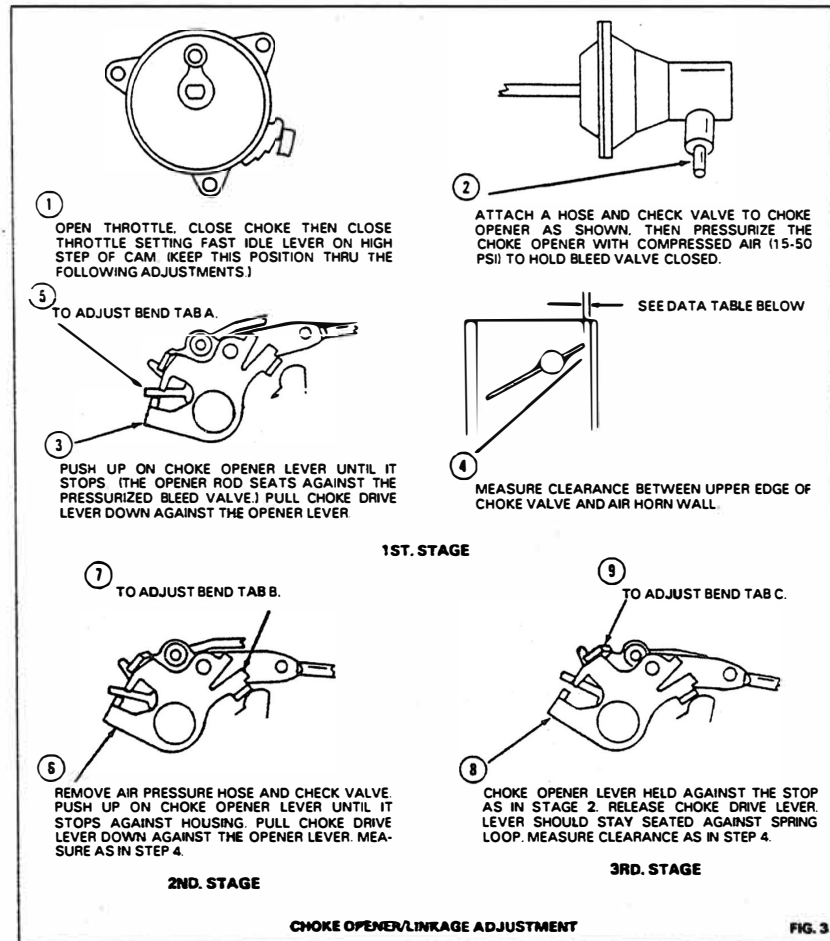
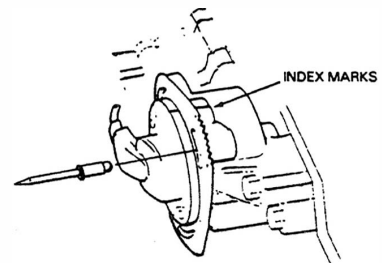


FIG. 3

INSTALL COVER AND ALIGN INDEX MARKS ON COVER AND HOUSING. NOTE: BE SURE LOOP OF SPRING IS ON LEVER PIN BUSHING.

INSTALL POP RIVETS.



AUTOMATIC CHOKE ADJUSTMENT

FIG. 4

DATA TABLE
CHOKE OPENER/LINKAGE ADJUSTMENT

YEAR/MODEL	1ST STAGE	2ND STAGE	3RD STAGE
1986-87 ACCORD			
M/T	1.54MM - .061"	3.28MM - .129"	5.25MM/.207"
A/T 49 ST./HL. ALT.	1.46MM - .057"	3.54MM - .139"	5.25MM/.207"
A/T CAL.	1.46MM - .057"	3.28MM - .129"	5.25MM/.207"