

OFF VEHICLE CARBURETOR SERVICE HONDA KEIHIN DUAL SINGLE BARREL ASSEMBLY

NOMENCLATURE

REF. NO.	REF. NO.
1. SCREWS, FRONT BRACKET (4)	66. NEEDLE JET
2. COTTER KEY, DASHPOT	67. PLUG, IDLE ADJUSTMENT NEEDLE
3. WASHER, DASHPOT	68. IDLE ADJUSTMENT NEEDLE
4. SCREWS, DASHPOT (2)	69. SPRING, IDLE ADJUSTMENT NEEDLE
5. DASHPOT	70. WASHER, IDLE ADJUSTMENT NEEDLE
6. FRONT BRACKET	71. O-RING, IDLE ADJUSTMENT NEEDLE
7. SEALS, FRONT BRACKET	72. RIGHT CARB. BODY ASSEMBLY
8. BUSHINGS, FRONT BRACKET (4)	73. SCREWS, CHOKE OPENER (3)
9. SCREWS, REAR BRACKET (4)	74. CHOKE OPENER ASSEMBLY
10. REAR BRACKET	75. SPRING, DIAPHRAGM
11. COTTER KEY, THROTTLE OPENER	76. DIAPHRAGM, CHOKE OPENER
12. WASHER, THROTTLE OPENER	77. COTTER KEY, CHOKE OPENER
13. SCREWS, THROTTLE OPENER (2)	78. WASHER, CHOKE OPENER
14. THROTTLE OPENER	79. SCREWS, THERMOWAX VALVE (2)
15. SCREWS, CROSSOVER PIPE (2)	80. THERMOWAX VALVE
16. BRACKETS, CROSSOVER PIPE (2)	81. SCREW, IDLE SHUTOFF SOLENOID
17. CROSSOVER PIPE	82. IDLE SHUTOFF SOLENOID (2 WIRE)
18. O-RINGS, CROSSOVER PIPE (2)	83. O-RING, IDLE SHUTOFF SOLENOID
19. SEALS, CROSSOVER PIPE (2)	84. SCREWS, VACUUM CHAMBER (2)
20. O-RING, VAPOR PIPE (LARGE)	85. VACUUM CHAMBER
21. O-RING, VAPOR PIPE (SMALL)	86. SPRING, VACUUM PISTON
22. VAPOR PIPE	87. VACUUM PISTON & NEEDLE ASSY
23. SCREWS, THROTTLE SENSOR (2)	88. SPRING SEAT
24. SPACERS, THROTTLE SENSOR (2)	89. STOPPER, VACUUM PISTON
25. THROTTLE SENSOR ASSEMBLY	90. O-RING, VACUUM PISTON
26. SCREWS, AIR VENT SOLENOID (2)	91. O-RING, VACUUM CHAMBER
27. AIR VENT SOLENOID VALVE	92. SPACER RING, VACUUM CHAMBER
28. O-RING, AIR VENT SOLENOID VALVE	93. SCREW, JET COVER
29. SCREW, IDLE SHUTOFF SOLENOID	94. JET COVER
30. IDLE SHUTOFF SOLENOID (1 WIRE)	95. GASKET, JET COVER
31. O-RING, IDLE SHUTOFF SOLENOID	96. SCREW, JET COVER
32. SCREWS, VACUUM CHAMBER (2)	97. JET COVER (PLASTIC GUIDE)
33. VACUUM CHAMBER	98. GASKET, JET COVER
34. SPRING, VACUUM PISTON	99. SCREWS, POWER VALVE COVER (3)
35. VACUUM PISTON & NEEDLE ASSY	100. COVER, POWER VALVE
36. SPRING SEAT	101. SPRING, DIAPHRAGM
37. STOPPER, VACUUM PISTON	102. DIAPHRAGM, POWER VALVE
38. O-RING, VACUUM PISTON	103. SCREWS, FUEL BOWL (3)
39. O-RING, VACUUM CHAMBER	104. FUEL BOWL ASSEMBLY
40. SPACER RING, VACUUM CHAMBER	105. O-RING, PUMP PASSAGE
41. SCREW, JET COVER	106. SEAL, FUEL BOWL
42. JET COVER	107. BOOT, PUMP STEM
43. GASKET, JET COVER	108. SCREWS, COVER (3)
44. SCREW, JET COVER	109. COVER, PUMP DIAPHRAGM
45. JET COVER (PLASTIC GUIDE)	110. SPRING, PUMP DIAPHRAGM
46. GASKET, JET COVER	111. DIAPHRAGM, PUMP
47. SCREWS, COVER (3)	112. STEM, PUMP
48. COVER, POWER VALVE	113. PIN, FLOAT
49. SPRING, DIAPHRAGM	114. FLOAT
50. DIAPHRAGM, POWER VALVE	115. NEEDLE AND SEAT ASSEMBLY
51. SCREWS, FUEL BOWL (3)	116. SCREEN, NEEDLE AND SEAT
52. FUEL BOWL ASSEMBLY	117. BAFFLE
53. O-RING, PUMP PASSAGE	118. PRIMARY MAIN JET
54. SEAL, FUEL BOWL	119. O-RING, PRIMARY MAIN JET
55. PIN, FLOAT	120. PRIMARY SLOW JET
56. FLOAT	121. POWER VALVE ASSEMBLY
57. NEEDLE AND SEAT ASSEMBLY	122. TUBE, POWER VALVE
58. SCREEN, NEEDLE AND SEAT	123. SECONDARY MAIN JET & HOLDER
59. BAFFLE	124. NEEDLE JET
60. PRIMARY MAIN JET	125. PLUG, IDLE ADJUSTMENT NEEDLE
61. O-RING, PRIMARY MAIN JET	126. IDLE ADJUSTMENT NEEDLE
62. PRIMARY SLOW JET	127. SPRING, IDLE ADJUST. NEEDLE
63. POWER VALVE ASSEMBLY	128. WASHER, IDLE ADJUST. NEEDLE
64. TUBE, POWER VALVE	129. O-RING, IDLE ADJUST. NEEDLE
65. SEC. MAIN JET & HOLDER	130. LEFT CARB. BODY ASSEMBLY

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. CARBURETOR COMPONENTS ARE MACHINED TO EXACTING SPECIFICATIONS AND MUST NOT BE TREATED ROUGHLY. CAUTION: AFTER RIGHT AND LEFT CARBURETORS HAVE BEEN SEPARATED, DO ONE AT A TIME OR KEEP PARTS SEPARATED. NOTE SPECIAL INSTRUCTIONS.

SPECIAL DISASSEMBLY INSTRUCTIONS

DURING DISASSEMBLY OF CARBURETOR, CAREFULLY NOTE WHERE LONGER SCREWS ARE USED. ALL POP RIVETS MUST BE DRILLED OUT FOR REMOVAL. TURN IDLE ADJUSTMENT SCREWS IN UNTIL LIGHTLY SEATED, AND RECORD NUMBER OF TURNS. DISASSEMBLY OF THROTTLE SHAFT IS NOT RECOMMENDED UNLESS REPLACEMENT IS REQUIRED.

CLEANING

CLEANING MUST BE DONE WITH UNITS DISASSEMBLED. DO NOT IMMERSE ANY COMPONENT CONTAINING PLASTIC, RUBBER, OR ELECTRICAL PARTS IN ANY TYPE OF CLEANING SOLVENT. DAMAGE TO THE COMPONENTS WILL RESULT. CLEAN PASSAGES AND PARTS WITH A SPRAY CARBURETOR CLEANER. BE SURE TO REMOVE ALL CARBON DEPOSITS. WASH OFF WITH SUITABLE SOLVENT AND USE COMPRESSED AIR TO BLOW OUT ALL PASSAGES. DO NOT USE SOLVENT OR CLEANER ON ANY ELECTRICAL PARTS.

REASSEMBLY

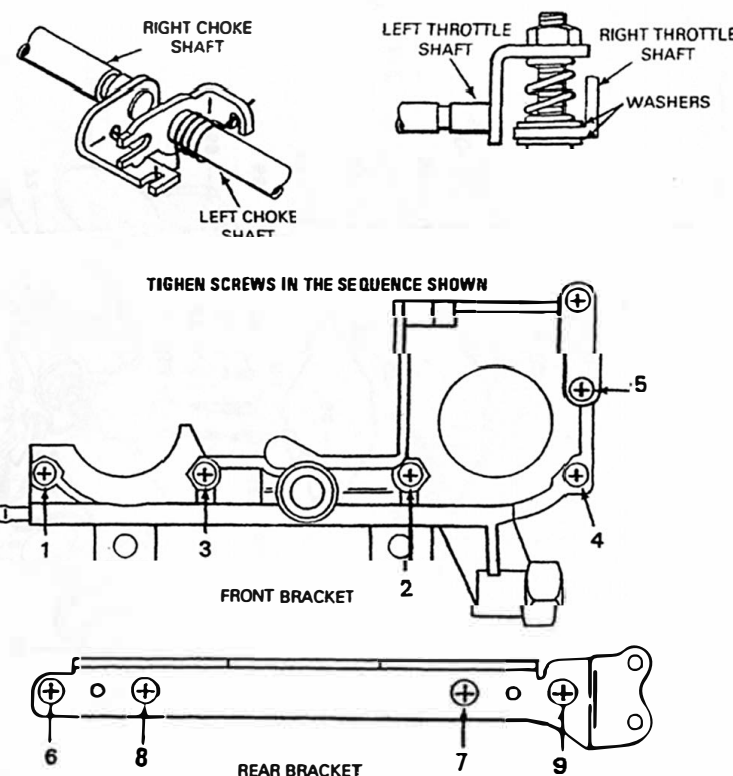
REASSEMBLE IN REVERSE ORDER OF DISASSEMBLY. NOTE ALL OF THE SPECIAL REASSEMBLY INSTRUCTIONS.

SPECIAL REASSEMBLY INSTRUCTIONS

IDLE ADJUSTMENT SCREWS—FIRST ASSEMBLE SPRING, WASHER, & O-RING ON NEEDLE. TURN IN TO LIGHTLY SEAT. BACK OUT NUMBER OF TURNS RECORDED ON DISASSEMBLY. DO NOT INSTALL PLUGS AT THIS TIME (FINAL ADJUSTMENTS MUST BE MADE ON VEHICLE ACCORDING TO MANUFACTURERS SPECIFICATIONS).

ASSEMBLY OF RIGHT AND LEFT CARBURETORS

1. INSTALL FUEL VAPOR PIPE WITH NEW O-RINGS IN LEFT CARBURETOR.
2. INSERT THE RIGHT CARBURETOR THROTTLE SHAFT END (FORKED) BETWEEN THE WASHERS ON THE LEFT CARBURETOR THROTTLE SHAFT END, ALSO LINING UP CHOKE SHAFTS PROPERLY, INSERTING FUEL VAPOR PIPE INTO RIGHT CARBURETOR. (SEE ILLUSTRATIONS)
3. INSTALL THE REAR BRACKET (DO NOT TIGHTEN SCREWS YET).
4. INSTALL THE FRONT BRACKET WITH GUIDE BUSHINGS AND NEW SEALS IN PLACE (DO NOT TIGHTEN SCREWS YET). BE SURE TO USE PROPER LENGTH SCREWS. CHECK THAT CHOKE AND THROTTLE SHAFTS ARE ALIGNED AND MOVE SMOOTHLY.
5. TIGHTEN ALL BRACKET SCREWS AS SHOWN IN DIAGRAMS.



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

