

INSTRUCTIONS

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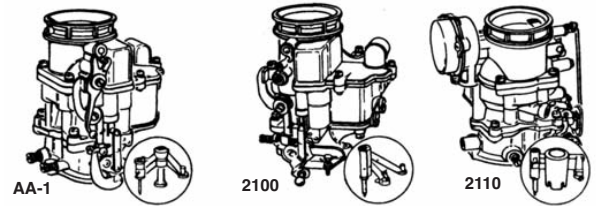
SPEEDWAY

motors®

Holley Rebuild Kit AA-1, 2100, 2110 910-11596

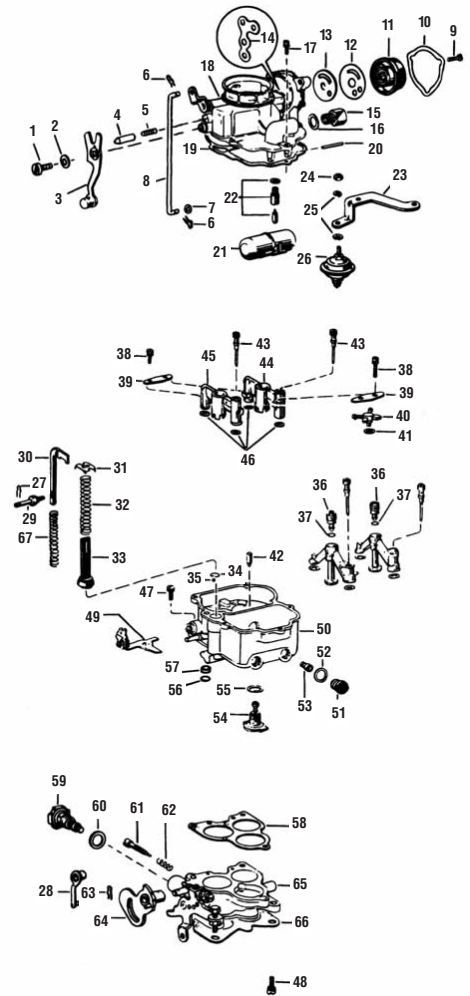
DESCRIPTION

- | | |
|--------------------------------------|---|
| 1. Screw – choke lever | 35. Ball – inlet check |
| 2. Washer – screw choke lever | 36. Nozzle air bleed plug |
| 3. Lever choke | 37. Gasket (2) – nozzle air bleed plug |
| 4. Plunger – choke level | 38. Screw (4) – nozzle bar clamp |
| 5. Spring – choke level plunger | 39. Nozzle bar clamp (2) |
| 6. Retainer (2) – fast idle rod | 40. Pump discharge nozzle |
| 7. Washer | 41. Gasket – pump nozzle |
| 8. Rod – fast idle | 42. Needle pump discharge |
| 9. Screw (3) – stat cover retainer | 43. Needle tube (2) |
| 10. Retainer – stat cover | 44. Nozzle bar RH |
| 11. Stat cover | 45. Nozzle bar LH |
| 12. Gasket – stat cover | 46. Gasket (4) – nozzle bar |
| 13. Plate – choke baffle | 47. Screw and lock washer T/B to bowl (2) |
| 14. Gasket – choke housing | 48. Screw and lock washer T/B to bowl (1) |
| 15. Fitting – fuel inlet | 49. Bracket – choke control |
| 16. Gasket – fuel inlet fitting | 50. Bowl assembly – float |
| 17. Screw (5) – bowl cover | 51. Plug (2) – main jet |
| 18. Bowl cover assembly | 52. Gasket (2) – main jet plug |
| 19. Gasket – bowl cover | 53. Jet (2) – main |
| 20. Pin – float hinge | 54. Economizer valve assembly |
| 21. Float and level assembly | 55. Gasket – economizer valve |
| 22. Needle, seat and gasket assembly | 56. Retainer – pump rod felt |
| 23. Bracket – dashpot | 57. Felt – pump rod |
| 24. Nut dash dashpot | 58. Gasket – body flange |
| 25. Lock washer (2) – dashpot | 59. Spark valve |
| 26. Dashpot assembly | 60. Gasket – spark valve |
| 27. Retainer – pump link | 61. Needle (2) – idle adj. |
| 28. Link – pump | 62. Spring (2) – idle adj. needle |
| 29. Stud – pump link | 63. Retainer – fast idle cam |
| 30. Rod – pump operating | 64. Cam – fast idle |
| 31. Retainer – pump spring | 65. Throttle body assembly |
| 32. Spring – pump | 66. Gasket – flange |
| 33. Pump plunger | 67. Spring – pump return |
| 34. Retainer – inlet check ball | |



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 be followed to disassemble unit far enough to permit cleaning and inspection.

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 hard carbon deposits. Wash off in suitable solvent. Blow out all passages in castings with compressed air and check carefully to ensure thorough cleaning of obscure areas.

CAUTION: Do not soak any parts containing rubber, leather or plastic in cleaning solvent.

REASSEMBLY

Reassemble in reverse order of disassembly. Note special instructions and follow numerical outline in making adjustments. See other side.

SPECIAL INSTRUCTIONS

When installing idle mixture adjusting needles (61), lightly bottom then back out 1 1/2 turns. Economizer valve (54). Use care when tightening.

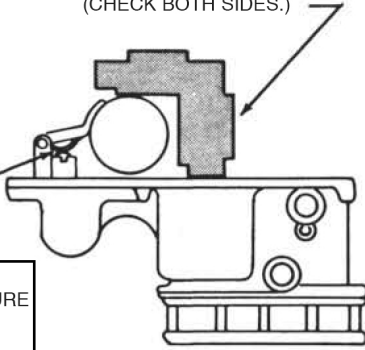
ADJUSTMENT LAYER

MODELS AA-1, 2100
 FLOAT SETTING $1\frac{1}{32}$ "
 FLOAT SETTING $1\frac{15}{32}$ "
 MODEL 2110 I.H.C. TRUCK
 FLOAT SETTING $1\frac{5}{16}$ "

① MEASURE FROM MACHINED SURFACE OF BOWL COVER TO TOP OF FLOAT. (CHECK BOTH SIDES.)

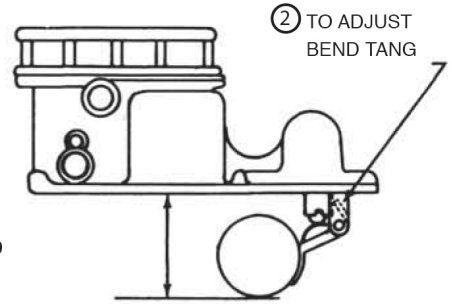
② TO ADJUST BEND TANG

CAUTION!
 DO NOT EXERT PRESSURE ON RESILIENT NEEDLE VALVE



FLOAT LEVEL ADJUSTMENT

Fig. 1



MODELS AA-1, 2100
 FLOAT DROP $1\frac{7}{16}$ "

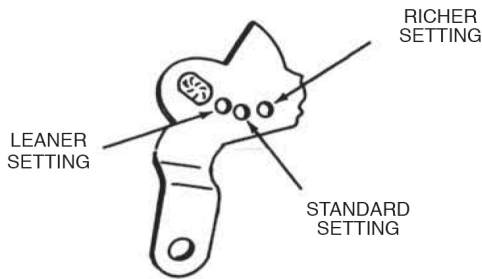
MODEL 2110
 FLOAT DROP $1\frac{3}{4}$ "

① WITH FLOAT HANGING FREELY, MEASURE FROM MACHINED SURFACE OF BOWL COVER TO BOTTOM OF FLOAT

② TO ADJUST BEND TANG

FLOAT LEVEL ADJUSTMENT

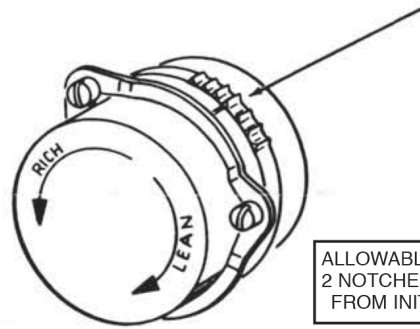
Fig. 2



PUMP LINK SETTING

Fig. 3

ROTATE STAT COVER AGAINST SPRING TENSION. SET MARK ON COVER TO CENTER MARK ON HOUSING.

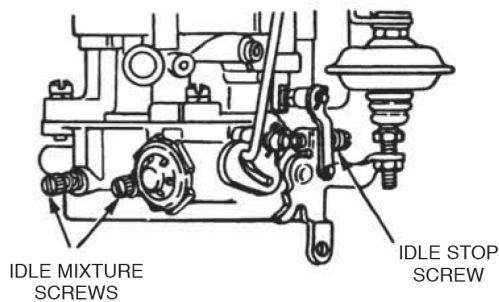


ALLOWABLE VARIATIONS
 2 NOTCHES EITHER WAY
 FROM INITIAL SETTING

AUTOMATIC CHOKE SETTING

Fig. 4

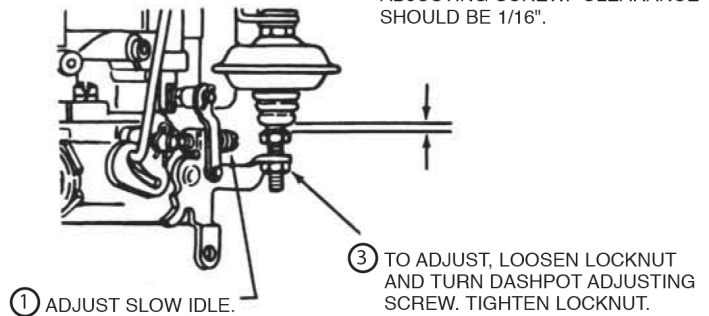
ENGINE AT OPERATING TEMP.
 CHOKE FULLY OPEN. ADJUST
 IDLE MIXTURE SCREWS FOR A
 SMOOTH IDLE AND ADJUST IDLE
 STOP SCREW FOR 450 TO 500
 R.M.P.



IDLE ADJUSTMENT

Fig. 5

② DEPRESS PLUNGER STEM AND MEASURE DISTANCE BETWEEN END OF STEM AND DASHPOT ADJUSTING SCREW. CLEARANCE SHOULD BE $1/16$ ".



① ADJUST SLOW IDLE.

③ TO ADJUST, LOOSEN LOCKNUT AND TURN DASHPOT ADJUSTING SCREW. TIGHTEN LOCKNUT.

DASHPOT ADJUSTMENT

Fig. 6

IMPORTANT

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SHORTAGES Please check the contents of your delivery to ensure that all parts ordered are received. Refer to your invoice to cross check all items received and inspect all packing materials for contents of small items. Retain original shipping box and packing materials. Orders may be split into multiple boxes which can be delivered on different days. Contact Speedway Motors for instructions regarding shortage claim within 5 days of receipt. Speedway Motors assumes no liability after this 5 day period.

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WARRANTY CLAIMS If the item is used or installed and a warranty claim request is submitted, warranty work is done by the manufacturer and may take up to 30 days for processing. Speedway Motors will be required to follow the manufacturer's warranty instructions to allow for a credit refund or exchange when specified.

RETURNS We want you to be satisfied with your purchase. If you are not satisfied, you may return your new, unused item within 60 days for refund or exchange.

All exchanged or returned merchandise must be in original factory condition with no modifications or alterations. Returned merchandise must include original packaging materials, warranty cards, manuals, instructions, etc. If the returned item requires repackaging, your refund / exchange will be subject to a repackaging charge. Return/Exchange transactions less than \$99 are excluded from the free shipping offer.

HOW TO RETURN AN ITEM Please re-pack the item in a sturdy box, include a copy of your invoice and completed return form. Returns must be shipped prepaid. CODs are not accepted. Shipping costs for exchanged merchandise will be charged to your credit card.

Items that are returned after 60 days are subject to a 15% restocking charges. Fiberglass items returned will be subject to a 15% restocking charge. We are unable to accept returns on electrical parts, video tapes, DVD's, books, special order or closeout merchandise.

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