



General Instructions

- Take lots of pictures as you take your carburetor apart. This will give you a reference of where things go.
- Using a cookie sheet with folded up sides will help keep parts from falling on the floor.
- We suggest not removing the throttle shaft, valves, or choke shaft unless they are corroded, or very dirty. These parts can be easily damaged and are difficult to re-assemble.
- Instruction sheets that come with our carburetor kits are somewhat generic. It may not match your parts exactly.
- Do NOT use WD-40 around your carburetor. It reacts with ethanol.
- Using Silicon Spray Lubricant on the gaskets will help with sticking in case you need to take the carburetor apart again.
- Be careful after taking the top of the carburetor off. Turning the carburetor upside down may cause parts to fall out and you won't know where they were.
- Screws and jets that are frozen can often be removed after heating outside the screw or jet.
- Stuck check balls can be removed by heating the outside of where the check ball resides and tapping the carburetor on the work bench.
- Do not discard any parts until complete done. You may have to refer for size, or matching.

Cleaning:

- Clean with carburetor dis-assembled.
- Soak all parts except rubber & electrical in Simple Green for 2 hours. Aluminum parts will get discolored if left longer.
- Wash parts with hot water if available to remove all chemicals.
- Blow out each passage way taking special notice of the smaller ones. Test each passage that air goes through the entire passage.
- Blow out the idle mixture hole.

- Check any hole above the idle mixture hole (inside the bore). This is the idle discharge and often becomes plugged.
- A tooth brush can facilitate cleaning parts.
- Soda blasting, then washing again will make the carburetor look good any will clean any minor deposits.
- Any corrosion, or deposits that are hard to remove may indicate the passages are also corroded and the carburetor should be replaced.
- If your engine has been sitting for 6 months or more, the gas has probably turned, and the gas tank will need to be cleaned as well as the fuel lines. Flushing new gas through the tank will not be enough.

Assembly:

- Do NOT apply any gasket sealant on any of the gaskets. Gas will break sealant part and the particles will clog the small passages.
- Test your float.
 - Brass floats should be immersed into hot water. As the air inside expands any leak will be noticeable with air bubbles.
 - Plastic, or Nitrophyl floats should be weighed. The weight is in grams. Check our technical pages for any weight specification that we may have.
- Most gaskets will fit as expected, but you may have to trim some, especially under the venturis.
- Your kit may include multiple gaskets in order to get better coverage out of the kit. Use the one that fits the best. Look for any opening the gasket may leave allowing air into the carburetor. Some holes may be casting holes that don't lead to anything and do not have to be covered.
- Mounting gaskets for multiple bore carburetors do not have to have matching holes. Example a four-barrel gasket can be open in the middle instead of 4 holes as long as the carburetor has some kind of passage between bores. The passage is between primary, or secondary, not both.
- When adjusting the float be careful not to put any pressure on the needle. The viton tip is easily damaged.
- Most idle mixture screws can be cleaned using a soft wire wheel. Inspect for any scoring, which would indicate over tightening. Screw with scoring should be replaced.

Accelerator Pumps:

- On leather cups run your finger around the inside of the cup to break any manufacturer sealant.
- Apply 2 drops of oil to cups (leather, or rubber) before inserting into carburetor. Do not soak the cup in oil. The swelling of the cup needs to happen inside the carburetor. Allow the 2 drops of oil and the gas to do its job naturally.
- Twist the pump as you are inserting to help keep the cup from curling or folding over.
- Test your accelerator pump circuit before putting the top of the carburetor back on. Our technical pages have instructions on how to do this for most carburetor types.
- Pump wells are usually slight tapered, and the pump will not seal until it gets towards the bottom.

INSTRUCTION SHEET

HITACHI CARBURETOR- MODEL DRJ 340

LUV TRUCK SERIES 1,2,3,

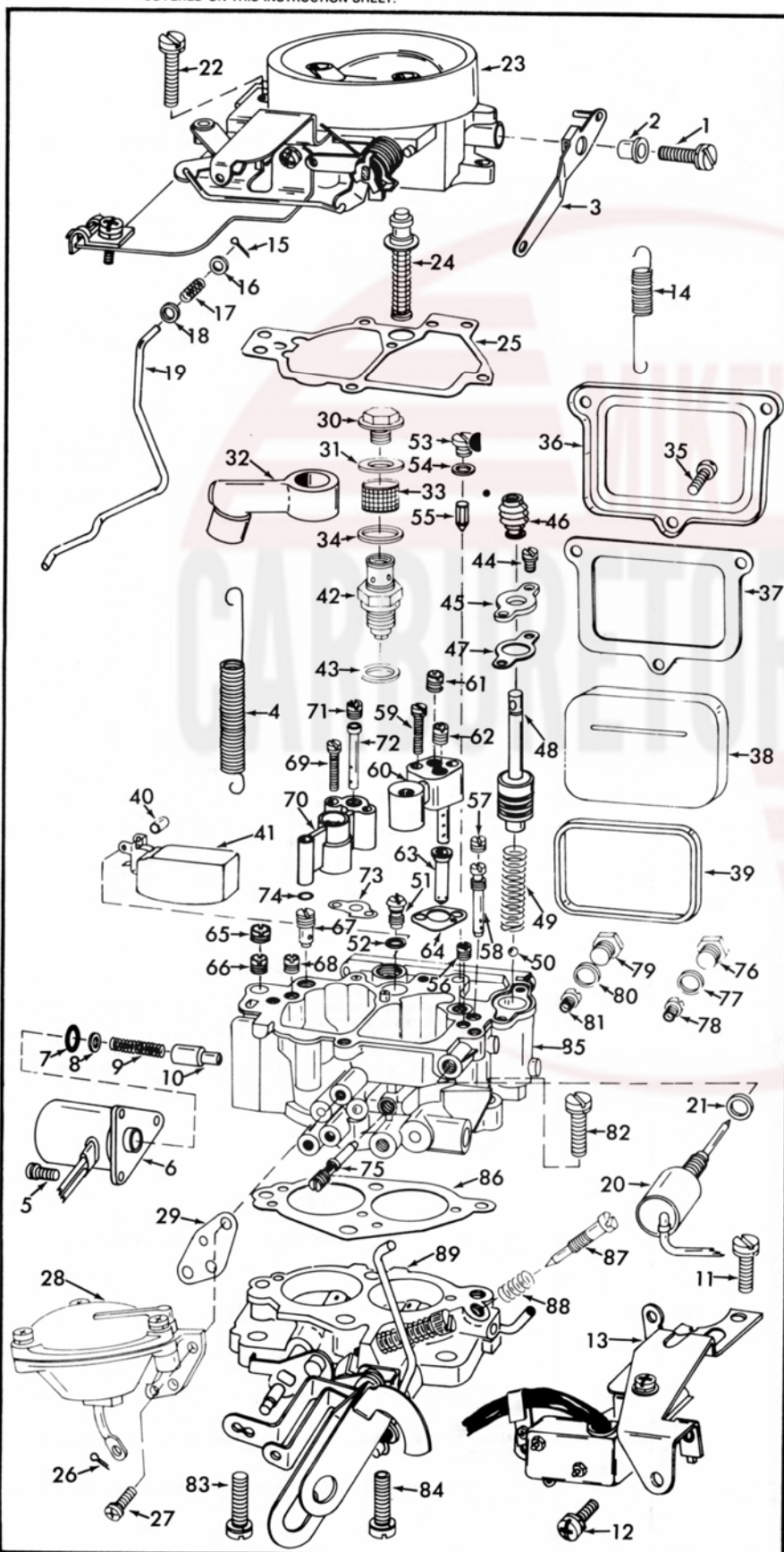
50-436-2

DISASSEMBLY

USE EXPLODED VIEW AS A GUIDE. THE NUMERICAL SEQUENCE MAY GENERALLY BE FOLLOWED TO DISASSEMBLE UNIT FAR ENOUGH TO PERMIT CLEANING AND INSPECTION. BEING CAREFUL WITH THE COASTING VALVE SOLENOID (6), THROTTLE SWITCH & BRACKET (13), ANTI DIESELING SOLENOID (20). AS THE LOOM IS NOT MADE TO SEPARATE WILL STAY TOGETHER AS A UNIT. REMOVE STAKING FROM AIR HORN FOR EASY REMOVAL OF POWER PISTON ASSY. **BE CAREFUL TO NOTE SIZES OF ALL JETS AND THEIR LOCATION FOR PROPER ASSEMBLY. RECORD SIZES BELOW.**

GENERAL EXPLODED VIEW

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



NOMENCLATURE

REF. NO.	REF. NO.
1. SCREW & LOCKWASHER - PUMP LEVER	45. PLATE - PUMP
2. SLEEVE - PUMP LEVER	46. BOOT - PUMP
3. LEVER - PUMP	47. GASKET - PUMP PLATE
4. SPRING - THROTTLE RETURN	48. PUMP ASSY.
5. SCREW & LOCKWASHER (3) - SOLENOID	49. SPRING - PUMP RETURN
6. SOLENOID - COASTING VALVE	50. BALL (NYLON) - PUMP INTAKE CHECK
7. O-RING - SOLENOID	51. POWER VALVE ASSY.
8. WASHER - SHIM	52. GASKET - POWER VALVE
9. SPRING - VALVE	53. PLUG - PUMP DISC. NEEDLE
10. VALVE - COASTING	54. GASKET - PLUG
11. SCREW & LOCKWASHER - SWITCH BRACKET	55. NEEDLE - PUMP DISC.
12. SCREW & LOCKWASHER - SWITCH BRACKET	56. JET - PRI. SLOW AIR BLEED
13. THROTTLE SWITCH AND BRACKET ASSY.	57. PLUG - PRI. SLOW JET
14. SPRING - SEC. THROTTLE RETURN	58. JET - PRI. SLOW
15. COTTER PIN - FAST IDLE ROD	59. SCREW & WASHERS (2) - PRI. VENTURI
16. WASHER - FAST IDLE ROD	60. PRI. VENTURI ASSY.
17. SPRING - FAST IDLE ROD	61. JET - PRI. MAIN AIR BLEED
18. WASHER - FAST IDLE ROD	62. JET - ACCELERATOR AIR BLEED
19. ROD - FAST IDLE	63. TUBE - PRI. EMULSION
20. SOLENOID - ANTI DIESELING	64. GASKET - PRI. VENTURI
21. GASKET - SOLENOID	65. JET - COASTING AIR BLEED
22. SCREW & LOCKWASHER (3) - AIR HORN	66. JET - COASTING
23. AIR HORN ASSY.	67. JET - SEC. SLOW
24. POWER PISTON ASSY.	68. JET - SEC. SLOW AIR BLEED
25. GASKET - AIR HORN	69. SCREW & WASHERS (3) - SEC. VENTURI
26. COTTER PIN - SEC. DIAPHRAGM LINK	70. SEC. VENTURI ASSY.
27. SCREW & LOCKWASHER (3) - SEC. DIAPHRAGM	71. JET - SEC. MAIN AIR BLEED
28. SEC. DIAPHRAGM ASSY.	72. TUBE - SEC. EMULSION
29. GASKET - SEC. DIAPHRAGM ASSY.	73. GASKET - SEC. VENTURI
30. BOLT - FUEL INLET NIPPLE	74. GASKET - SEC. VENTURI
31. GASKET - NIPPLE	75. JET - VACUUM
32. NIPPLE - FUEL INLET	76. PLUG - PRI. MAIN JET
33. SCREEN - FUEL INLET	77. GASKET - PLUG
34. GASKET - NIPPLE	78. JET - PRI. MAIN
35. SCREW (3) - LEVEL GAUGE COVER	79. PLUG - SEC. MAIN JET
36. COVER - LEVEL GAUGE	80. GASKET - PLUG
37. GASKET - LEVEL GAUGE COVER	81. JET - SEC. MAIN
38. GAUGE - LEVEL	82. SCREW & LOCKWASHER - THROTTLE BODY
39. SEAL - LEVEL GAUGE	83. SCREW & LOCKWASHER (2) - THROTTLE BODY
40. COLLAR - FLOAT	84. SCREW & LOCKWASHER (1) - THROTTLE BODY (HOLLOW)
41. FLOAT & LEVER ASSY.	85. BOWL ASSY.
42. NEEDLE & SEAT ASSY.	86. GASKET - THROTTLE BODY
43. GASKET (SERVICE) - NEEDLE & SEAT	87. NEEDLE - IDLE ADJ.
44. SCREW & LOCKWASHER (2) - PUMP PLATE	88. SPRING - IDLE NEEDLE
	89. THROTTLE BODY ASSY.

CLEANING

CLEANING MUST BE DONE WITH CARBURETOR DISASSEMBLED. SOAK PARTS LONG ENOUGH TO SOFTEN AND REMOVE ALL FOREIGN MATERIAL. USE A CARBURETOR CLEANING SOLVENT. 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 PARTS, SOLENOIDS, DIAPHRAGM UNITS OR FLOAT IN ANY TYPE OF SOLVENTS.

REASSEMBLY

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

SPECIAL INSTRUCTIONS

IDLE ADJUSTING NEEDLE (87) - TURN NEEDLE IN UNTIL LIGHTLY SEATED THEN BACK OUT 3 1/2 TURNS.

PUMP RETURN SPRING (49) - INSTALL WITH CROSS WIRE IN SLOT AT BOTTOM OF PUMP CYLINDER.

NEEDLE & SEAT (42) - INSTALL GASKET (43) ON SERVICE NEEDLE & SEAT.

LEVEL GAUGE COVER SCREWS (35) - TIGHTEN SCREWS DOWN EVENLY DON'T OVERTIGHTEN.

POWER PISTON (24) - AFTER INSTALLATION LIGHTLY RESTAKE CASTING AROUND WASHER.

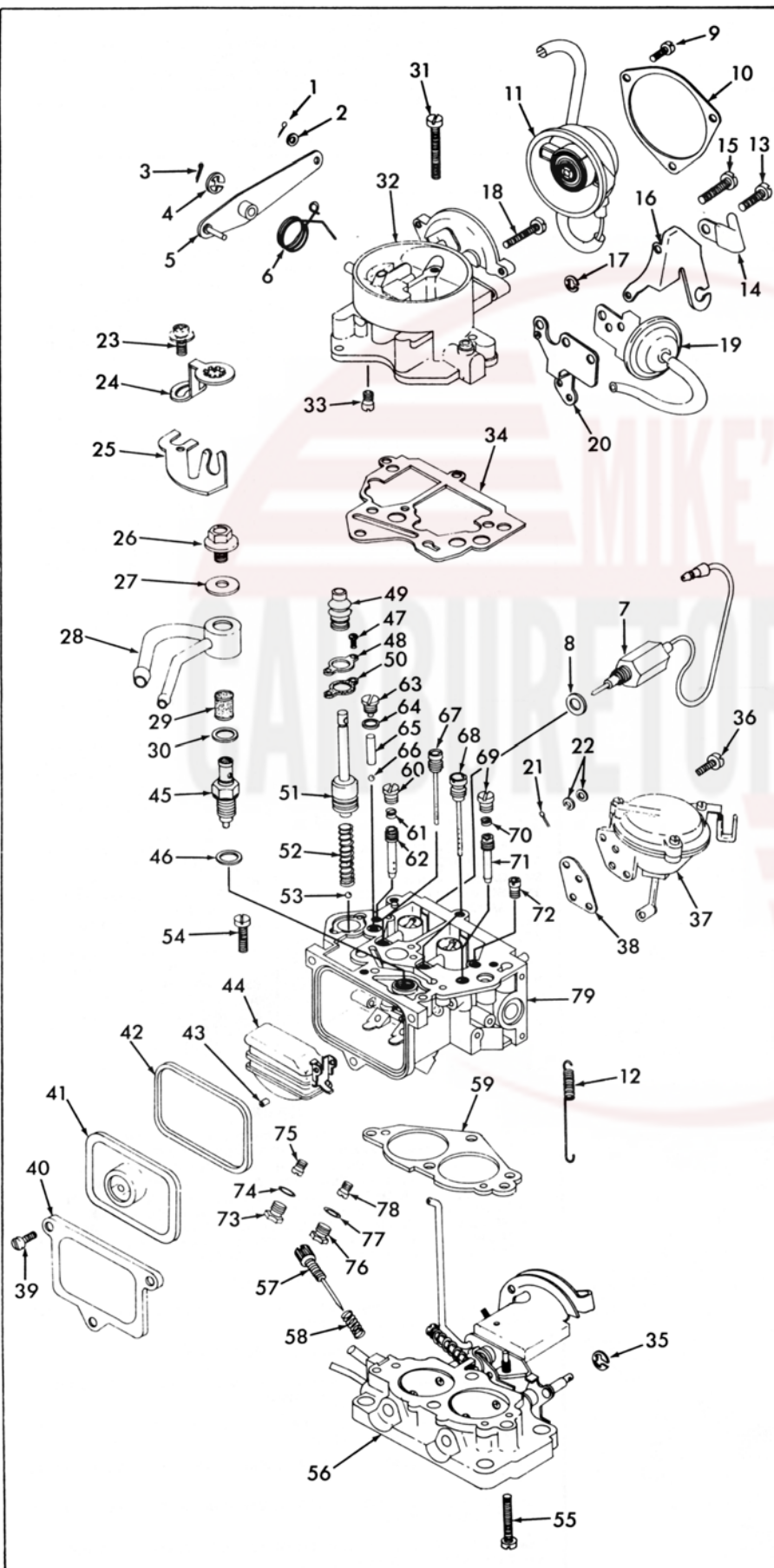
INSTRUCTION SHEET

HITACHI CARBURETOR- TYPE DCH 340

LUV TRUCK SERIES 9

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. CAUTION: BE CAREFUL TO NOTE SIZES OF ALL JETS AND THEIR LOCATION FOR PROPER ASSEMBLY. RECORD SIZES BELOW.

NOMENCLATURE

REF. NO.	REF. NO.
1. COTTER PIN- PUMP ROD	39. SCREW (3)- COVER
2. WASHER- PUMP ROD	40. COVER- LEVEL GAUGE
3. COTTER PIN- PUMP LEVER PIN	41. GAUGE- LEVEL
4. RETAINER- PUMP LEVER	42. SEAL- LEVEL GAUGE
5. LEVER- PUMP	43. COLLAR- FLOAT
6. SPRING- PUMP LEVER	44. FLOAT & LEVEL ASSY.
7. SOLENOID ASSY.- ANTI DIESELING	45. NEEDLE & SEAT ASSY.
8. GASKET- SOLENOID	46. GASKET (SERVICE)- NEEDLE SEAT
9. SCREW (3)- RETAINER	47. SCREW & LOCKWASHER (2)- PUMP PLATE
10. RETAINER- CHOKE COVER	48. PLATE- PUMP
11. CHOKE COVER ASSY.- ELECTRIC	49. BOOT- PUMP
12. SPRING- SEC. THROTTLE RETURN LEVER	50. GASKET- PUMP PLATE
13. SCREW & LOCKWASHER- CLAMP & BRACKET	51. PUMP ASSEMBLY
14. CLAMP- WIRE	52. SPRING- PUMP RETURN
15. SCREW & LOCKWASHER- BRACKET	53. BALL (METAL)- PUMP INTAKE CHECK
16. BRACKET- CABLE	54. SCREW & LOCKWASHER- THROTTLE BODY
17. RETAINER- VACUUM BREAK LINK	55. SCREW & LOCKWASHER (3)- THROTTLE BODY
18. SCREW & LOCKWASHER- CHOKE HOUSING	56. THROTTLE BODY ASSY.
19. VACUUM BREAK & HOSE ASSY.	57. NEEDLE- IDLE ADJUSTING
20. BRACKET- SEC. RETURN SPRING	58. SPRING- IDLE ADJ. NEEDLE
21. COTTER PIN- FAST IDLE ROD	59. GASKET- THROTTLE BODY
22. WASHER (2)- FAST IDLE ROD	60. PLUG- PRI. SLOW JET
23. SCREW, LOCK & FLAT WASHER- CLAMP	61. SPRING- PRI. SLOW JET
24. LOCK- BANJO BOLT	62. JET- PRI SLOW
25. BRACKET- BANJO	63. PLUG- PUMP DISC. BALL
26. BOLT- BANJO	64. GASKET- PLUG
27. WASHER- BANJO BOLT (UPPER)	65. WEIGHT- PUMP DISC. BALL
28. BANJO- FUEL INLET	66. BALL- PUMP DISC. (METAL)
29. SCREEN- FUEL INLET	67. JET- PRI. MAIN AIR BLEED
30. WASHER- BANJO (LOWER)	68. JET- SEC. MAIN AIR BLEED
31. SCREW & LOCKWASHER (3)- AIR HORN	69. PLUG- SEC. SLOW JET
32. AIR HORN ASSEMBLY	70. SPRING- SEC. SLOW JET
33. JET- PRI. SLOW AIR BLEED	71. JET- SEC. SLOW
34. GASKET- AIR HORN	72. JET- AIR BLEED
35. RETAINER- SEC. DIAPH. LINK	73. PLUG- PRI. MAIN JET
36. DIAPHRAGM ASSEMBLY	74. GASKET- PLUG
37. SEC. DIAPHRAGM ASSY.	75. JET- PRI. MAIN
38. GASKET- SEC. DIAPH. ASSY	76. PLUG- SEC. MAIN JET
	77. GASKET- PLUG
	78. JET- SEC. MAIN
	79. BOWL ASSEMBLY

CLEANING

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REASSEMBLY

REASSEMBLE IN REVERSE ORDER OF DISASSEMBLY NOTE SPECIAL INSTRUCTIONS AND ADJUSTMENTS

SPECIAL INSTRUCTIONS

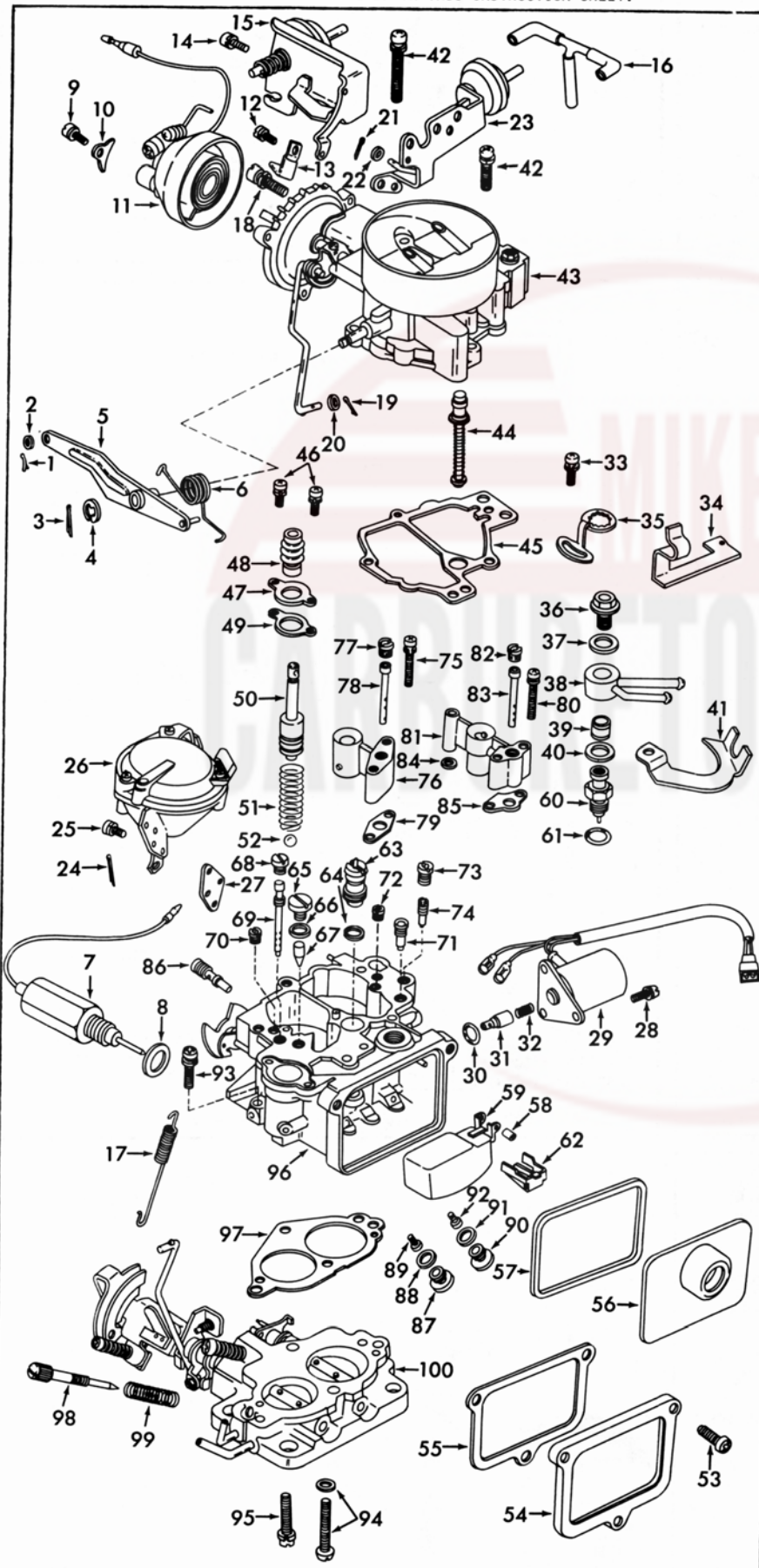
IDLE ADJUSTING NEEDLE (57)- TURN NEEDLE IN UNTIL LIGHTLY SEATED THEN BACK OUT 2 TO 3 TURNS

NEEDLE & SEAT (45)- INSTALL GASKET (46)- ON SERVICE NEEDLE AND SEAT BEFORE INSTALLING.

LEVEL GAUGE COVER SCREWS (39)- TIGHTEN SCREWS DOWN EVENLY (DO NOT OVER TIGHTEN)

LUV TRUCK SERIES 4,5,6,8

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



USE EXPLODED VIEW AS A GUIDE. THE NUMERICAL SEQUENCE MAY GENERALLY BE FOLLOWED TO DISASSEMBLE UNIT FAR ENOUGH TO PERMIT CLEANING AND INSPECTION. REMOVE STAKING FROM AIR HORN FOR EASY REMOVAL OF POWER PISTON ASSY. (44). BE CAREFUL TO NOTE SIZES OF ALL JETS AND THEIR LOCATION FOR PROPER ASSEMBLY. RECORD SIZES BELOW.

REF. NO.	REF. NO.
1. COTTER PIN-PUMP ROD	50. PUMP ASSY.
2. WASHER-PUMP ROD	51. SPRING-PUMP RETURN
3. COTTER PIN-PUMP LEVER PIN	52. BALL(NYLON)-PUMP INTAKE
4. RETAINER-PUMP LEVER	CHECK
5. LEVER-PUMP	53. SCREW(3)-COVER
6. SPRING-PUMP LEVER	54. COVER-LEVEL GAUGE
7. SOLENOID ASSY.-ANTI-DIESELING	55. GASKET-COVER
8. GASKET-SOLENOID	56. GAUGE-LEVEL
9. SCREW(3)-RETAINER	57. SEAL-LEVEL GAUGE
10. RETAINER(3)-CHOKE COVER	58. COLLAR-FLOAT
11. ELECTRIC CHOKE COVER ASSY.	59. FLOAT & LEVER ASSY.
12. SCREW & LOCKWASHER-CLAMP & BRACKET	60. NEEDLE & SEAT ASSY.
13. CLAMP-WIRE	61. GASKET(SERVICE)-NEEDLE SEAT
14. SCREW & LOCKWASHER-BRACKET	62. CLIP-FUEL SHIELD
15. VACUUM BREAK ASSY.-AUXILIARY	63. POWER VALVE
16. HOSE ASSY.-VACUUM BREAK UNITS	64. GASKET-POWER VALVE
17. SPRING-SEC. THROTTLE RETURN LEVER	65. PLUG-PUMP DISC. NEEDLE
18. SCREW & LOCKWASHER-CHOKE HOUSING	66. GASKET-PLUG
19. COTTER PIN-FAST IDLE ROD	67. NEEDLE-PUMP DISC.
20. WASHER(2)-FAST IDLE ROD	68. PLUG-PRI. SLOW JET
21. COTTER PIN-VACUUM BREAK DIAPHRAGM LINK	69. JET-PRI. SLOW
22. WASHER(2)-VACUUM BREAK DIAPHRAGM LINK	70. JET-PRI. SLOW AIR BLEED
23. VACUUM BREAK ASSY.-MAIN	71. JET-SEC. SLOW
24. COTTER PIN-SEC. DIAPHRAGM ASSY. LINK	72. JET-SEC. SLOW AIR BLEED
25. SCREW & LOCKWASHER(3)-SEC. DIAPHRAGM ASSY.	73. JET-DECELERATION AIR BLEED
26. SECONDARY DIAPHRAGM ASSY.	74. JET-DECELERATION
27. GASKET-SEC. DIAPHRAGM ASSY.	75. SCREW & LOCKWASHER(2)-PRI. VENTURI
28. SCREW & LOCKWASHER(3)-SOLENOID	76. PRI. VENTURI ASSY.
29. SOLENOID ASSY.--COASTING VALVE	77. JET-PRI. AIR BLEED
30. O-RING-SOLENOID	78. TUBE-PRI. EMULSION (SOLID END)
31. VALVE-COASTING	79. GASKET-PRI. VENTURI
32. SPRING-COASTING VALVE	80. SCREW & WASHERS(3)-SEC. VENTURI
33. SCREW & LOCKWASHER-CLAMP	81. SEC. VENTURI ASSY.
34. CLAMP BRACKET	82. JET-SEC. AIR BLEED
35. LOCK-BANJO BOLT	83. TUBE-SEC. EMULSION (OPEN END)
36. BOLT-BANJO	84. GASKET-SEC. VENTURI
37. WASHER-BANJO BOLT(UPPER)	85. GASKET-SEC. VENTURI
38. BANJO-FUEL INLET	86. JET-VACUUM
39. SCREEN-FUEL INLET	87. PLUG-PRI. MAIN JET
40. WASHER-BANJO(LOWER)	88. GASKET-PLUG
41. BRACKET-BANJO	89. JET-PRI. MAIN
42. SCREW & LOCKWASHER(3)-AIR HORN	90. PLUG-SEC. MAIN JET
43. AIR HORN ASSY.	91. GASKET-PLUG
44. POWER PISTON ASSY.	92. JET-SEC. MAIN
45. GASKET-AIR HORN	93. SCREW & LOCKWASHER-THROTTLE BODY
46. SCREW & LOCKWASHER(2)-PUMP PLATE	94. SCREW & LOCKWASHER-THROTTLE BODY(HOLLOW)
47. PLATE-PUMP	95. SCREW & LOCKWASHER(2)-THROTTLE BODY
48. BOOT-PUMP	96. BOWL ASSY.
49. GASKET-PUMP PLATE	97. GASKET-THROTTLE BODY
	98. NEEDLE-IDLE ADJUSTING
	99. SPRING-IDLE ADJ. NEEDLE
	100. THROTTLE BODY ASSY.

CLEANING
CLEANING MUST BE DONE WITH CARBURETOR DISASSEMBLED. SOAK PARTS LONG ENOUGH TO SOFTEN AND REMOVE ALL FOREIGN MATERIAL. USE A CARBURETOR CLEANING SOLVENT. 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 PARTS (16), (48), (56); SOLENOIDS (7), (29); DIAPHRAGM UNITS (15), (23), (26); FLOAT (59); OR ELECTRIC CHOKE COVER ASSY. (11) IN ANY TYPE OF CLEANING SOLVENT.

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

IDLE ADJUSTING NEEDLE (98)-- TURN NEEDLE IN UNTIL LIGHTLY SEATED THEN BACK OUT 2-3 TURNS.

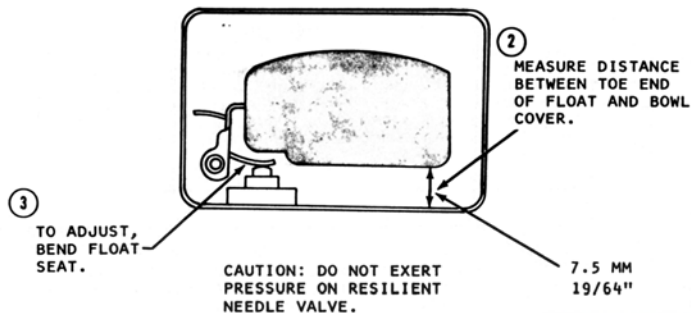
NEEDLE AND SEAT (60)--INSTALL GASKET (61) ON SERVICE
NEEDLE AND SEAT BEFORE INSTALLING.

LEVEL GAUGE COVER SCREWS (53)-- TIGHTEN SCREWS DOWN
EVENLY (DON'T OVERTIGHTEN).

POWER PISTON (44)-- AFTER INSTALLATION LIGHTLY RESTAKE
CASTING AROUND WASHER.

ADJUSTMENTS

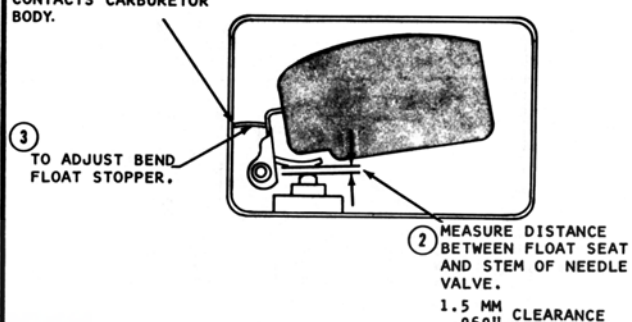
1. FLOAT BOWL INVERTED, RAISE FLOAT AND THEN LOWER IT SLOWLY UNTIL FLOAT SEAT MAKES CONTACT WITH STEM OF NEEDLE VALVE. (DO NOT COMPRESS SPRING LOADED NEEDLE).



DRY FLOAT LEVEL ADJUSTMENT

FIG. 1.

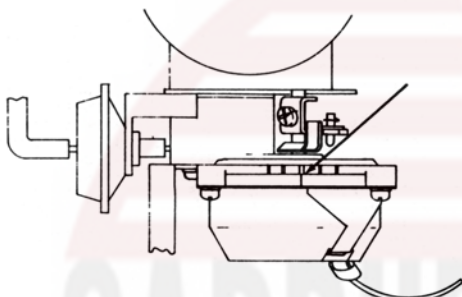
1. FLOAT BOWL INVERTED RAISE FLOAT UNTIL FLOAT STOPPER CONTACTS CARBURETOR BODY.



FLOAT DROP ADJUSTMENT

FIG. 2.

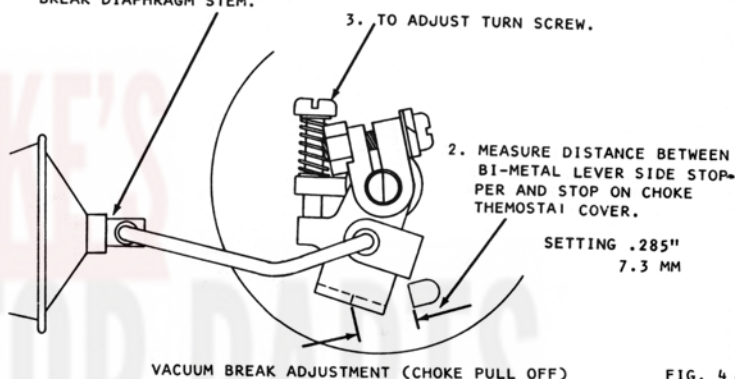
FIT THE END OF THE CHOKE LEVER INTO THE BIMETAL HOOK, THEN ALIGN THE MARK ON THE COVER WITH THE CENTER MARK ON THE HOUSING.



AUTO CHOKE SETTING

FIG. 3.

1. FULLY DEPRESS VACUUM BREAK DIAPHRAGM STEM.

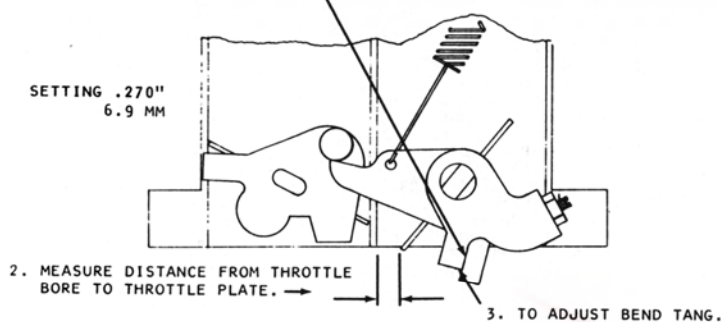


VACUUM BREAK ADJUSTMENT (CHOKE PULL OFF)

FIG. 4

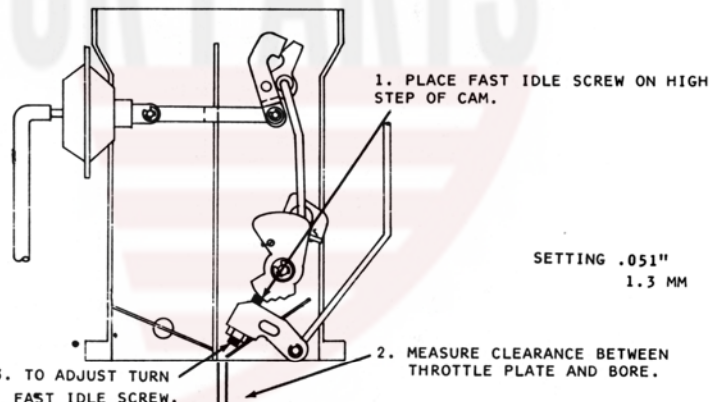
1. OPEN PRIMARY THROTTLE LEVER UNTIL KICK LEVER JUST MAKES CONTACT WITH SECONDARY RETURN LEVER.

SETTING .270"
6.9 MM



SECONDARY THROTTLE START TO OPEN ADJUSTMENT

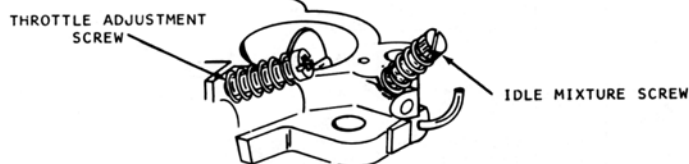
FIG. 5



FAST IDLE ADJUSTMENT (BENCH)

FIG. 6

1. ENGINE AT OPERATING TEMPERATURE, CHOKE FULLY OPEN.
2. SET IGNITION TIMING PER CAR FACTORY SPECIFICATIONS.
3. IDLE MIXTURE NEEDLE, 3 1/2 TURNS FROM SEATED POSITION.
4. USING A TACHOMETER, SET IDLE SPEED TO 700 R.P.M. WITH THROTTLE ADJUSTMENT SCREW.
5. ADJUST IDLE MIXTURE NEEDLE TO OBTAIN THE HIGHEST R.P.M. AT THE SMOOTHEST IDLE.
6. REPEAT STEPS 4 & 5 UNTIL CORRECT ADJUSTMENT IS OBTAINED.
7. THE IDLE ADJUSTMENT SHOULD BE CHECKED AFTER THE FIRST 600 MILES OF OPERATION, AND EVERY 3000 MILES THEREAFTER.



FOR LATE INFORMATION CHECK SERVICE MANUAL OR UNDER HOOD LABEL FOR PROPER R.P.M. SETTINGS.

SLOW IDLE ADJUSTMENT

FIG. 7

INSTRUCTION SHEET

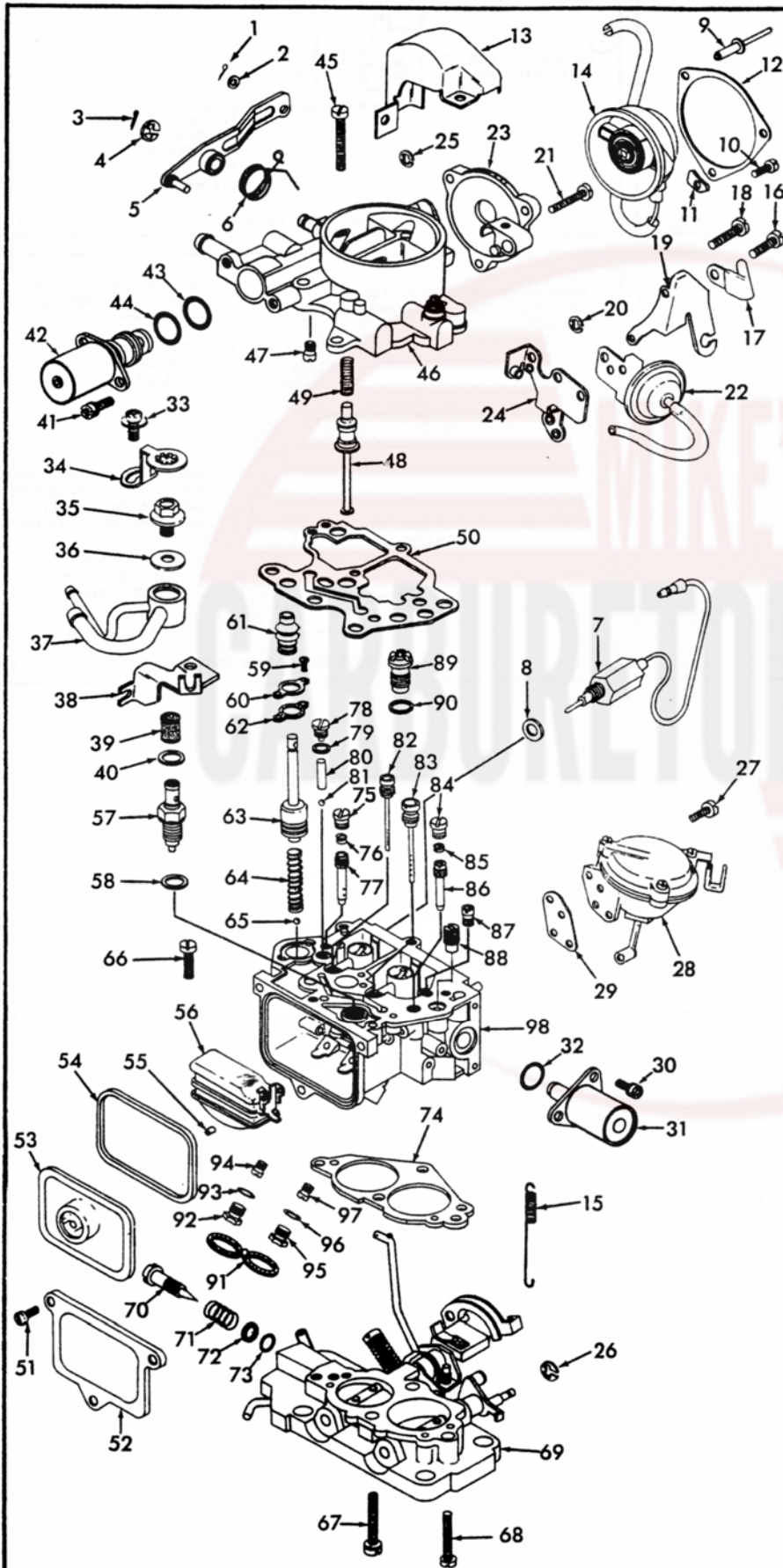
OFF VEHICLE CARBURETOR SERVICE

HITACHI MODEL - DCH 340

50-616-1

LUV-SERIES 11 & "S" SERIES TRUCK

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 GENERAL-
LY BE FOLLOWED TO DISASSEMBLE UNIT FAR ENOUGH TO PERMIT CLEANING AND
INSPECTION. CAUTION: BE CAREFUL TO NOTE SIZES OF ALL JETS AND THEIR
LOCATION FOR PROPER ASSEMBLY. RECORD SIZES BELOW. DRILL POP RIVET
HEADS OFF TO REMOVE COVER (13). KNOCK OUT IDLE MIXTURE NEEDLE PLUG BY
INSERTING PUNCH THRU SLIT IN BASE OF CARBURETOR.

NOMENCLATURE

REF. NO.	REF. NO.
1. COTTER PIN - PUMP ROD	48. POWER PISTON ASSY.
2. WASHER - PUMP ROD	49. SPRING - POWER PISTON
3. COTTER PIN - PUMP LEVER PIN	50. GASKET - AIR HORN
4. RETAINER - PUMP LEVER	51. SCREW 3 - CC /ER
5. LEVER - PUMP	52. COVER - LEVEL GAUGE
6. SPRING - PUMP LEVER	53. GAUGE - LEVEL
7. SOLENOID ASSY. - ANTI DIESELING	54. SEAL - LEVEL GAUGE
8. GASKET - SOLENOID	55. COLLAR - FLCK
9. POP RIVETS (4) - CHOKE COVER	56. FLOAT & LEVER ASSY.
10. SCREW & LOCKWASHER - RETAINER	57. NEEDLE & SEAT ASSY.
11. SPACER - RETAINER	58. GASKET (SERVICE) - NEEDLE SEAT
12. RETAINER - CHOKE COVER	59. SCREW & LOCKWASHER (2) - PUMP PLATE
13. COVER - CHOKE LINKAGE	60. PLATE - PUMP
14. CHOKE COVER ASSY. - ELECTRIC	61. BOOT - PUMP
15. SPRING - SEC. THROTTLE RETURN	62. GASKET - PUMP PLATE
16. SCREW & LOCKWASHER - CLAMP TO BRACKET	63. PUMP ASSEMBLY
17. CLAMP - WIRE	64. SPRING - PUMP RETURN
18. SCREW & LOCKWASHER - BRACKET	65. BALL (METAL) - PUMP INTAKE CHECK
19. BRACKET - CABLE	66. SCREW & LOCKWASHER (1) - THROTTLE BODY
20. RETAINER - VACUUM BREAK LINK	67. SCREW & LOCKWASHER (1) - THROTTLE BODY (HOLLOW)
21. SCREW & LOCKWASHER - CHOKE HOUSING	68. SCREW & LOCKWASHER (2) - THROTTLE BODY
22. VACUUM BREAK & HOSE ASSY.	69. THROTTLE BODY ASSY.
23. HOUSING - CHOKE COVER	70. NEEDLE - IDLE ADJUSTING
24. BRACKET - SEC. RETURN SPRING	71. SPRING - IDLE ADJ. NEEDLE
25. E CLIP - (UPPER) FAST IDLE LINK	72. WASHER - IDLE NEEDLE SEAL
26. RETAINER - SEC. DIAPHRAGM ROD	73. SEAL - IDLE ADJ. NEEDLE
27. SCREW & LOCKWASHER (3) - SEC. DIAPHRAGM ASSY.	74. GASKET - THROTTLE BODY
28. SECONDARY DIAPHRAGM ASSY.	75. PLUG - PRI. SLOW JET
29. GASKET - SEC. DIAPHRAGM ASSY.	76. SPRING - PRI. SLOW JET
30. SCREW & LOCKWASHER (3) - COASTING SOLENOID	77. JET - PRI. SLOW
31. SOLENOID ASSY. - COASTING	78. PLUG - PUMP DISC. BALL
32. O-RING - COASTING SOLENOID ASSY.	79. GASKET - PLUG
33. SCREW & LOCKWASHER - LOCK	80. WEIGHT - PUMP DISC. BALL
34. LOCK - BANJO BOLT	81. BALL - PUMP DISC. (METAL)
35. BOLT - BANJO	82. JET - PRI. MAIN AIR BLEED
36. WASHER - BANJO BOLT (UPPER)	83. JET - SEC. MAIN AIR BLEED
37. BANJO - FUEL INLET	84. PLUG - SEC. SLOW JET
38. BANJO - FUEL INLET	85. SPRING - SEC. SLOW JET
39. SCREEN - FUEL INLET	86. JET - SEC. SLOW
40. WASHER - BANJO (LOWER)	87. JET - AIR BLEED
41. SCREW & LOCKWASHER (2) - BOWL VENT SOLENOID	88. JET - COASTING
42. SOLENOID ASSY. - BOWL VENT	89. POWER VALVE ASSY.
43. O-RING (OUTER) - BOWL VENT SOLENOID	90. GASKET - POWER VALVE
44. O-RING (INNER) - BOWL VENT SOLENOID	91. LOCK TAB - PLUGS
45. SCREW & LOCKWASHER (3) - AIR HORN	92. PLUG - PRI. MAIN JET
46. AIR HORN ASSEMBLY	93. GASKET - PLUG
47. JET - PRI. SLOW AIR BLEED	94. JET - PRI. MAIN
	95. PLUG - SEC. MAIN JET
	96. GASKET - PLUG
	97. JET - SEC. MAIN
	98. BOWL ASSEMBLY.

CLEANING

CLEANING MUST BE DONE WITH CARBURETOR DISASSEMBLED. SOAK PARTS LONG
ENOUGH TO SOFTEN AND REMOVE ALL FOREIGN MATERIAL. USE A CARBURETOR
CLEANING SOLVENT. MAKE CERTAIN THE THROTTLE BODY IS FREE OF ALL
CARBON DEPOSITS. WASH OFF IN SUITABLE SOLVENT. BLOW OUT PASSAGES IN
CASTINGS WITH COMPRESSED AIR AND CHECK CAREFULLY FOR CLEANING OF
OBSCURE AREAS. CAUTION: DO NOT SOAK RUBBER PARTS, SOLENOIDS (31), (42),
DIAPHRAGM UNITS (22), (28), FLOAT (56), OR ELECTRIC CHOKE COVER ASSY. (14)
IN ANY TYPE OF CLEANING SOLVENT.

REASSEMBLY

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

SPECIAL INSTRUCTIONS

IDLE ADJUSTING NEEDLE (70) - TURN NEEDLE IN UNTIL LIGHTLY SEATED THEN
BACK OUT TWO TURNS FOR FEDERAL & 1 TURN FOR CALIF. (DO NOT INSTALL PLUG
AT THIS TIME).

NEEDLE AND SEAT (57) - INSTALL GASKET (58) - ON SERVICE NEEDLE & SEAT
BEFORE INSTALLING.

LEVEL GAUGE COVER SCREWS (51) - TIGHTEN SCREWS DOWN EVENLY. (DO NOT
OVER TIGHTEN.)

ADJUSTMENTS

