# INSTRUCTION SHEET OFF VEHICLE CARBURETOR SERVICE CARTER - MODEL BBD

WITH DUTY CYCLE SOLENOID

**GENERAL EXPLODED VIEW** 

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

# -1017→ 18--07 **₽**←16 23 8 24 30 32 ®\_\_\_\_28 50 USE RETAINER AND SPRING FROM OLD PLUNGER 55 25 ₽~49 -58 60 13

#### DISASSEMBLY

USE EXPLODED VIEW AS A GUIDE. THE NUMERICAL SEQUENCE MAY GENERALLY BE FOLLOWED TO DISASSEMBLE UNIT FAR ENOUGH TO PERMIT CLEANING AND INSPECTION, DRILL POP RIVET HEADS OFF TO REMOVE CHOKE PULL OFF LINK COVER. TO REMOVE IDLE ADJUSTING NEEDLE PLUGS & PINS. DRILL A SMALL HOLE IN THE CENTER OF EACH PLUG. USING A SUITABLE PULLER REMOVE PLUGS. USING A SHARP PUNCH HELD AT AN ANGLE DRIVE ROLL PINS OUT FAR ENOUGH TO REMOVE DILE ADJUSTING NEEDLES. BEFORE REMOVING TURN DILE ADJUSTING NEEDLES IN COUNTING THE NUMBER OF TURNS IT TAKES TO LIGHTLY SEAT NEEDLE. RECORD FOR REASSEMBLY.

NOMENCLATURE					
REF.					
NO.					
NO.  33. GASKET - BOWL COVER  34. RIVET (2) - COVER - (DRILL OUT)  35. COVER - CHOKE PULLOFF LINK  36. SCREW - LEVER  37. LEVER - CHOKE PULLOFF LINK  38. LINK - CHOKE PULLOFF  39. SCREW (2) - CHOKE PULLOFF					
50. SCREW (2) - VENTURI CLUSTER 51. COVER - VENTURI 52. GASKET - VENTURI COVER 53. CLUSTER ASSEMBLY - VENTURI 54. GASKET - VENTURI CLUSTER 55. BALL - PUMP CHECK (SMALL) 56. SCREW (2) - SOLENOID 57. DUTY CYCLE SOLENOID ASSEMBLY 58. GASKET - SOLENOID 59. SCREW & LOCKWASHER (2) - THROTTLE BODY 60. BOWL ASSEMBLY 61. GASKET - THROTTLE BODY 62. PLUG - IDLE NEEDLE					

# 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 BORES ARE FREE OF ALL CARBON AND VARNISH DEPOSITS. RINSE OFF IN SUITABLE SOLVENT. BLOW OUT ALL PASSAGES IN CASTINGS WITH COMPRESSED AIR AND CHECK CAREFULLY TO INSURE THOROUGH CLEANING OF ORSCUE AREAS. CUATION: DO NOT SOAK PLASTIC PARTS FOR A LONG PERIOD OF TIME. DO NOT SOAK PARTS CONTAINING DIAPHRAGMS, SOLENOIDS SUCH AS (2), (9), (40), (57) IN ANY TYPE OF CLEANING SOLVENTS.

#### REASSEMBLY

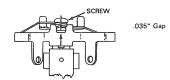
REASSEMBLE IN REVERSE ORDER OF DIASSEMBLY. NOTE SPECIAL INSTRUCTIONS AND FOLLOW NUMERICAL OUTLINE IN MAKING ADJUSTMENTS NECESSARY FOR CARBURETOR BEING SERVICED.

#### SPECIAL INSTRUCTIONS

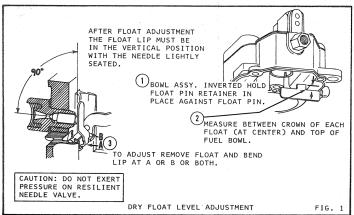
IDLE ADJUSTING NEEDLES (64) - TURN IN UNTIL LIGHTLY SEATED THEN BACK OUT NUMBER OF TURNS RECORDED ON DISASSEMBLY. (DO NOT INSTALL IDLE LIMITER PINS OR PLUGS AT THIS TIME.)

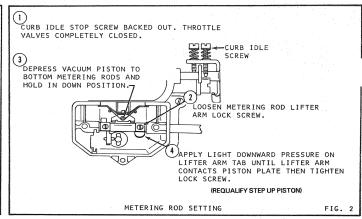
RETAINER FLOAT PIN (46) BE SURE RETAINER IS SEATING ON FLOAT PIN AND NOT HUNG UP IN GUIDE SLOTS.

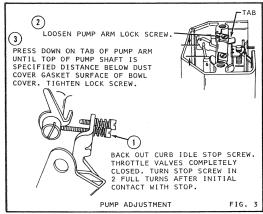
STEP UP PISTON QUALIFYING ADJUSTMENT
BEFORE INSTALLING, ADJUST THE GAP (AS ILLUSTRATED) BY TURNINIG ALLEN HEAD SCREW
ON TOP OF PISTON. (RECORD NUMBER OF TURNS AND DIRECTION TO OBTAIN THIS DIMENSION
FOR THIS MUST BE RESET TO ITS ORIGINAL POSITION AFTER THE VACUUM STEP UP PISTON
ADJUSTMENT HAS BEEN MADE.)

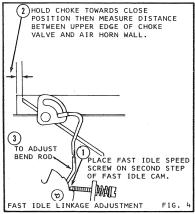


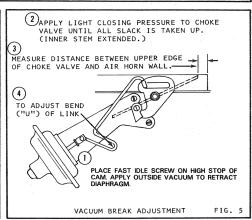
### **ADJUSTMENTS**

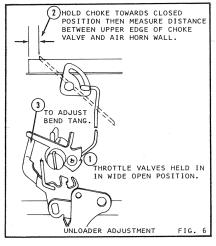


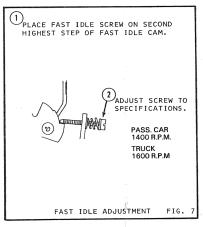












# CHRYSLER PRODUCTS

YEAR	CARB. NO.	FLOAT LEVEL	PUMP ADJ.	FAST IDLE LINKAGE ADJ.	VACUUM BREAK	UNLOADER	
1981-83 1983 1984	8291 8381 8382 8385	1/4" 1/4" 1/4" 1/4"	1/2" 15/32" 15/32" 15/32"	.070" 5/64" 5/64" 5/64"	.130" 1/8" 1/8" 1/8"	.280" 9/32" 9/32" 9/32"	
TRUCK 1982 1983-84	8348 8358 8359 8374	1/4" 1/4" 1/4" 1/4'	1/2" 15/32" 15/32" 15/32'	.070" .070" .070" .070"	.130" .130" .130" .130"	.310" .280" .280" .280"	

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