INSTRUCTION, SHEET HOLLEY CARBURETOR- MODEL 1946

GENERAL EXPLODED VIEW

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

POP RIVETS SOME MODELS 13 SULTION. 41 30 38 42 33 48 32 31 52 53 C. COVER & GASKET SOME MODELS 20 18

DISASSEMBLY

USE THE EXPLODED VIEW AS A GUIDE. THE NUMERICAL SEQUENCE MAY GÉNERALLY BE-FOLLOWED TO DISASSEMBLE UNIT FAR ENDUGH TO PERMIT CLÉANING AND INSPECTION WHEN POP RIVETS ARE USED ON CHOKE COVER RETAINER, DRILL RIVET HEAD JOST ENOUGH TO COME LOOSE FROM RIVET BODY USING A SMALL PUNCH 'DRIVE REMAINING. RIVET OUT OF HOLE.

RIVET OUT OF HOLE

REMOVE STAKING FROM POWER PISTON: HOUSING FOR EASY REMOVAL OF POWER.
PISTON RETAINING WASHER (13)

PISTON RETAINING WASHEN [13]
TO REMOVE TAMPER RESISTANT IDLE MIXTURE PLUG [20] AND CHOKE PULLDOWN MOTOR PLUG (4A). CENTER PUNCH AND DRILLA 2/32" DIA HOLE THROUGH THE HARDENED STEEL PLUG. INSTALL AN EASY-OUT HINTO THE HOLE AND REMOVE PLUG. BEFORE REMOVING IDLE MIXTURE NEEDLE USING THE PROPER WIRENCH, TURN LOLE ADJUSTING NEEDLE IN COUNTING THE NUMBER OF TURNS IT TAKES TO LIGHTLY SEAT THE NEEDLE IRECORD POR REASSEMBLY).

TO REMOVE VENT VALVE STEM (40), PULL IT OUT OF THE RUBBER VENT VALVE (41), MAIN, WELL TUBE IS NOT REMOVABLE , TAKE EXTREME CARE NOT TO BEND, OR DAMAGE TUBE

NOMENCLATURE

REF NO		NO.	
NO 1 Side 2 Side 3 Side 4 Side 5 Side 6 Rid 7 File 10 Side 11 File 12 Side 11 File 11 Side 11	CREW & LOCKWASHER (2)- SOLENOID OLENOID ASSY - ANTI DIESEL CREW (2) CHOKE PULLDOWN ASSY HOKE PULLDOWN ASSY HOKE PULLDOWN PLUG & LINK ASSY CREW IAI). CHOKE COVER RETAINER ETAINER CHOKE COVER RETAINER CHOKE COVER HOKE INDEX SPACER OSE POWER VALVE SCREW & LOCKWASHER (2) VAC PISTON OUSING POWER PISTON POWER PISTON STONIN VAC POWER PISTON SCREW & LOCKWASHER (3), THROTTLE HODY HAD THE CONTROL OF THE CONTROL ON THE CONTROL OF THE	NO 26 27 28 30 31 32 33 34 35 36 37 39 40 41 42 43 44 44 46 47 48	BOWL COVER ASSY- CAM-FAST IDLE SCREW PUMP RODICLAMP- CLAMP PUMP ROD SCREW SPRING RETAINER PLATE CUP PUMP STEM PUMP SPRING PUMP PLATE- PUMP SPRING RETAINER ROD-PUMP OPERATING GROMMET PUMP ROD SOLENOID- BOWL VENT GASKET BOWL VENT SOLENOID SPRING-VENT VALVE SIEM STEM VENT VALVE VENT GASKET BOWL COVER WEIGHT PUMP DISC NEEDLE, SEAT & GASKET ASSY RETAINER FLOAT PIN FLOAT ASSY PIN FLOAT HINGE JET - POWER VALVE
24 R	PRING-IDLE ADJ. NEEDLE IETAINER (E-CLIP). FAST IDLE CAM ICREW & LOCKWASHER (7): BOWL COVER	51 52	STEM: POWER VALVE SPRING: POWER VALVE JET: MAIN BOWL ASSY

CLEANING

CLEANING MUST BE DONE WITH CARBURETOR DISASSEMBELED SDAK PARTSLONG ENDUGHTO 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 A 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 SOLENOIDS (2H37), CHOKE PULLOFF (4T ELECTRIC CHOKE ASSY 17), FLOAT(47), OR PARTS MADE OF RUBBER IN CLEANING SOLVENT

REASSEMBLY

REASSEMBLE IN REVERSE ORDER OF DISASSEMBLY NOTE SPECIAL INSTRUCTIONS AND FOLLOW NUMERICAL DUTLINE IN MAKING ADJUSTMENTS NECESSARY FOR CARBURETOR BEING SERVICED

SPECIAL INSTRUCTIONS

VENT VALVE (41) — TO INSTALL, DROP VENT VALVE INTO PLACE LUBE END OF VENT VALVE STEM (40), CAREFULLY INSERT THE STEM INTO THE HOLE OF THE VALVE AND PUSH STEM UNTIL IT SNAPS INTO THE SEAT OF THE VALVE

PUMP SPRING (33) - INSTALL WITH SMALL END TOWARDS FUMP OUP

BOWL COVER SCREWS (25) - TORQUE TO ZO-INCH LBS

IDLE ADJ NEEDLE (21): TURN IN UNTIL LIGHTLY SEATED. THEN BACK OUT NUMBER OF TURNS RECORDED ON DISASSEMBLY (INSTALL PLUG (20) AFTER COMPLETING ALL RUNNING (DLE ADJUSTMENTS ON CAR).

THROTTLE BODY SCREWS (16) - TORQUE TO 30-INCH LBS

VACUUM POWER PISTON RETAINER (13) - LIGHTLY STAKE CASTING AROUND WASHER

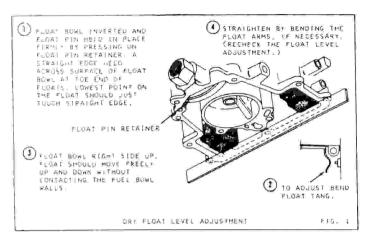
ELECTRIC CHOKE COIL ASSY (7) HAS A FIXED SETTING, IS NOT ADJUSTABLE INSTALL POP RIVETS IN PROPER HOLES. ON UNITS WHERE RIVETS WERE REMOVED

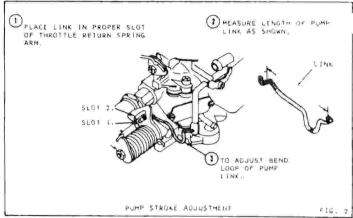
NOTICE

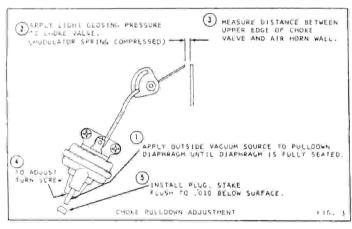
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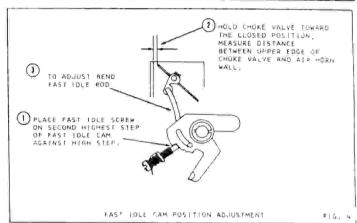
PLEASE REFER TO THE ENGINE DECAL. SERVICE SPECIFICATIONS AND TECHNICAL BULLETINS FOR REVISIONS TO THIS INFORMATION

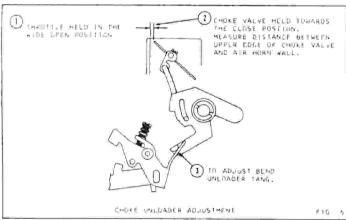
ADJUSTMENTS

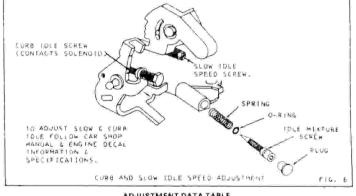












1) PLACE FAST TOLE SCREW ON SECOND HIGHEST STEP OF FAST TOLE CAM AGAINST HIGH STEP 2) ENGINE PUNNING ADJUST A FAST TOLE SCREW TO FROPER R.F.M.	
(CHECK INFORMATION ON ENGINE DECAL)	
FAST TOLE ADJUSTMENT	F1G. 7

		DBY	PUMP AC	PUMP ADJUSTMENT		FAST IDLE	CHOKE -
YEAR		FLOAT LEVEL	SLOT	LENGTH	PULLDOWN SETTING	CAM SETTING	UNLOADER SETTING
1980	200" ENG CALIF CARB NO EOBE-AAA, ZA 200" ENG 498 CARB NO EOBE-AA, CA.	FIG. 1	1	2 25/64"	115"	090"	150"
	AMA ALA	FIG. 1	2	2.25/64"	100"	075	150"
	CARB NO EDZE-DA, EA CARB NO EDZE-FA, GA	FIG. 1	ž	2/25/64*	110"	0.70	150
1981	BAA, BBA	FIG 1	2	2 25/64"	150	086"	150
	EIBE-ARA, ASA	FIG 1		2 25/64"	113	082"	150
	CARB NO EIBE-AGA 200" ENG CANADA	FIG 1	2	2 25/64	120	286	150
	CARB NO, EOBE-AA, CA	FIG 1	- 2	2 25/64"	100"	0.10	V5Q
1982	CARB NO EOZE-BAA, BBA 200" ENG 50 S		1	2 25/64		086	1.50
	CARB NO EZBE-BA, CA 200" ENG CANADA	FIG	1	2 25/64		078	1657
	CARB NO. EZBE-HA, JA	FIG.	2.	2 25 84	110"	078	150"
	EZBE-EA 200° ENG ALTITUDE	FIG		2 25/64"	120"	086	150"
1983	CARB. NO E28E-SA, TA 200" ENG 49S	FIG.	2.	2 25/84	110"	Ø 78	150*
	CARB NO ESSE-CA DA	FIG		2 9/32"	105	10.18	150"
	CARB NO ESDE-CA, DA 200" ENG CALIF	FIG.		2'9/32"	105"	.10 7:81"	150"
	CARB NO ESSE-AA, BA	FIG	1 2	2 25/64	105**	078"	150"