

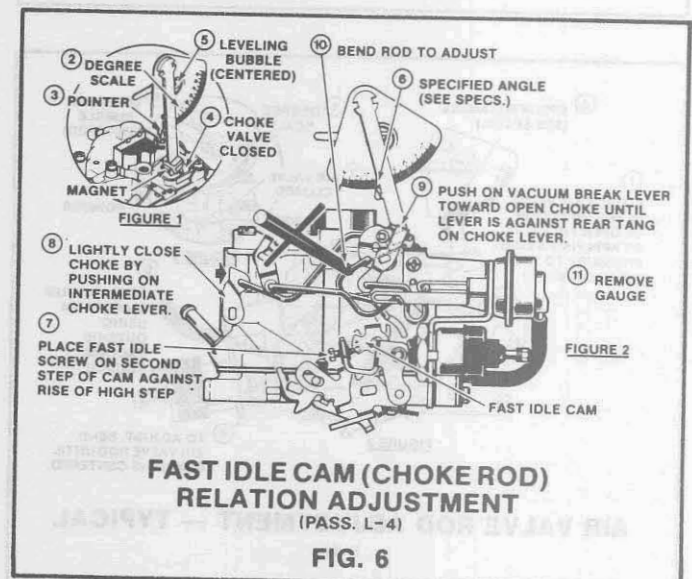
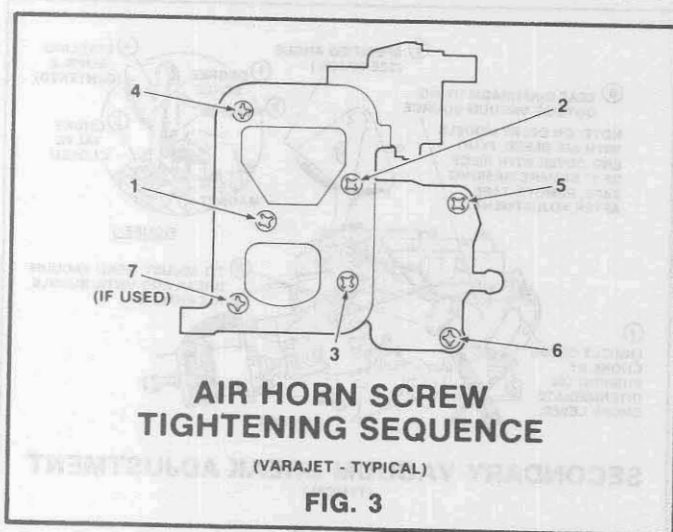
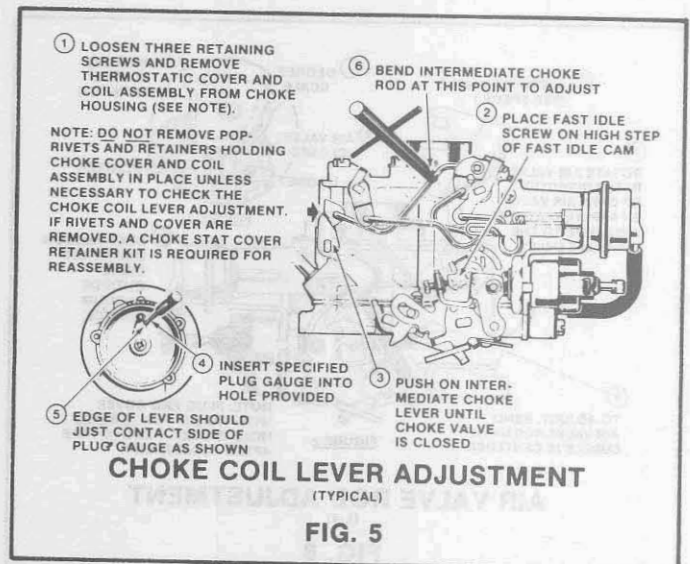
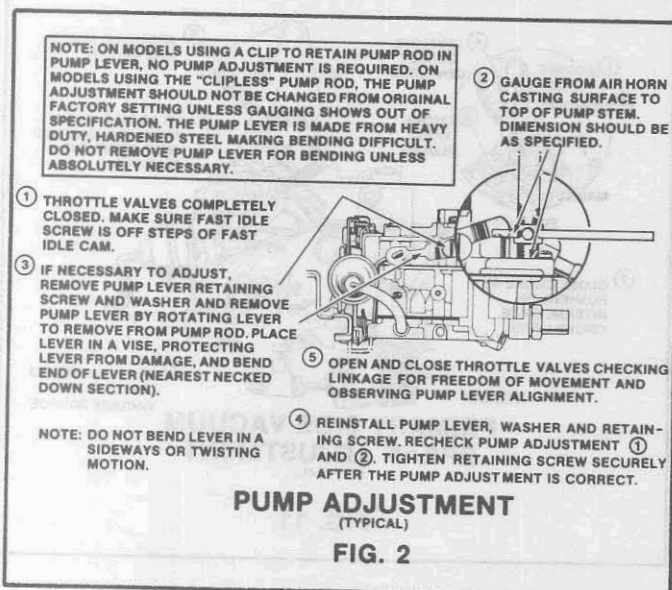
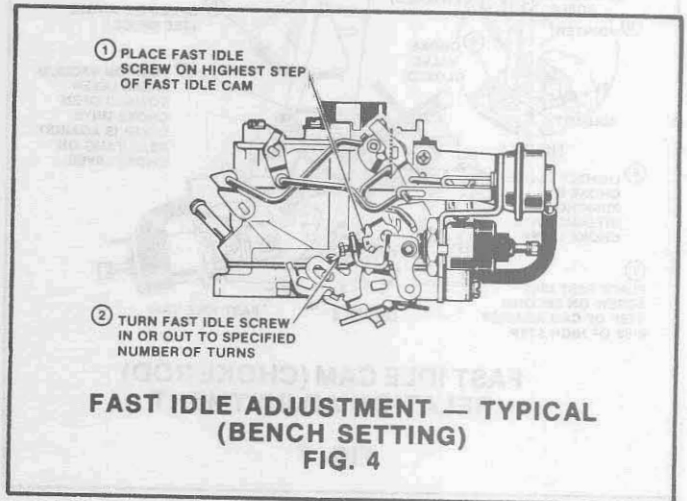
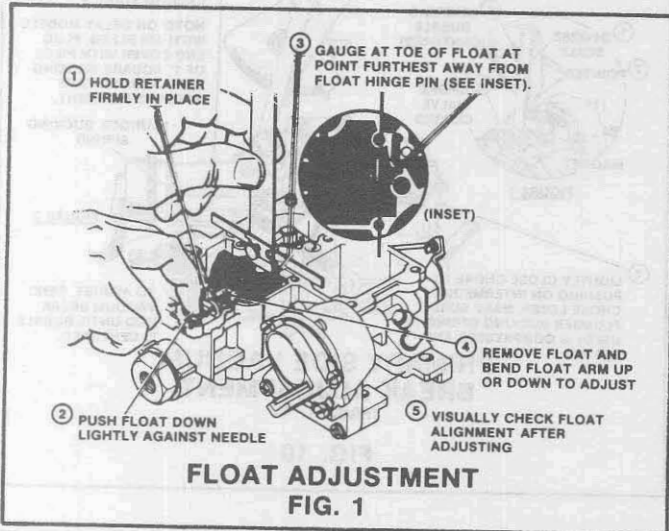


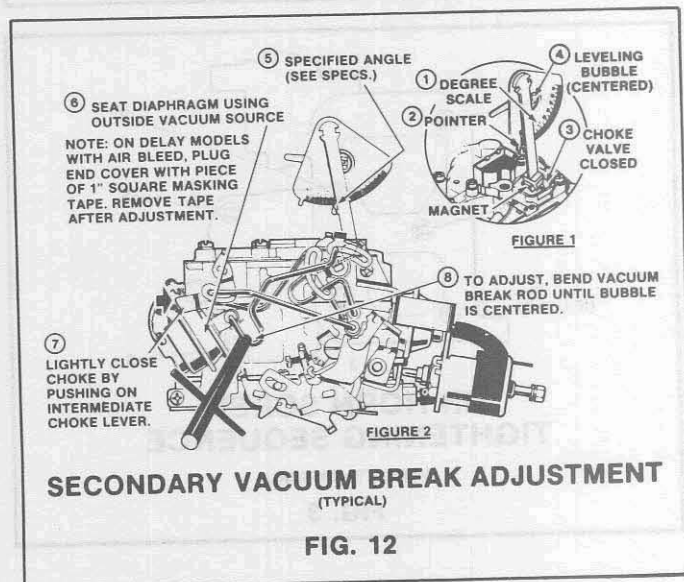
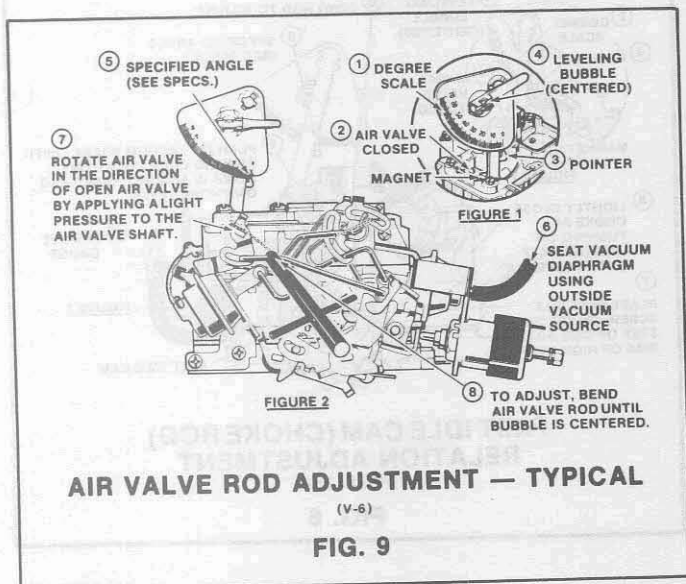
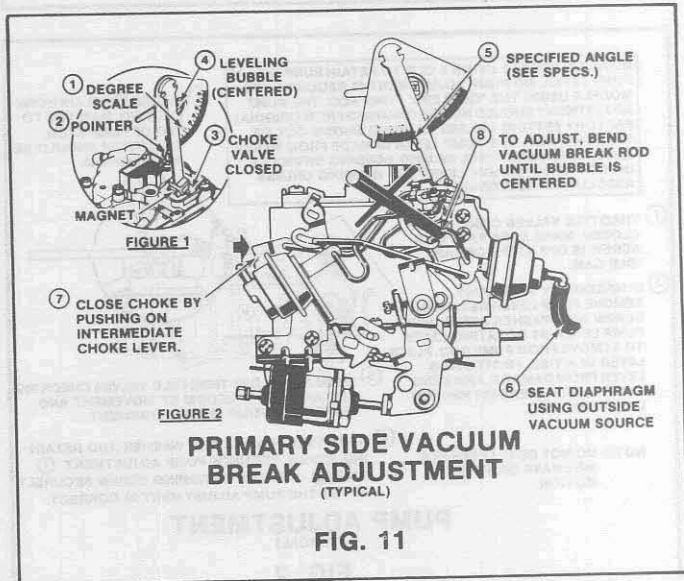
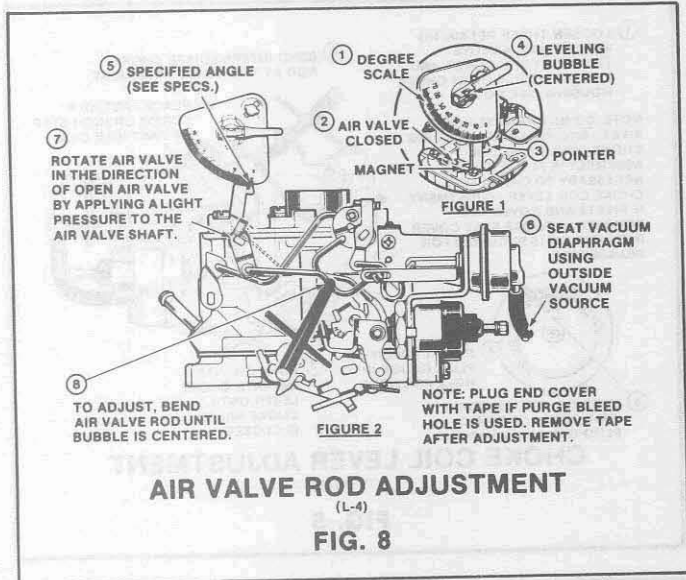
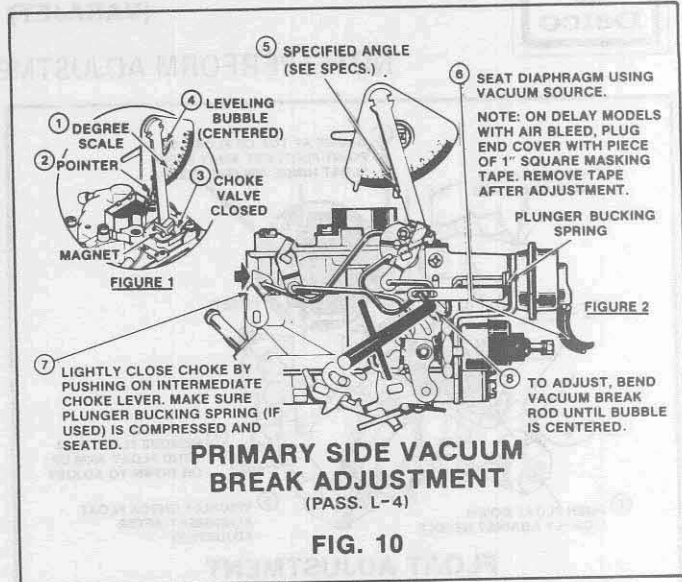
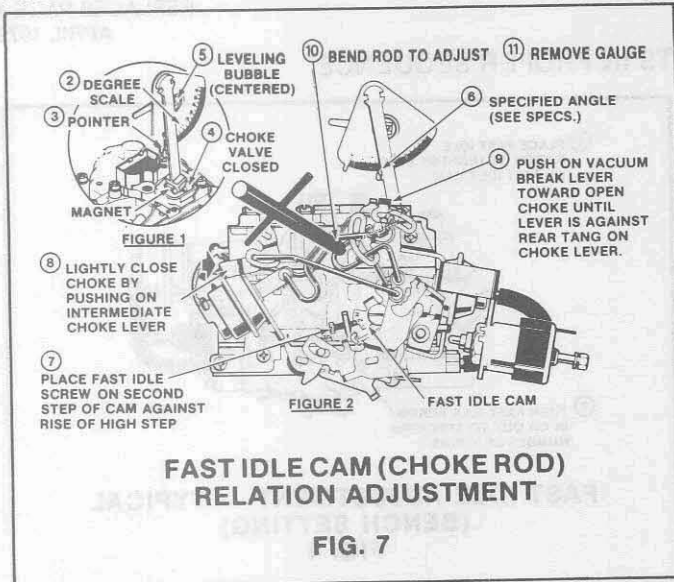
Delco Carburetor

ADJUSTMENT PROCEDURES 2SE-E2SE (VARAJET)

BULLETIN: 9D-9A
RED SECTION
DATE: MAY 1983
PAGE: 1
REPLACES PAGE 1
APRIL 1979

NOTE: PERFORM ADJUSTMENTS IN PROPER SEQUENCE







Delco Carburetor ADJUSTMENT PROCEDURES 2SE — E2SE (VARAJET)

NOTE: PERFORM ADJUSTMENTS IN PROPER SEQUENCE

FIG. 13 ELECTRIC CHOKE SETTING

- 1 LOOSEN THREE RETAINING SCREWS (SEE NOTE).
- 2 PLACE FAST IDLE SCREW ON HIGH STEP OF CAM.
- 3 SET SCRIBE LINE ON ELECTRIC CHOKE TO SPECIFIED POINT ON CHOKE HOUSING - CHOKE VALVE TOWARD CLOSED POSITION.

NOTE: NO ADJUSTMENT NECESSARY ON TAMPER-RESISTANT CHOSES.

FIG. 14 UNLOADER ADJUSTMENT

- 1 DEGREE BUBBLE (CENTERED)
- 2 POINTER
- 3 CHOKE VALVE (CLOSED)
- 4 LEVELING BUBBLE (CENTERED)
- 5 SPECIFIED ANGLE (SEE SPECS.)
- 6 BEND TANG TO ADJUST UNTIL BUBBLE IS CENTERED.
- 7 HOLD PRIMARY THROTTLE VALVE WIDE OPEN.
- 8 INSTALL CHOKE THERMOSTATIC COVER AND COIL ASSEMBLY IN HOUSING, ALIGN INDEX MARK WITH SPECIFIED POINT ON RUBBER BAND).

ON WARM ENGINE, CLOSE CHOKE VALVE BY PUSHING CLOCKWISE ON INTERMEDIATE CHOKE LEVER (HOLD IN POSITION WITH RUBBER BAND).

FIG. 15 SECONDARY LOCKOUT ADJUSTMENT

- 1 HOLD CHOKE VALVE WIDE OPEN BY PUSHING COUNTER-CLOCKWISE ON INTERMEDIATE CHOKE LEVER.
- 2 OPEN THROTTLE LEVER UNTIL END OF SECONDARY ACTUATING LEVER IS OPPOSITE TOE OF LOCKOUT LEVER.
- 3 GAUGE CLEARANCE DIMENSION SHOULD BE AS SPECIFIED.
- 4 IF NECESSARY TO ADJUST, BEND LOCKOUT LEVER TANG CONTACTING FAST IDLE CAM.

FIG. 16 FAST IDLE ADJUSTMENT — TYPICAL (ON CAR)

- 1 PREPARE VEHICLE FOR ADJUSTMENTS - SEE EMISSION LABEL ON VEHICLE.
- 2 TURN FAST IDLE SCREW IN OR OUT TO OBTAIN SPECIFIED FAST IDLE R.P.M. - (SEE LABEL).
- 3 PLACE FAST IDLE SCREW ON HIGHEST STEP OF FAST IDLE CAM.
- 4 ADJUST CURB IDLE SPEED IF REQUIRED.

NOTE: IGNITION TIMING SET PER LABEL.

FIG. 17 NON-A/C IDLE SPEED ADJUSTMENT — TYPICAL

- 1 PREPARE VEHICLE FOR ADJUSTMENTS - A/T SOLENOID ENERGIZED - IN DRIVE, M/T IN NEUTRAL.
- 2 SEE EMISSION LABEL ON VEHICLE.
- 3 TURN IDLE SPEED SCREW TO SET BASIC IDLE SPEED TO SPECIFICATIONS (SOLENOID DE-ENERGIZED).
- 4 OPEN THROTTLE PLUNGER TO FULLY EXTEND.
- 5 TURN IDLE SPEED SCREW TO SPECIFIED RPM.
- 6 RECONNECT SOLENOID (SOLENOID ENERGIZED).
- 7 TURN SOLENOID SCREW TO ADJUST CURB IDLE SPEED TO SPECIFIED RPM.
- 8 BREAK BRACKET - LG TRUCK MODELS.
- 9 RECONNECT SOLENOID (SOLENOID DE-ENERGIZED).

NOTE: IDLE SPEED SOLENOID LOCATED ON SECONDARY SIDE VACUUM BREAK BRACKET - LG TRUCK MODELS.

FIG. 18 A/C IDLE SPEED SOLENOID ADJUSTMENT

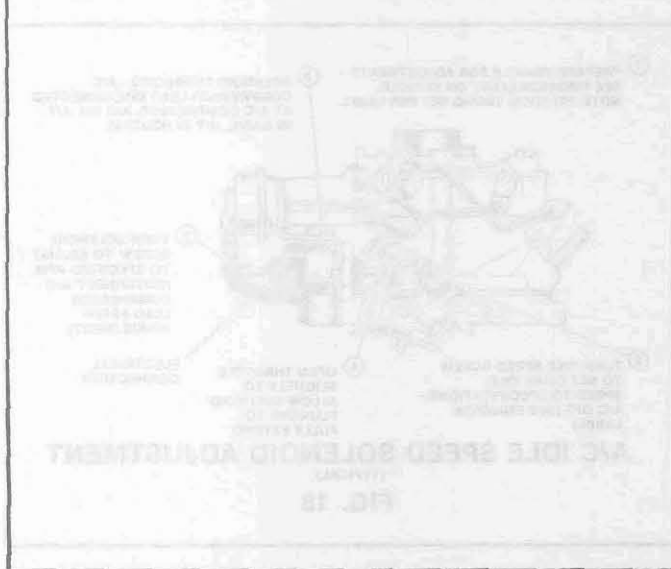
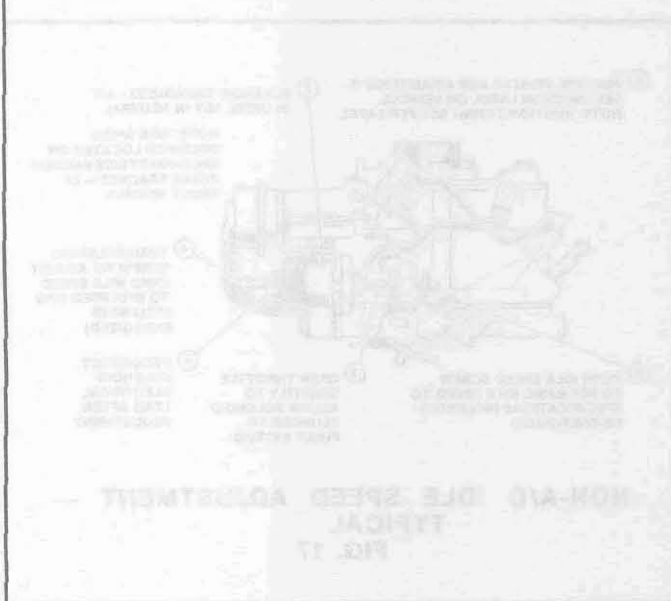
- 1 PREPARE VEHICLE FOR ADJUSTMENTS - A/C SOLENOID ENERGIZED - IN DRIVE, M/T IN NEUTRAL.
- 2 SEE EMISSION LABEL ON VEHICLE.
- 3 TURN SOLENOID SCREW TO ADJUST TO SPECIFIED RPM.
- 4 OPEN THROTTLE PLUNGER TO FULLY EXTEND.
- 5 TURN SOLENOID SCREW TO ADJUST CURB IDLE SPEED TO SPECIFICATIONS - A/C OFF (SEE EMISSION LABEL).

NOTE: IGNITION TIMING SET PER LABEL.



NOTE: PERFORM ADJUSTMENTS IN THE PROPER SEQUENCE

NOTES





Delco Carburetor

BULLETIN: 9D-9S
 DATE: APRIL 1979
 PAGE: 1
 FILE AFTER BULLETIN 9D-9

ADJUSTMENT AND TUNE UP SPECIFICATIONS MODELS 2SE—E2SE (VARAJET)

CARBURETOR MODEL	2SE	2SE	2SE	2SE	2SE
CARBURETOR NO.	17059614 17059615 17059616 17059617 17059618 17059619 17059620 17059621	17059640 17059641 17059642 17059643	17059650 17059651 17059652 17059653	17059673 17059675 17059677	17059674 17059676

ADJUSTMENT SPECIFICATIONS

ADJUSTMENT BULLETIN NO.	9D-9A		9D-9A		9D-9A		9D-9A		9D-9A	
	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.
FLOAT LEVEL	7/32	1	1/8	1	5/32	1	3/16	1	3/16	1
PUMP ROD	1/2	2	9/16	2	17/32	2	17/32	2	1/2	2
FAST IDLE (BENCH)	3 Turns	4	3 Turns	4	3 Turns	4	3 Turns	4	3 Turns	4
CHOKE COIL LEVER	.085	5	.085	5	.085	5	.085	5	.085	5
CHOKE ROD (FAST IDLE CAM)	18°	6	17°	7	24°	7	18°	6	18°	6
AIR VALVE ROD	2°	8	2°	9	2°	9	2°	8	2°	8
VACUUM BREAK — PRIMARY SIDE	NOTE 1	10	NOTE 2	11	30°	11	21°	10	19°	10
VACU—M BREAK — SECONDARY SIDE			37°	12	NOTE 3	12				
ELECTRIC CHOKE SETTING	— *	—	INR	13	— *	—	INR	13	2NR	13
UNLOADER	36°	14	49°	14	30°	14	32°	14	32°	14
SECONDARY LOCKOUT	.025	15	.025	15	.025	15	.025	15	.025	15
IDLE SPEED ADJUSTMENT	SEE DECAL	17	SEE DECAL	17	SEE DECAL	17	SEE DECAL	17	SEE DECAL	17
A/C IDLE SPEED ADJUSTMENT	SEE DECAL	18	SEE DECAL	18	SEE DECAL	18	SEE DECAL	18	SEE DECAL	18
FAST IDLE R.P.M.	2600-P OR 2600-N	SEE DECAL	A/T 2000-P M/T 1800-N	SEE DECAL	A/T 2000-P M/T 1900-N	SEE DECAL	2200-N	SEE DECAL	2400-P	SEE DECAL

**REFER TO LABEL IN ENGINE COMPARTMENT FOR CORRECT
 TUNE-UP PROCEDURE AND SPECIFICATIONS**

*NON-ADJUSTABLE.

NOTE 1: 17059614-616-618-620 17°; OTHERS 19°
 NOTE 2: 17059640-642 20°; OTHERS 23-1/2°
 NOTE 3: 17059650-652 38°; OTHERS 37°

CO, WD, 131, 132:M, 9X, 9FR, 9FD

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**ADJUSTMENT AND TUNE UP SPECIFICATIONS
 MODELS 2SE—E2SE (VARAJET)**

CARBURETOR MODEL	E2SE	2SE	2SE	E2SE
CARBURETOR NO.	17059714 17059715 17059716 17059717 17059718 17059720	17059740 17059741 17059742 17059764 17059765 17059767	17059750 17059751 17059752 17059753	17059760 17059762 17059763

ADJUSTMENT SPECIFICATIONS

ADJUSTMENT BULLETIN NO.	9D-9A		9D-9A		9D-9A		9D-9A		9D-9A	
	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.	Spec.	Fig. No.
FLOAT LEVEL	1/4	1	1/8	1	5/32	1	1/8	1		
PUMP ROD	NOTE 1	2	9/16	2	17/32	2	15/32	2		
FAST IDLE (BENCH)	3 Turns	4	3 Turns	4	3 Turns	4	3 Turns	4		
CHOKE COIL LEVER	.085	5	.085	5	.085	5	.085	5		
CHOKE ROD (FAST IDLE CAM)	18°	6	17°	7	24°	7	16°	7		
AIR VALVE ROD	2°	8	2°	9	2°	9	2°	9		
VACUUM BREAK — PRIMARY SIDE	NOTE 2	10	NOTE 3	11	30°	11	20°	11		
VACUUM BREAK — SECONDARY SIDE			37°	12	38°	12	NOTE 4	12		
ELECTRIC CHOKE SETTING	— *	—	INR 17059765 2NR	13	— *	—	— *	—		
UNLOADER	32°	14	49°	14	30°	14	35°	14		
SECONDARY LOCKOUT	.025	15	.025	15	.025	15	.025	15		
IDLE SPEED ADJUSTMENT	SEE DECAL	17	SEE DECAL	17	SEE DECAL	17	SEE DECAL	17		
A/C IDLE SPEED ADJUSTMENT	SEE DECAL	18	SEE DECAL	18	SEE DECAL	18	SEE DECAL	18		
FAST IDLE R.P.M.	A/T 2600-P M/T 2200-N	SEE DECAL	A/T 2600-P M/T 2100-N	SEE DECAL	A/T 2000-P M/T 1900-N	SEE DECAL	2000-P OR 2000-N	SEE DECAL		

**REFER TO LABEL IN ENGINE COMPARTMENT FOR CORRECT
 TUNE-UP PROCEDURE AND SPECIFICATIONS**

*NON-ADJUSTABLE.

NOTE 1: 17059715-717 9/16; OTHERS 1/2.
 NOTE 2: 17059715-717 21°; OTHERS 19°.
 NOTE 3: 17059765-767 23-1/2°; OTHERS 20°.
 NOTE 4: 17059761 31°; OTHERS 33°.