

1975-79 EXHAUST EMISSION SYSTEMS

1979 Ford Motor Co. Vacuum Diagram Index

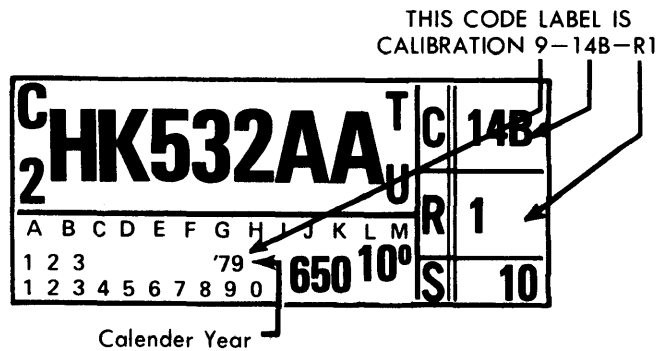
CALIBRATION NUMBER IDENTIFICATION

To determine the emission calibration number, first locate the engine code label. On 6-cylinder engines, the code label is on the front of the valve cover. On V8 engines, the label is located on the front of the left valve cover and/or on the side of the right valve cover.

After locating label, determine the calibration number, using the illustration as a guide. Then, find the calibration number under the appropriate heading in index and locate proper vacuum diagram by referring to specified figure number.

NOTE: Some Ford Motor Co. calibration numbers are carried over from 1977 and 1978. The first digit of these numbers will be "7" or "8". All other codes should begin with a "9".

NOTE: There are 2 light duty truck emission control standards classifications: Light Duty and Heavy Duty. Light Duty refers to vehicles up through 8500 lbs. GVW; Heavy Duty refers to vehicles over 8500 lbs. GVW.



300" 6 CYL. (LIGHT DUTY) VACUUM DIAGRAM INDEX

Calibration	Fig. No.
Federal Man. Trans.	
9-51G-R0	1
9-51J-R0	2
9-51K-R0	3
9-51L-R0	4
9-51M-R0	4
Federal Auto. Trans.	
9-52G-R0	6
9-52J-R0	6
9-52L-R0	4
9-52M-R0	4
Calif. Man. Trans.	
9-51S-R0	5
9-51T-R0	4
Calif. Auto. Trans.	
9-52G-R0	6
9-52J-R0	6
9-52L-R0	4
9-52M-R0	4
300" 6 Cyl. (Heavy Duty)	
All Man. Trans.	
9-77J-R0	7
9-77J-R11	8
9-77M-R0	9
9-77M-R10	10
All Auto. Trans.	
9-78J-R0	7
9-78J-R11	8

302" V8 Vacuum Diagram Index

Calibration	Fig. No.
Federal Man. Trans.	
9-53G-R0	11
9-53G-R10	11
9-53G-R12	12
9-53H-R0	11
9-53H-R10	11
Federal Auto. Trans.	
9-54G-R0	14
9-54H-R0	15
9-54H-R10	15
9-54J-R1	16
9-54J-R10	16
Calif. Auto. Trans.	
9-54H-R10	15
9-54J-R1	16
9-54J-R10	16
9-54R-R0	17
9-54S-R0	18
9-54S-R10	18
9-54T-R0	17
9-54T-R10	17
9-54U-R0	19
9-54U-R10	19
High Altitude Auto. Trans.	
9-54A-R0	13

351" M V8 (Light Duty) Vacuum Diagram Index

Calibration	Fig. No.
Federal Man. Trans.	
9-59H-R0	20
9-59J-R0	20
9-59K-R0	20
9-59T-R0	20
Federal Auto. Trans.	
9-60G-R0	21
9-60H-R0	21
9-60H-R10	22
9-60J-R0	21
9-60J-R10	21
9-60L-R0	23
9-60M-R0	21
9-60M-R10	22
Calif. Man. Trans.	
9-59S-R0	20
Calif. Auto. Trans.	
9-60H-R0	21
9-60H-R10	22
9-60J-R0	21
9-60J-R10	21
9-60L-R0	23
9-60M-R0	21
9-60M-R10	22
9-60S-R0	24
9-60S-R10	24
351" M V8 (Heavy Duty)	
All Man. Trans.	
9-71J-R10	27
All Auto. Trans.	
7-72J-R11	25
9-72J-R0	26
9-72J-R11	28

3-144 **1975-79 EXHAUST EMISSION SYSTEMS**
1979 Ford Motor Co. Vacuum Diagram Index (Cont.)

351" W V8 (Light Duty) Vacuum Diagram Index

Calibration	Fig. No.
Federal Man. Trans.	
9-63H-R0	29
Federal Auto. Trans.	
9-64G-R0	30
9-64G-R10	31
9-64H-R0	29
Calif. Auto. Trans.	
9-64G-R10	31
9-64H-R0	29
9-64S-R0	29
High Altitude Auto. Trans.	
9-64A-R0	30
9-64B-R0	29
351" W V8 (Heavy Duty)	
All Auto. Trans.	
7-79J-R11	32

400" V8 (Light Duty) Vacuum Diagram Index

Calibration	Fig. No.
Federal Man. Trans.	
9-61G-R0	20
9-61H-R0	20
Federal Auto. Trans.	
9-62J-R0	21
9-62M-R0	21
9-62M-R10	21
Calif. Auto Trans.	
9-62J-R0	21
9-62M-R0	21
9-62M-R10	21
High Altitude Auto. Trans.	
9-62A-R0	21
9-62B-R0	21
9-62B-R10	21
400" V8 (Heavy Duty)	
All Man. Trans.	
9-73J-R0	26
9-73J-R11	28
9-73J-R12	28
All Auto. Trans.	
9-74J-R0	26
9-74J-R11	28
9-74J-R12	28

460" V8 (Light Duty) Vacuum Diagram Index

Calibration	Fig. No.
All Auto Trans.	
9-66G-R0	33
460" V8 (Heavy Duty)	
Federal Auto. Trans.	
9-97J-R0	34
9-97J-R10	35
Calif. Auto. Trans.	
9-97J-R11	35

1975-79 EXHAUST EMISSION SYSTEMS

1979 Ford Motor Co. Vacuum Diagrams

FORD VACUUM DIAGRAM ABBREVIATIONS

ACV - Air Control Valve; **A/CL Bi Met** - Air Cleaner Bi-Metal Sensor; **A/CL CWM** - Air Cleaner Cold Weather Modulator; **A/CL DV** - Air Cleaner Duct and Vacuum Valve Motor; **Air BPV** - Thermactor Air Bypass Valve; **ANTI-BFV** - Anti-Backfire Valve; **BMAP** - Barometric and Manifold Absolute Pressure Sensor; **B/P** - EGR Back Pressure Transducer; **BV** - Bowl Vent Port; **CARB** - Carburetor; **CV** - Control Valve; **DIST** - Distributor; **DVCV** - Differential Vacuum Control Valve; **DV-TW** - Delay Valve Two Way; **E** - EGR Port; **EGR** - Exhaust Gas Recirculation Valve; **EGR VA** - EGR Valve Actuator; **FVEC** - Fuel Vapor Emission Control; **FDV** - Fuel Deceleration Valve; **IPS** - Ignition Pressure Switch; **ITVS** - Ignition Timing Vacuum Switch; **IVV** - Idle Vacuum Valve; **MAP** - Manifold Absolute Pressure Sensor; **PPS** - Ported Pressure Switch; **Purge CV** - Purge Control Valve; **S** - Spark Port; **SA-FV** - Separator Assembly Fuel Vacuum; **SC** - Signal Conditioner; **Sol V** - Solenoid Valve; **SPK RET** - Spark Retard Switch; **SV-CBV** - Solenoid Valve Carb Bowl Vent; **SVV** - Solenoid Vent Valve; **TSP** - Throttle Solenoid Positioner; **VOTM** - Vacuum Operated Throttle Modulator; **TVS** - Air Cleaner Thermal Vacuum Switch Valve; **TVV** - Thermal Vent Valve; **Vac Switch** - Vacuum Switch; **VacVV** - Vacuum Vent Valve; **VCV** - Vacuum Control Valve; **V Ck V** - Vacuum Check Valve; **VCS** - **Vacuum Controlled Switch**; **VCS-CT** - Vacuum Controlled Switch - Cold Temperature; **VCS-DI** - VCS - Deceleration Idle; **VDV** - Vacuum Delay Valve; **VOTM** - Vacuum Operated Throttle Modulator; **VRDV** - Vacuum Retard Delay Valve; **VReser** - Vacuum Reservoir; **VRest** - Vacuum Restrictor; **VRS** - Vacuum Regulator/Solenoid; **VRV** - Vacuum Regulator Valve (3 port); **VVA** - Venturi Vacuum Amplifier; **VVVac** - Vent Valve Vacuum.

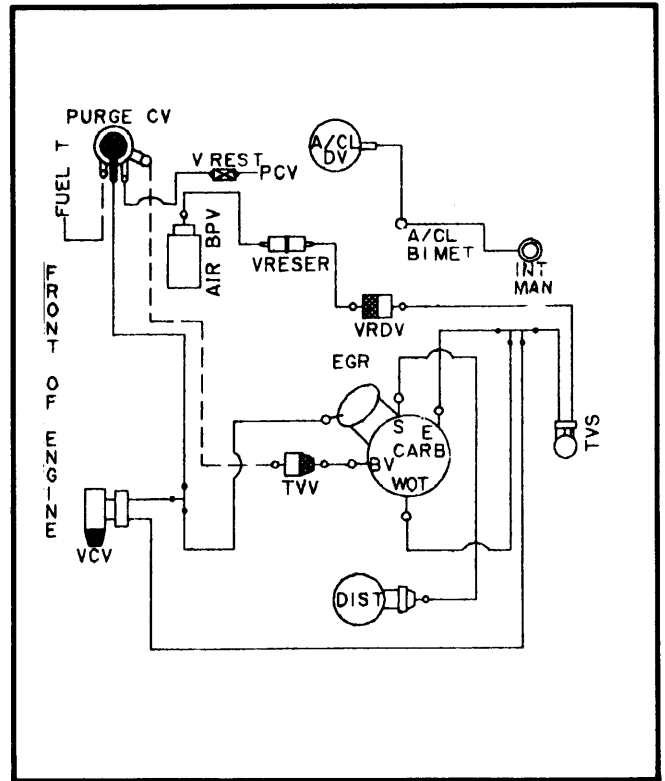


Fig. 1 300" 6 Cyl.
Calibration 9-51G-R0

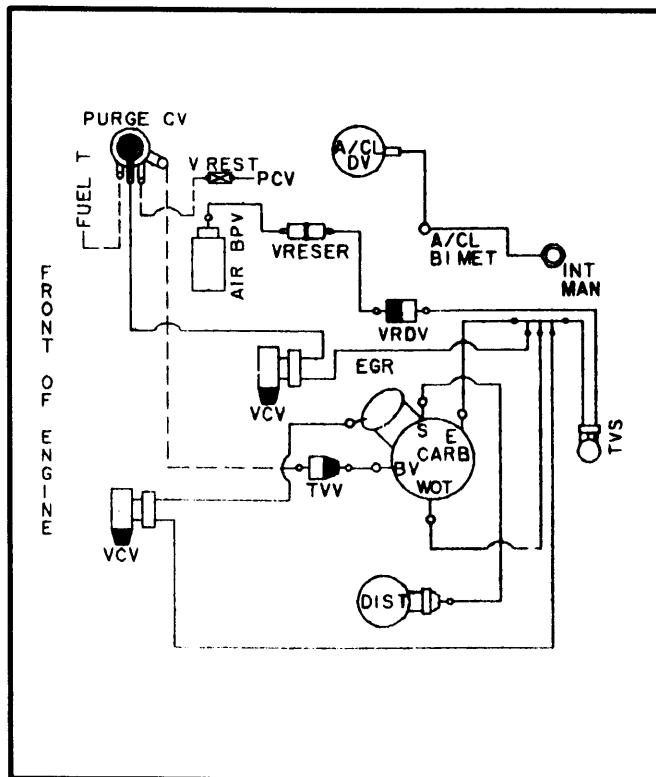


Fig. 2 300" 6 Cyl.
Calibration 9-51J-R0

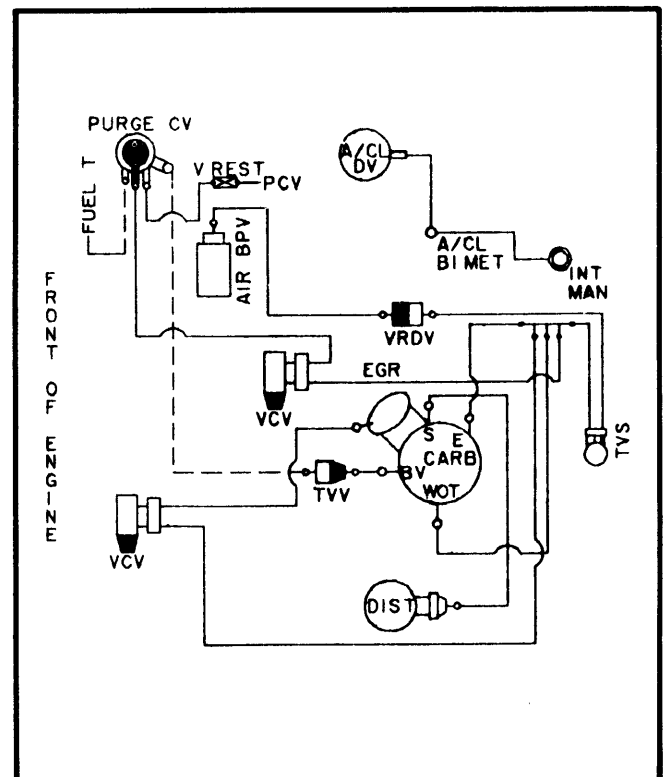


Fig. 3 300" 6 Cyl.
Calibration 9-51K-R0

1975-79 EXHAUST EMISSION SYSTEMS

1979 Ford Motor Co. Vacuum Diagrams (Cont.)

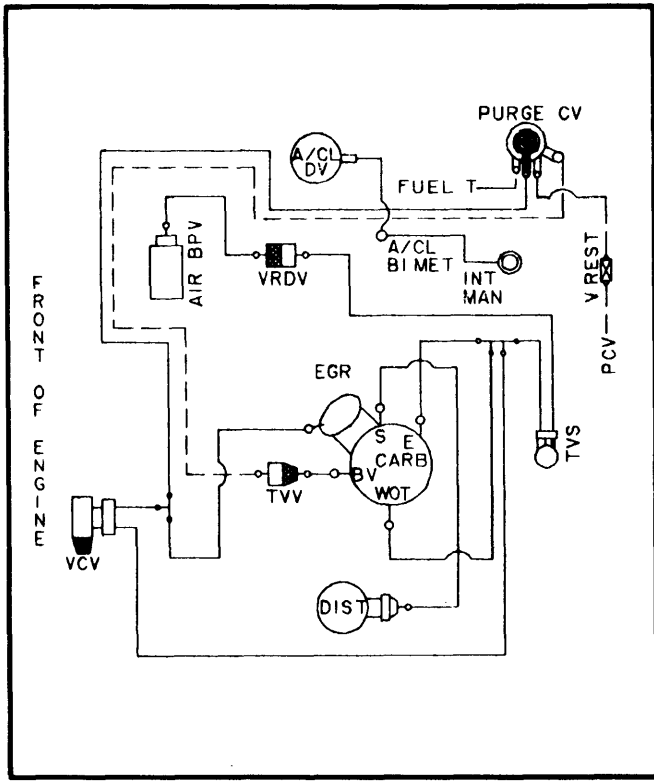


Fig. 4 300" 6 Cyl.
(See Vacuum Diagram Index for Calibration No.)

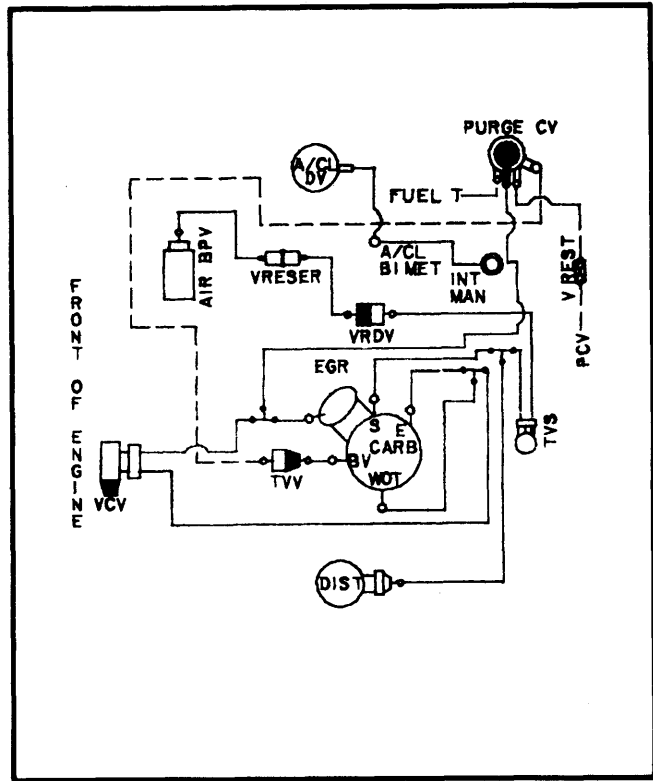


Fig. 5 300" 6 Cyl.
Calibration 9-51S-R0

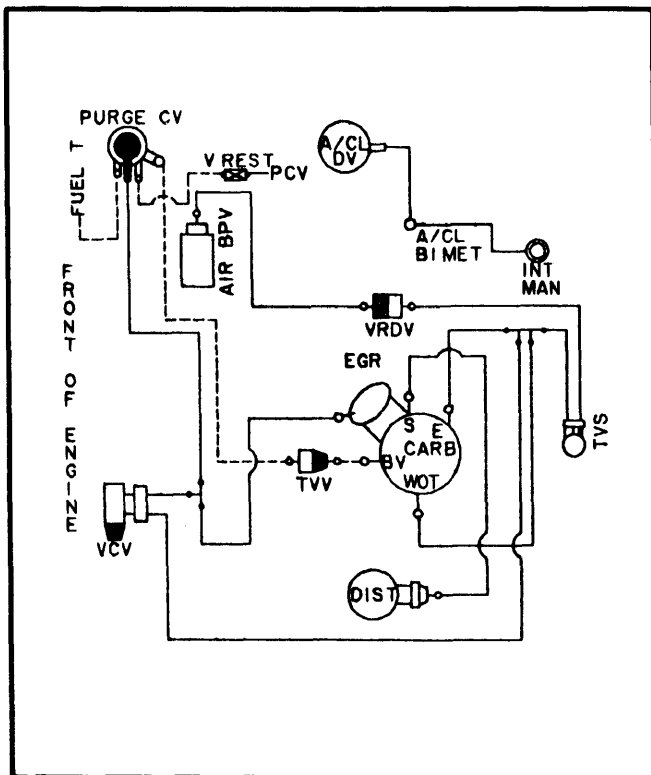


Fig. 6 300" 6 Cyl
Calibration 9-52G-R0 and 9-52J-R0

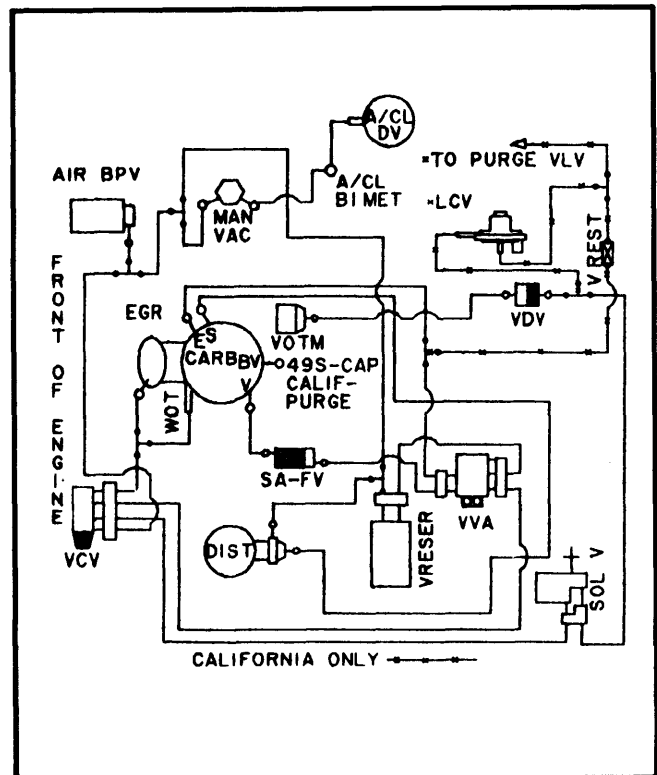


Fig. 7 300" 6 Cyl.
Calibration 9-77J-R0 and 9-78J-R0

1975-79 EXHAUST EMISSION SYSTEMS

1979 Ford Motor Co. Vacuum Diagrams (Cont.)

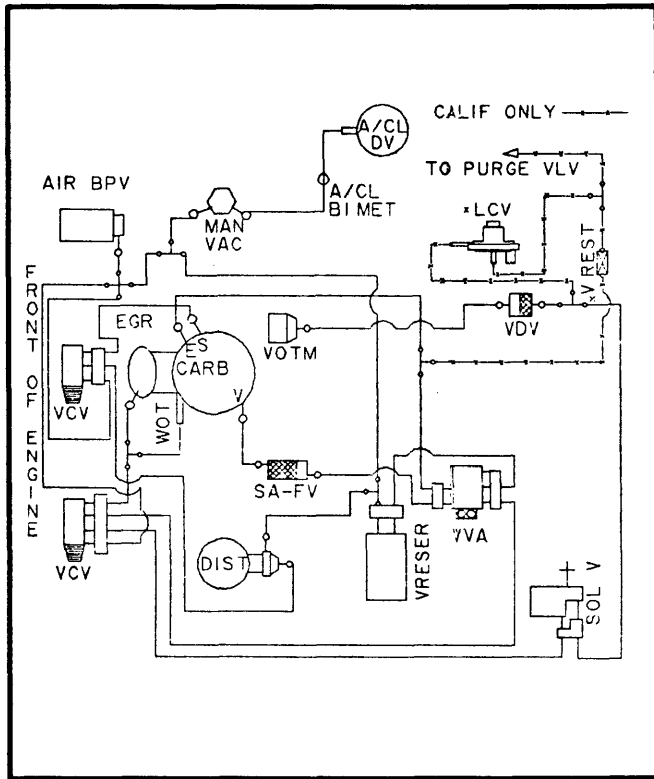


Fig. 8 300" 6 Cyl.
Calibration 9-77J-R11 and 9-78J-R11

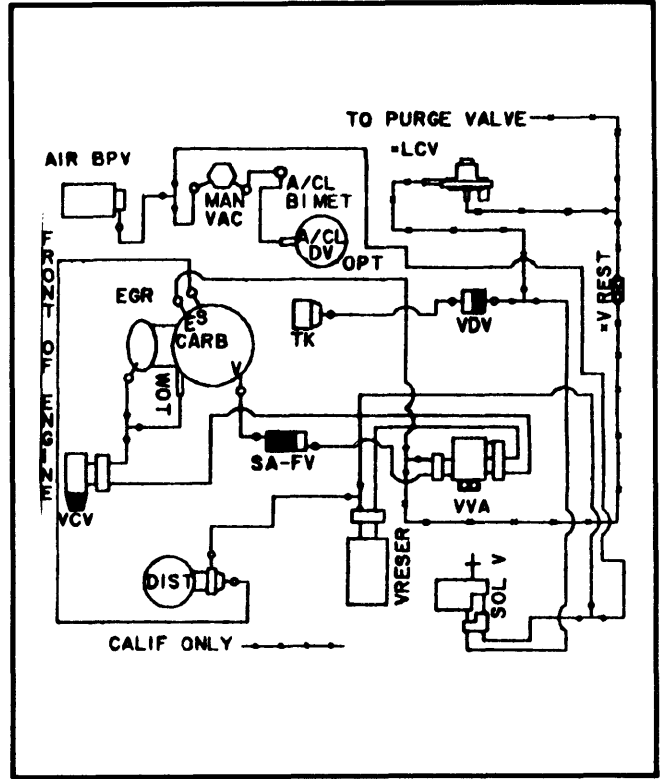


Fig. 9 300" 6 Cyl.
Calibration 9-77M-R0

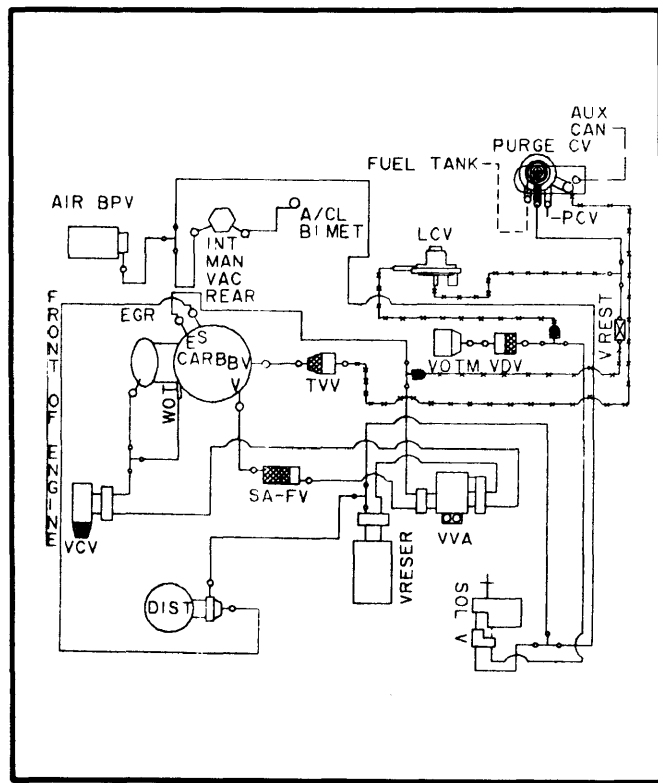


Fig. 10 300" 6 Cyl.
Calibration 9-77M-R10

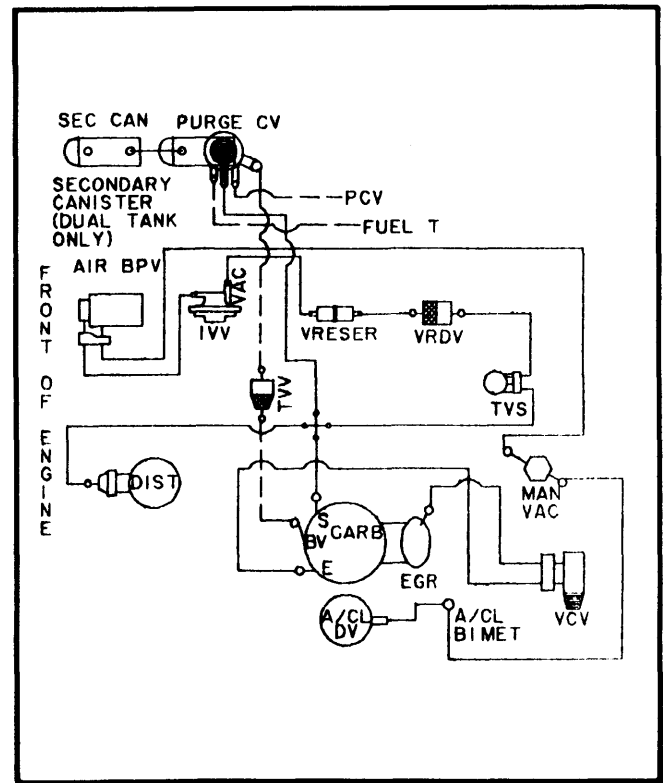


Fig. 11 302" V8
(See Vacuum Diagram Index for Calibration No.)

1975-79 EXHAUST EMISSION SYSTEMS

1979 Ford Motor Co. Vacuum Diagrams (Cont.)

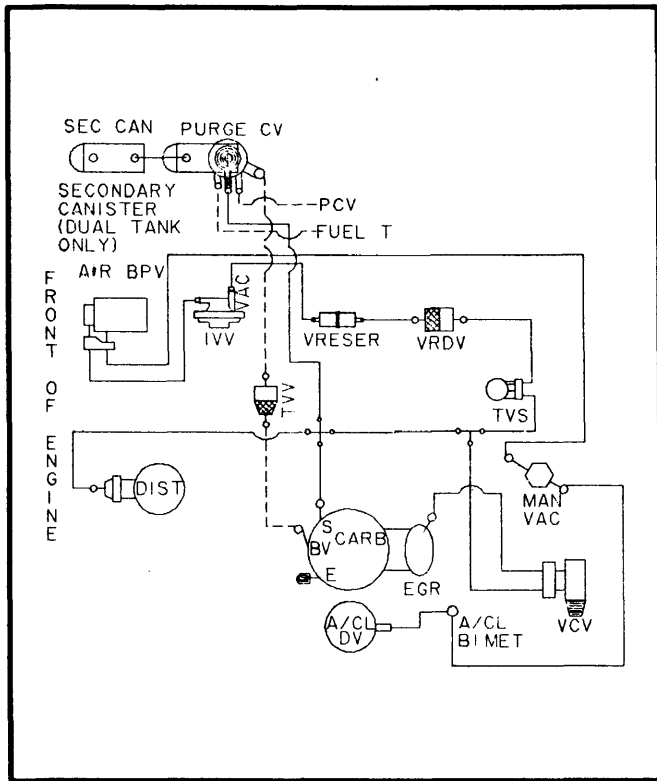


Fig. 12 302" V8
Calibration 9-53G-R12

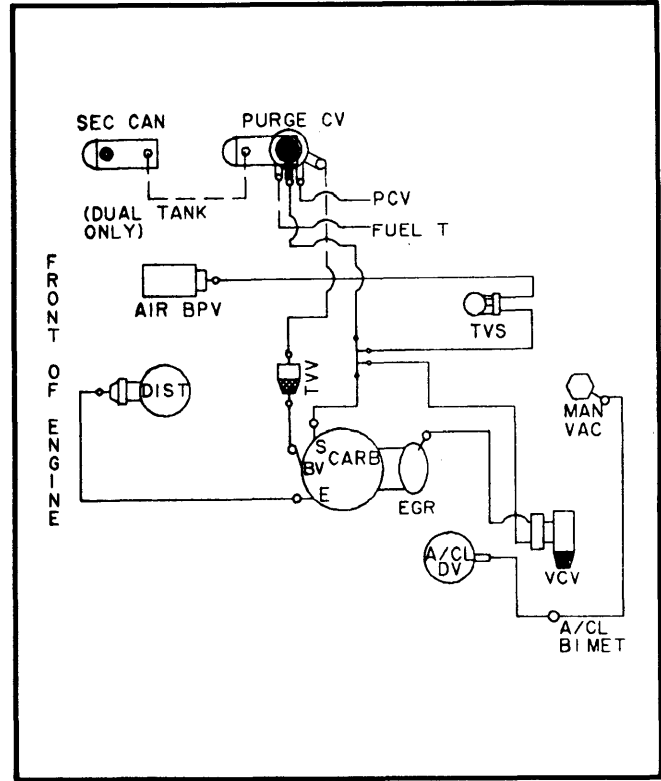


Fig. 13 302" V8
Calibration 9-54A-R0

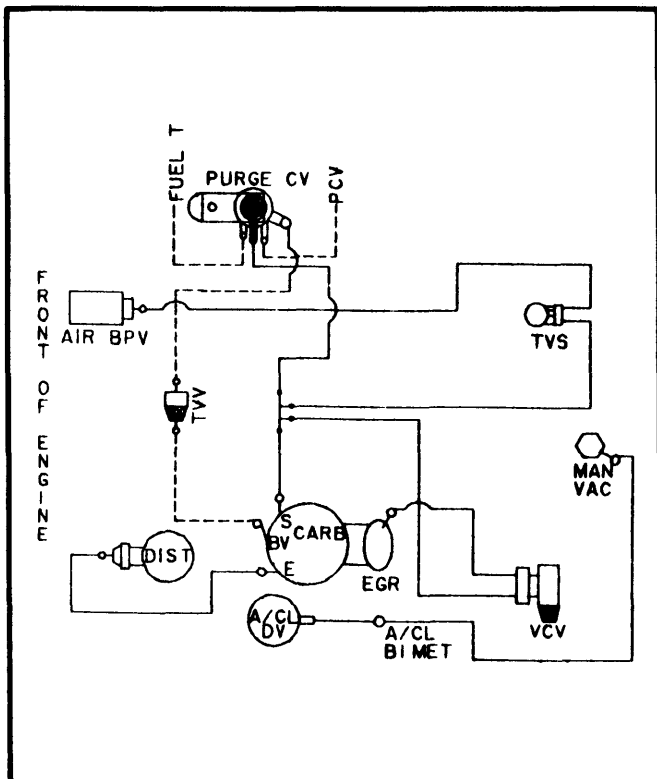


Fig. 14 302" V8
Calibration 9-54G-R0

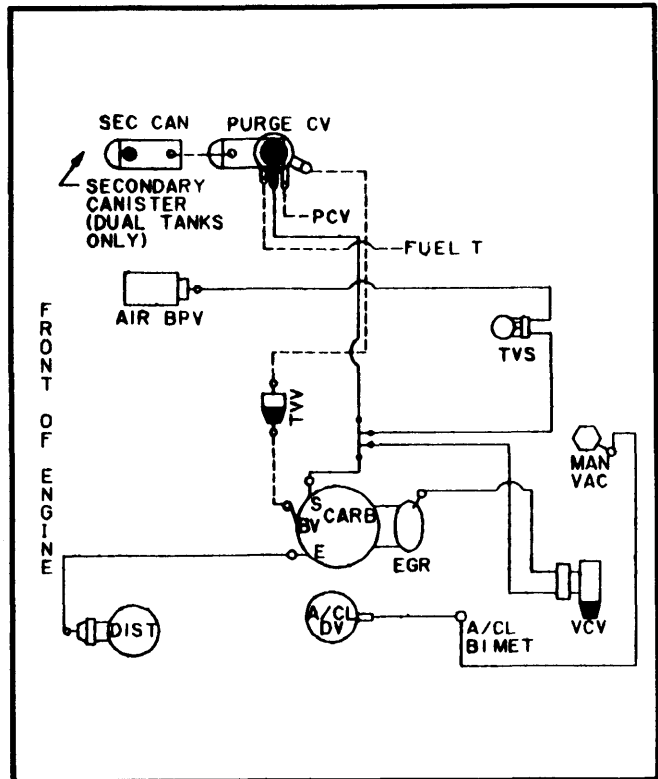


Fig. 15 302" V8
Calibration 9-54H-R0 and 9-54H-R10

1975-79 EXHAUST EMISSION SYSTEMS

1979 Ford Motor Co. Vacuum Diagrams (Cont.)

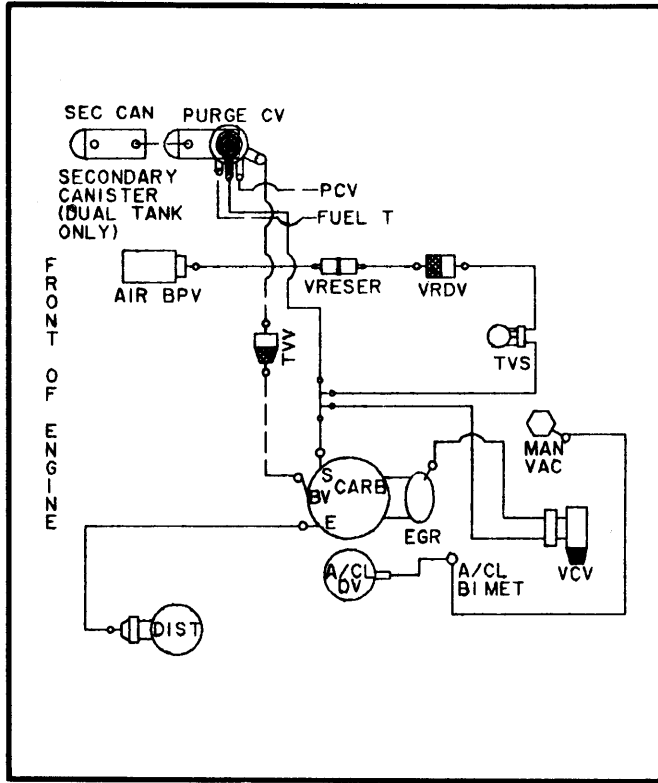


Fig. 16 302" V8
Calibration 9-54J-R1 and 9-54J-R10

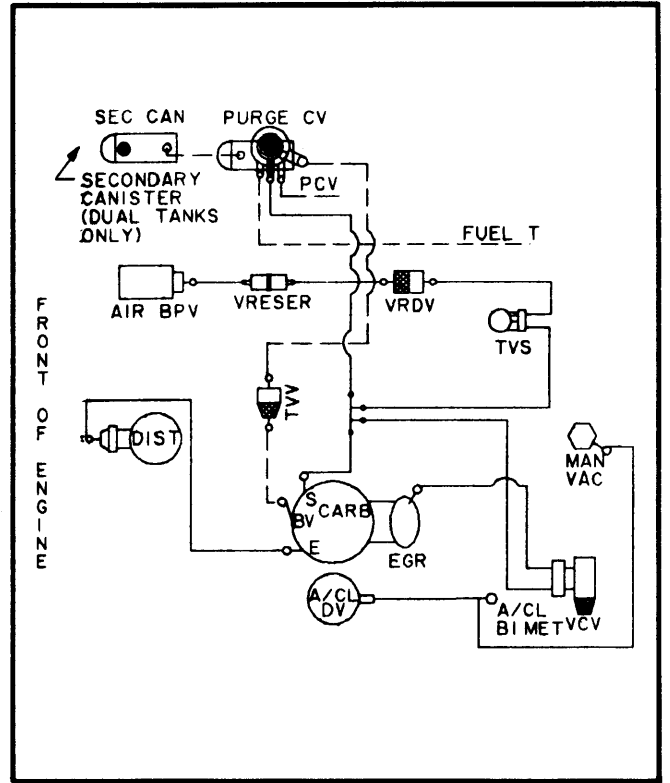


Fig. 17 302" V8
Calibration 9-54R-R0, 9-54T-R0 and 9-54T-R10

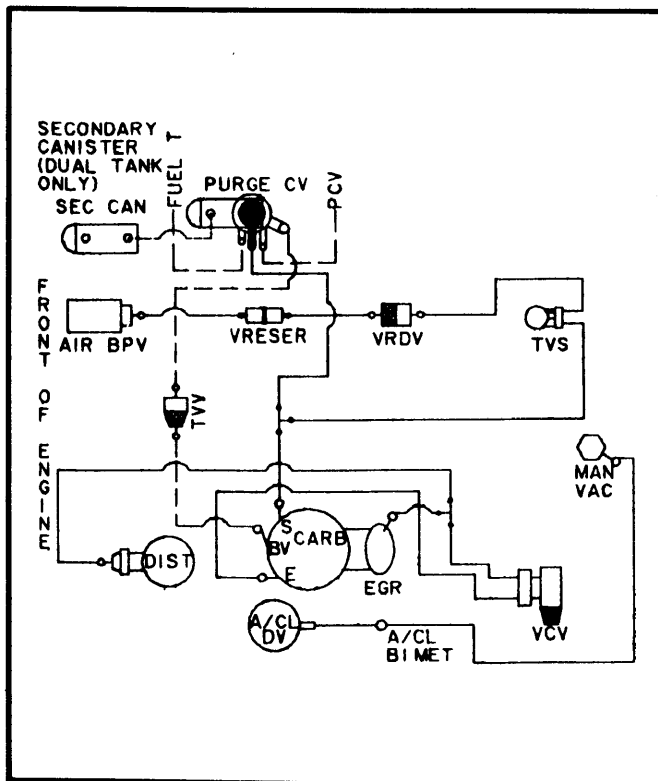


Fig. 18 302" V8
Calibration 9-54S-R0 and 9-54S-R10

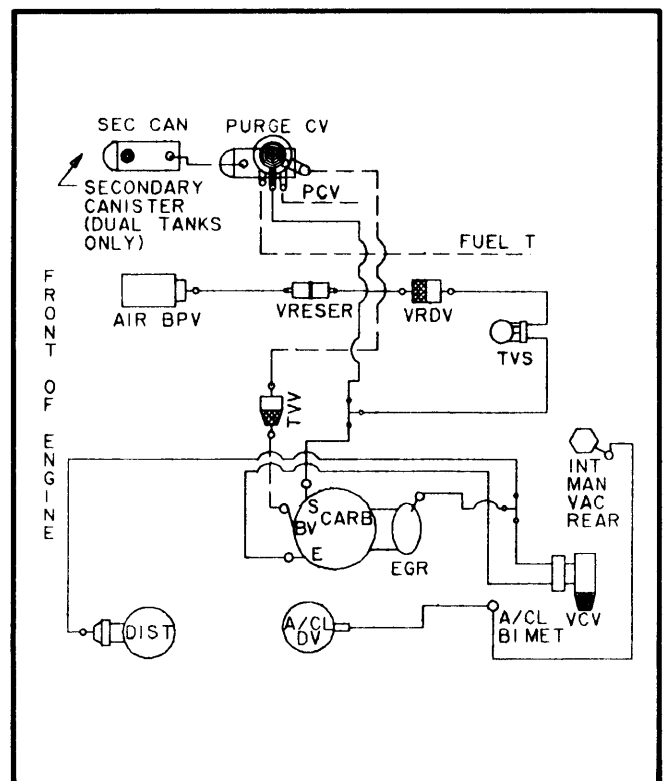


Fig. 19 302" V8
Calibration 9-54U-R0 and 9-54U-R10

1975-79 EXHAUST EMISSION SYSTEMS

1979 Ford Motor Co. Vacuum Diagrams (Cont.)

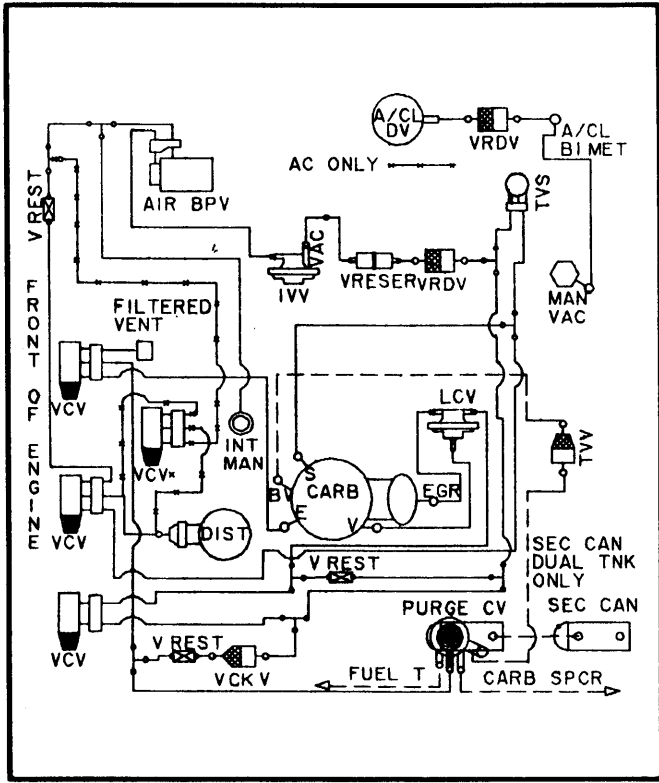


Fig. 20 351" M and 400" V8
 (See Vacuum Diagram Index for Calibration No.)

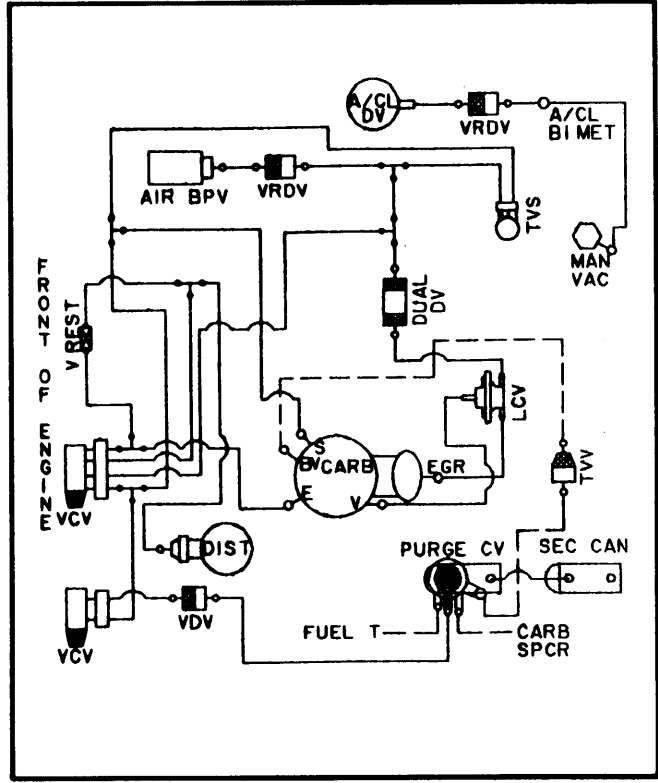


Fig. 21 351" M and 400" V8
 (See Vacuum Diagram Index for Calibration No.)

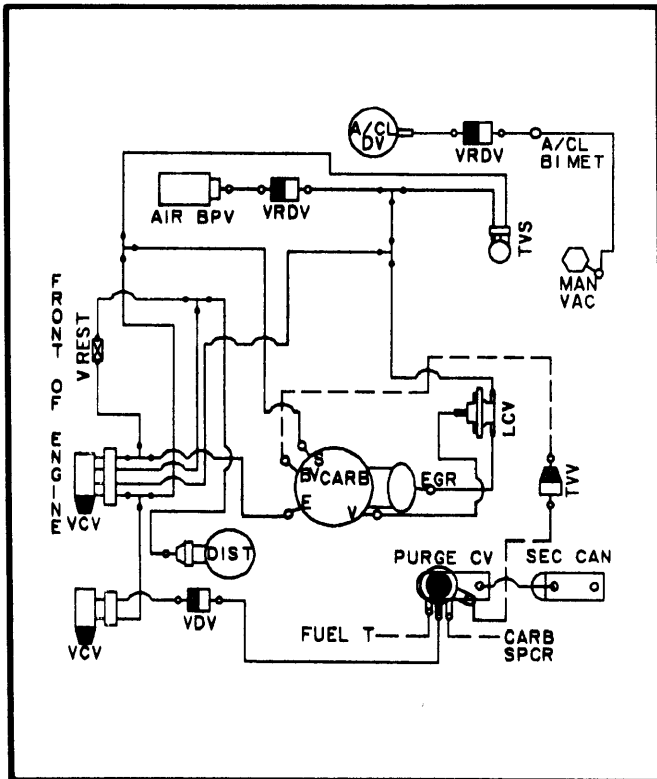


Fig. 22 351" M V8
 Calibration 9-60H-R10 and 9-60M-R10

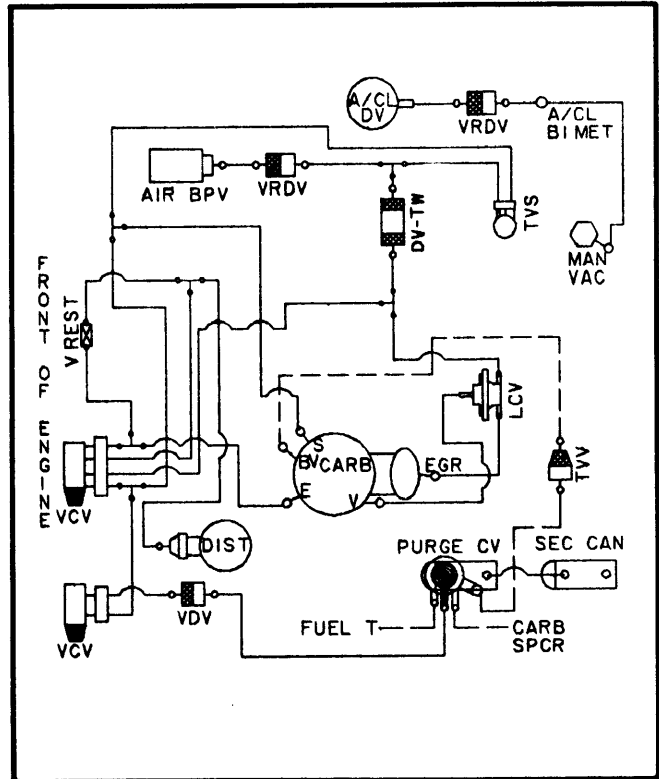


Fig. 23 351" M V8
 Calibration 9-60L-R0

1975-79 EXHAUST EMISSION SYSTEMS

1979 Ford Motor Co. Vacuum Diagrams (Cont.)

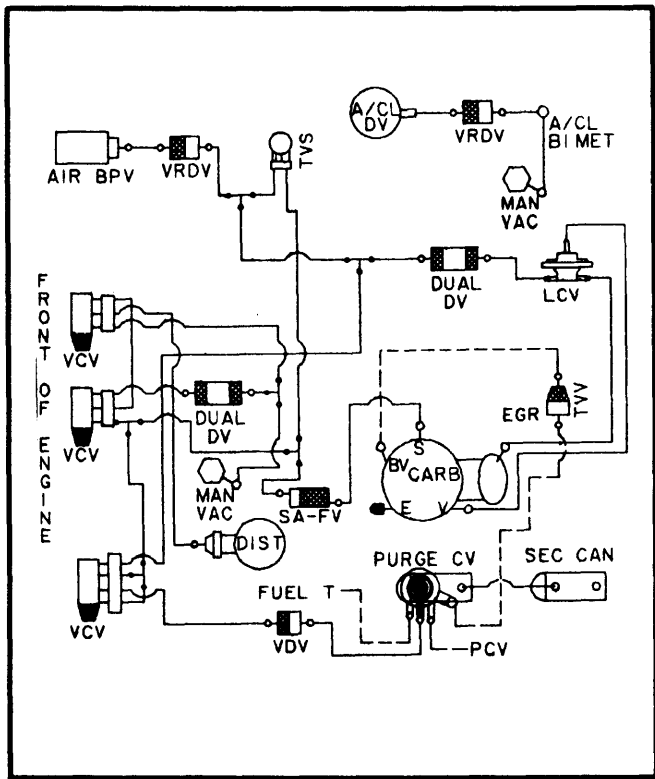


Fig. 24 351" M V8
Calibration 9-60S-R0 and 9-60S-R10

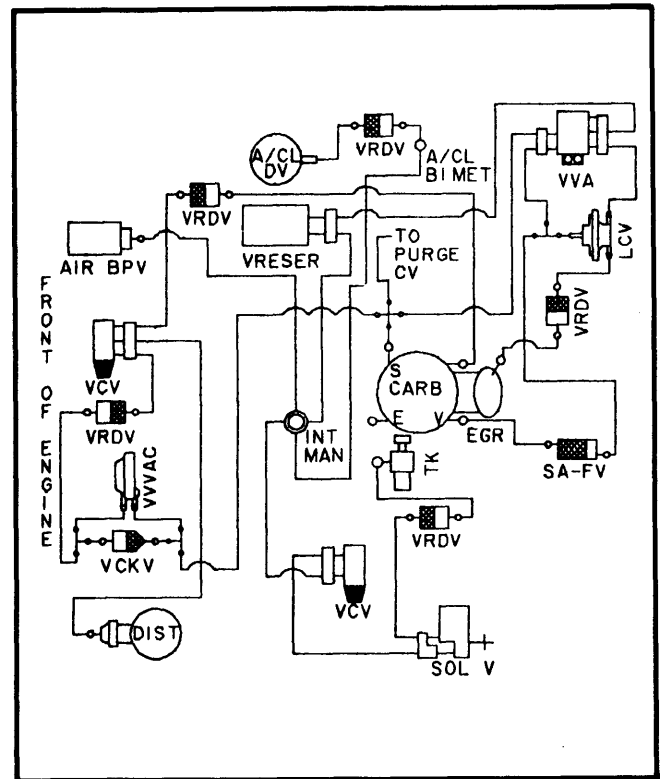


Fig. 25 351" M V8
Calibration 7-72J-R11

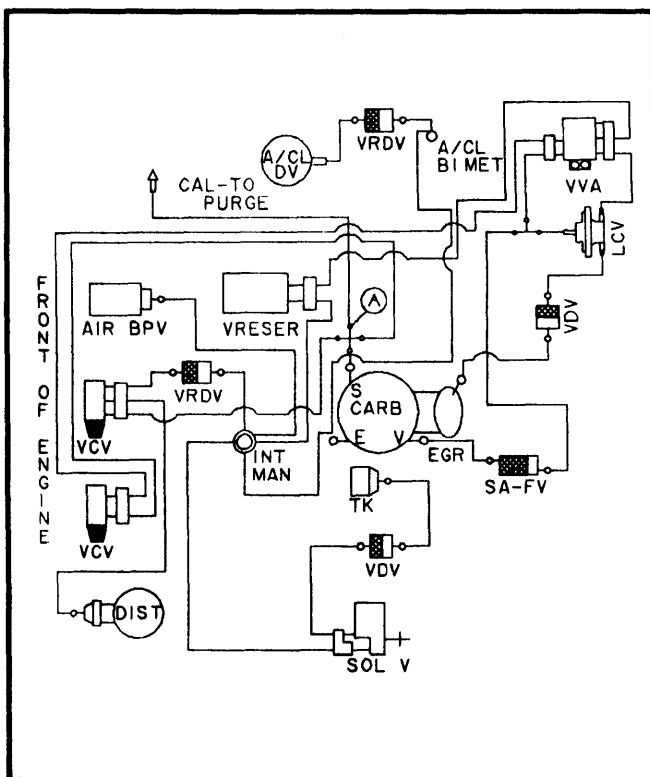


Fig. 26 351" M and 400" V8
Calibration 9-72J-R0, 9-73J-R0 and 9-74J-R0

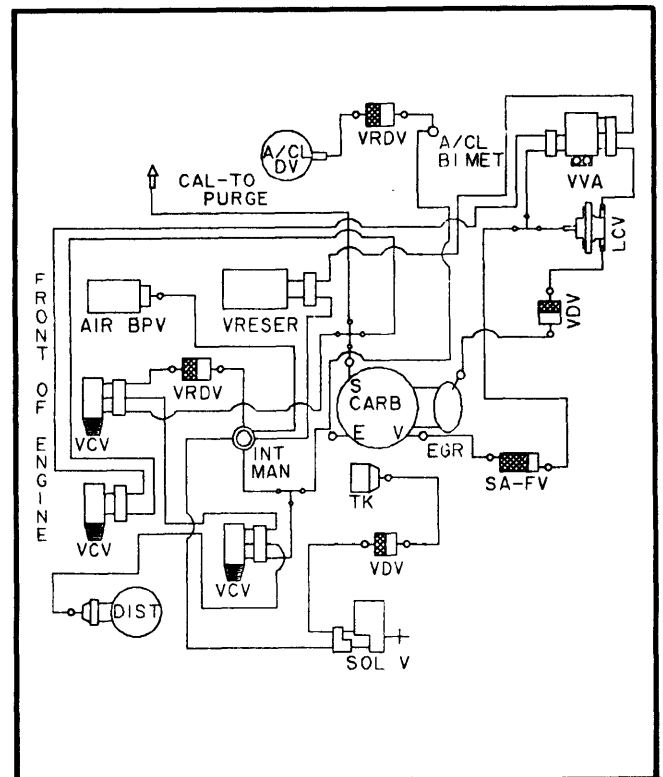


Fig. 27 351" M V8
Calibration 9-71J-R10

1975-79 EXHAUST EMISSION SYSTEMS

1979 Ford Motor Co. Vacuum Diagrams (Cont.)

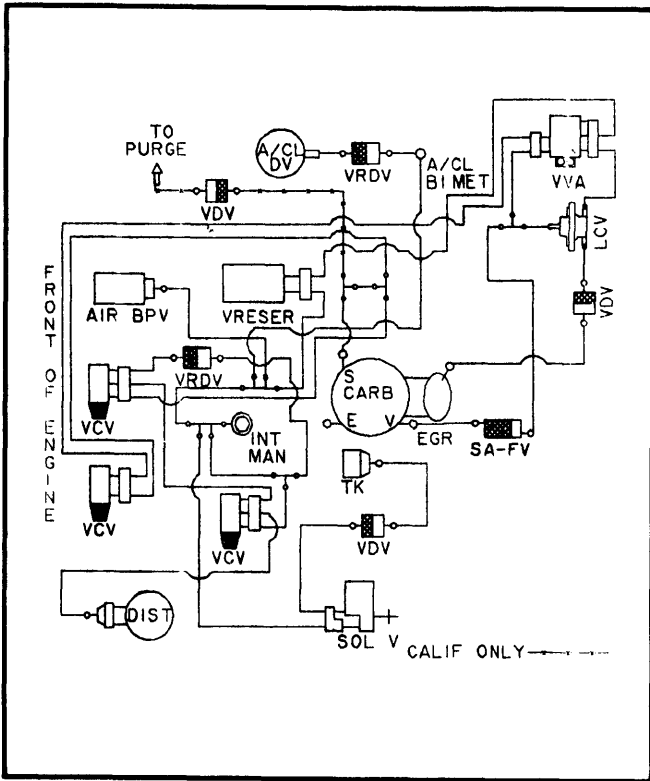


Fig. 28 351" M and 400" V8
(See Vacuum Diagram Index for Calibration No.)

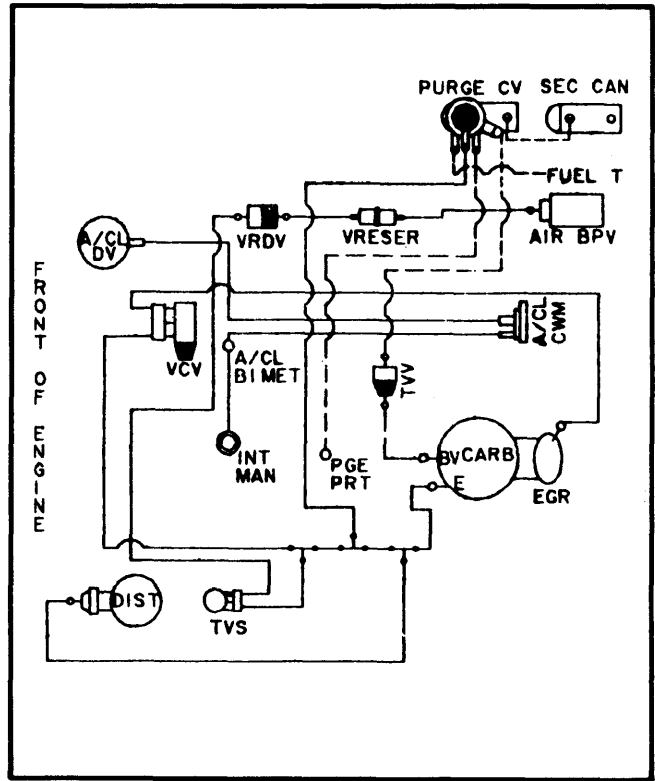


Fig. 29 351" W V8
(See Vacuum Diagram Index for Calibration No.)

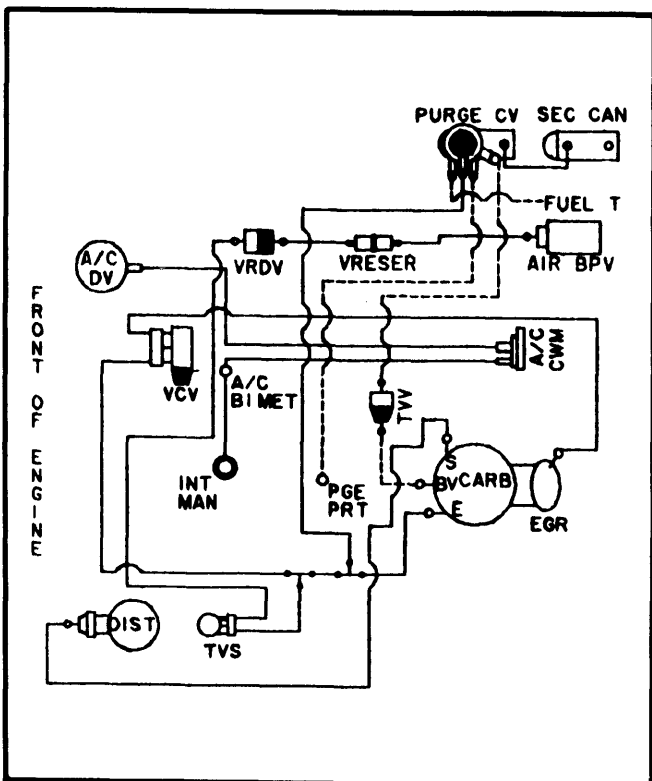


Fig. 30 351" W V8
Calibration 9-64A-R0 and 9-64G-R0

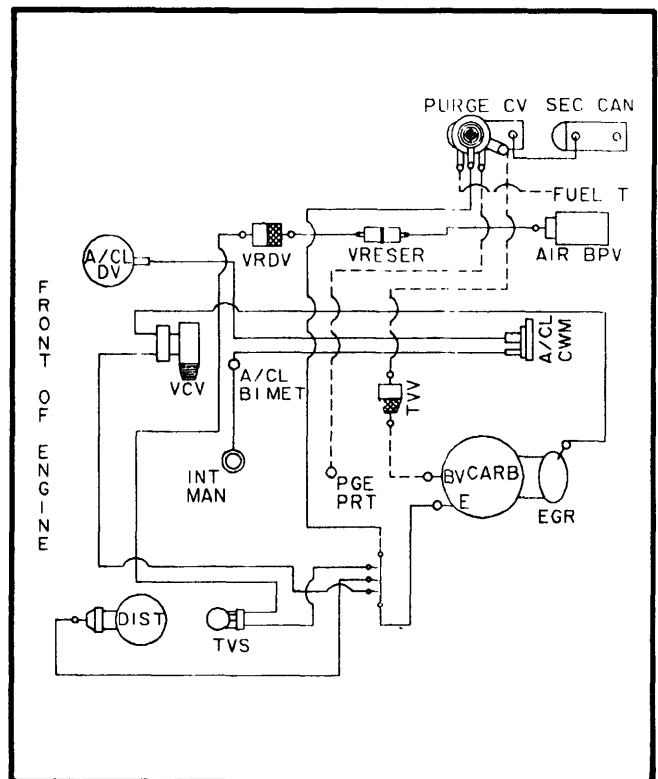


Fig. 31 351" W V8
Calibration 9-64G-R10

1975-79 EXHAUST EMISSION SYSTEMS

1979 Ford Motor Co. Vacuum Diagrams (Cont.)

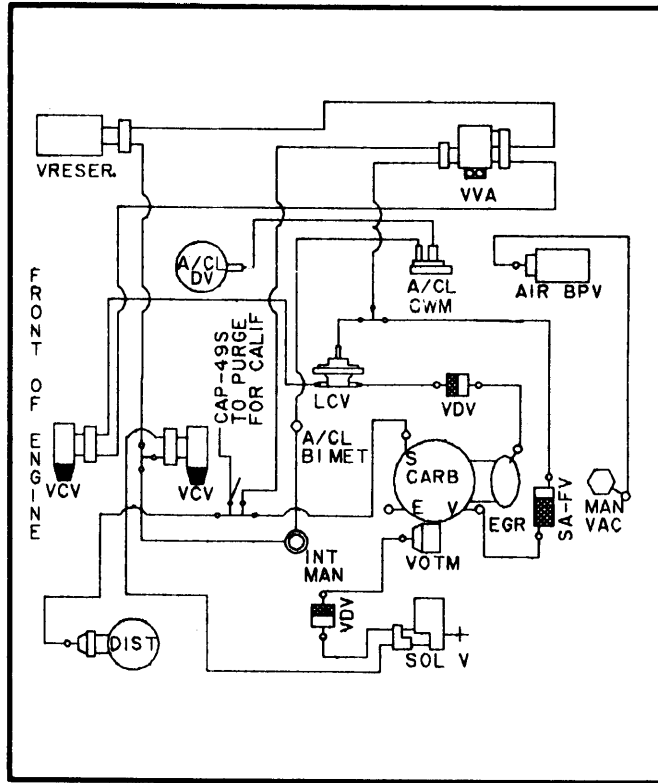


Fig. 32 351" W V8
Calibration 7-76J-R11

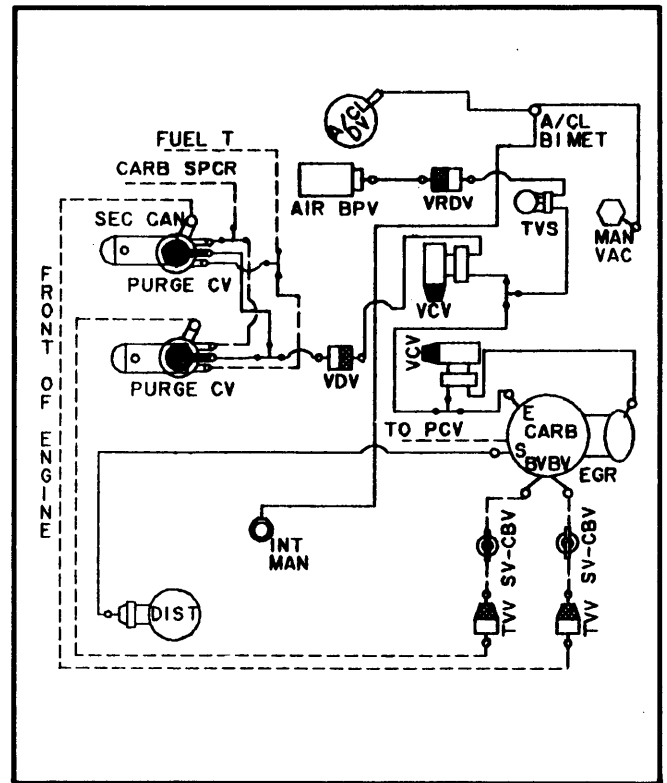


Fig. 33 460" V8
Calibration 9-66G-R0

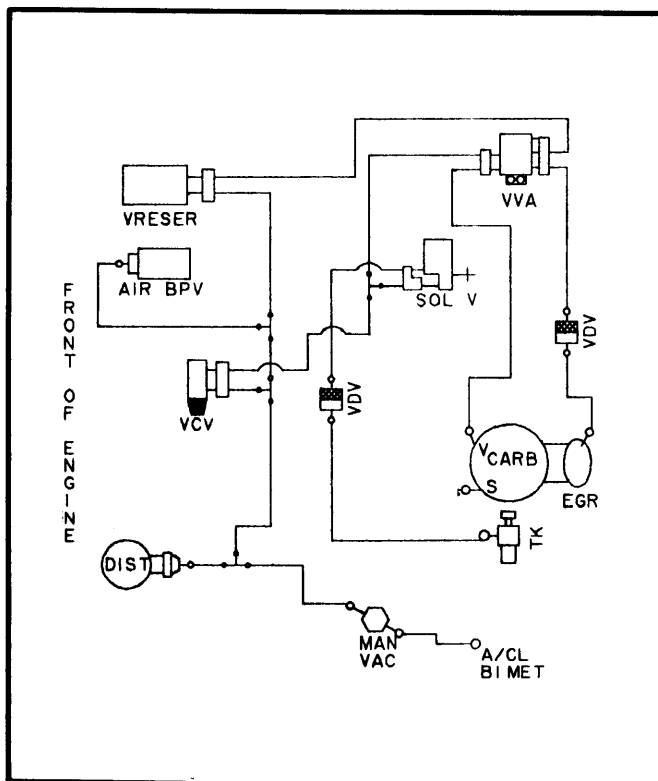


Fig. 34 460" V8
Calibration 9-97J-R0

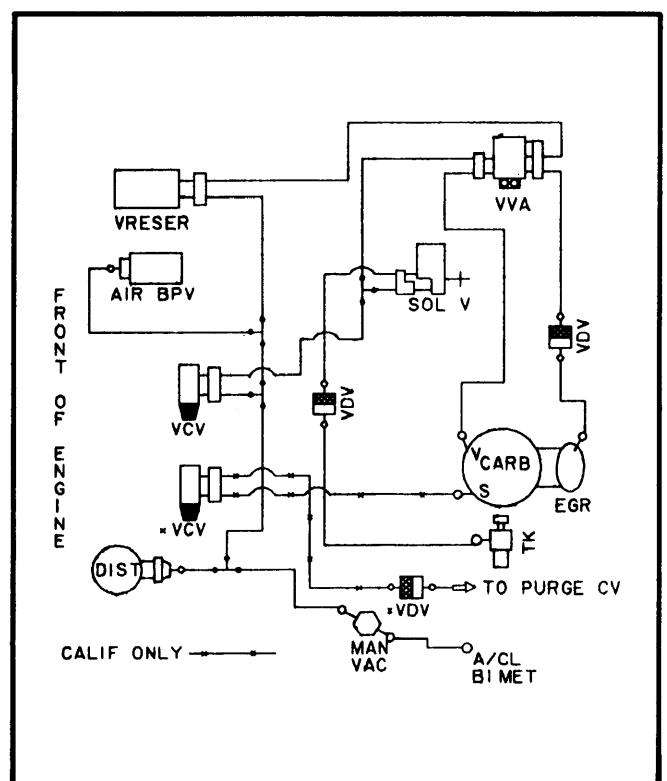


Fig. 35 460" V8
Calibration 9-97J-R10 and 9-97J-R11