

1978 EXHAUST EMISSION SYSTEMS

Ford Motor Co. Vacuum Diagram Index

3-233

FORD MOTOR CO. VACUUM DIAGRAM REFERENCE CHART						
Engine & Model	Application	Transmission	A/C	Non A/C	Calibration	Fig. No.
2.3 Liter 4 Cyl.						
Bobcat, Pinto	Fed.	Man.		X	8-2A R0	1
Bobcat, Mustang, Pinto	Fed.	Man.	X	X	8-2B R0	2
Fairmont, Zephyr	Fed.	Man.	X	X	8-2D R0	3
Bobcat, Mustang, Pinto	Fed.	Auto.	X	X	8-21B R0	4
Bobcat, Mustang, Pinto	Fed.	Auto.	X	X	8-21B R11	4
Fairmont, Zephyr	Fed.	Auto.	X	X	8-21D R0	5
Fairmont, Zephyr	Calif.	Man.	X	X	8-2M R10	6
Mustang	Calif.	Man.		X	8-2N R11	7
Bobcat, Pinto	Calif.	Man.	X	X	8-2P R0	8
Bobcat, Pinto	Calif.	Man.	X	X	8-2T R0	8
Bobcat, Pinto	Calif.	Auto.	X	X	8-1P R1	9
Mustang	Calif.	Auto.	X	X	8-1N R10	10
Bobcat, Mustang, Pinto	Hi. Alt.	All	X	X	8-1X R0	11
Bobcat, Mustang, Pinto	Hi. Alt.	All	X	X	8-2X R0	11
2.8 Liter V6						
See Note Below
200" 6 Cyl.						
Fairmont, Zephyr	Fed.	Man.	X	X	8-6A R0	12
Fairmont, Zephyr	Fed.	Auto.		X	8-7A R0	13
Fairmont, Zephyr	Fed.	Auto.		X	8-7B R0	13
Fairmont, Zephyr	Hi. Alt.	Auto.	X	X	8-7Z R2	14
250" 6 Cyl.						
Granada, Monarch	Fed.	Man.	X	X	8-8A R10	15
Granada, Monarch	Fed.	Auto.	X	X	8-29B R0	16
Granada, Monarch	Calif.	Auto.	X	X	8-9N R0	17
302" V8						
Mustang	Fed.	Man.	X	X	8-10A R0	18
Mustang	Fed.	Auto.	X	X	8-31A R0	19
Granada, Monarch	Fed.	Man.	X	X	8-10B R0	20
Versailles	Fed.	Auto.	X	X	8-11D R0	21
Granada, Monarch	Fed.	Auto.	X	X	8-11G R17	22
Fairmont, Zephyr	Fed.	Auto.	X	X	8-11M R0	23
Fairmont, Zephyr	Fed.	Auto.	X	X	8-11M R16	23
Mustang	Calif.	Auto.	X	X	8-11N R0	24
Fairmont, Zephyr	Calif.	Auto.	X	X	8-11Q R0	25
Mustang	Hi. Alt.	Auto.	X	X	8-11X R0	26
Fairmont, Zephyr	Hi. Alt.	Auto.	X	X	8-11Z R0	27
351" M V8						
Ford	Fed.	Auto.	X	X	8-14B R0	28
Ford	Fed.	Auto.	X	X	8-14B R22	28
Ford, Mercury	Fed.	Auto.	X	X	8-14B R13	29
Ford, Mercury	Fed.	Auto.	X	X	8-14B R14	29
351" W V8						
Cougar, Ford, LTD II, T-Bird	Fed.	Auto.	X	X	8-22B R0	30

NOTE — Vacuum Diagrams for 2.8 Liter V6 engines were not available from manufacturer at time of publication.

1978 EXHAUST EMISSION SYSTEMS

Ford Motor Co. Vacuum Diagram Index (Cont.)

FORD MOTOR CO. VACUUM DIAGRAM REFERENCE CHART						
Engine & Model	Application	Transmission	A/C	Non A/C	Calibration	Fig. No.
400" V8 Cougar, Ford, LTD II, Lincoln, Mark V, Merc., T-Bird Cougar, Ford, LTD II, Lincoln, Mark V, Merc., T-Bird	Calif.	Auto.	X	X	8-17P R0	31
	Hi. Alt.	Auto.	X	X	8-17X R0	32
460" V8 Ford, Lincoln, Mark V, Mercury	Fed.	Auto.	X	X	8-19A R1	33

HOW TO USE THE CALIBRATION SHEETS

To find the engine calibration and revision level on a vehicle, refer to the engine identification label (not the colored exhaust emission decal). This identification label is located at the rear of the left rocker cover (V6 and V8 engines) or the front of the rocker cover on four and six cylinder engines.

D.S.O. ENGINE CODE LABEL IDENTIFICATION CHART

POSITION - 1	POSITION - 2	POSITION - 3, 4, 5
YEAR		
0	S - PASSENGER	DSO ENGINE CODE TAKE OFF FROM THIS BASE ENGINE CODE.
1	T - LIGHT & MEDIUM TRUCK	
2	U - HEAVY TRUCK	
3	V - PARCEL DELIVERY	
4	W - EXPORT	
5	X - INDUSTRIAL (U.S.)	
6	Y - INDUSTRIAL MARINE (U.S.)	
7	Z - INDUSTRIAL (CANADA)	
8		
9		

POSITION - 6, 7

ORDER'S DESIGN AND CALIBRATION REVISION LEVEL.

ENGINE CODE LABEL IDENTIFICATION CHART

YEAR	50 S	49 S	CANADA	CALIF.					
0	0	A	L	S	A	B	C	D	E
1	1	B	M	T	F	G	H	I	J
2	2	C	N	U	K	L	M	N	O
3	3	D	P	W	P	Q	R	S	T
4	4	E	R	X	U	V	W	X	Y
5	5	F	L	S	Z				
6	6	G	M	T					
7	7	H	N	U					
8	8	J	P	W					
9	9	K	R	X					

BASE DISPLACEMENT VEHICLE APPLICATION INERTIA WEIGHT AXLE RATIO TRANSMISSION

DESIGN LEVEL A - USED TO INDICATE INITIAL RELEASE

CALIB & REVISION LEVEL A - USED TO INDICATE INITIAL RELEASE

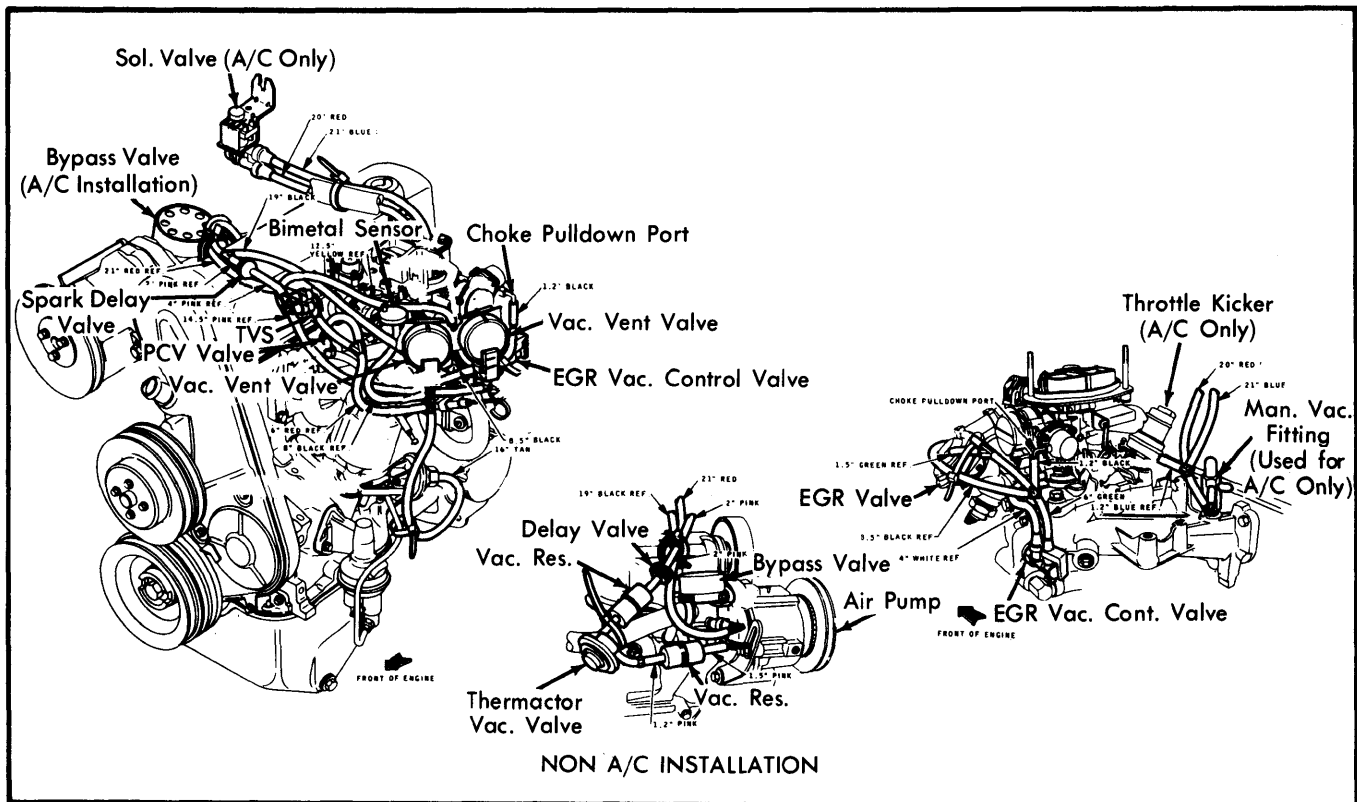
(PLANT OPTION) DENOTES CARB & DIST. USED ON ENGINE

CALIBRATION NUMBER

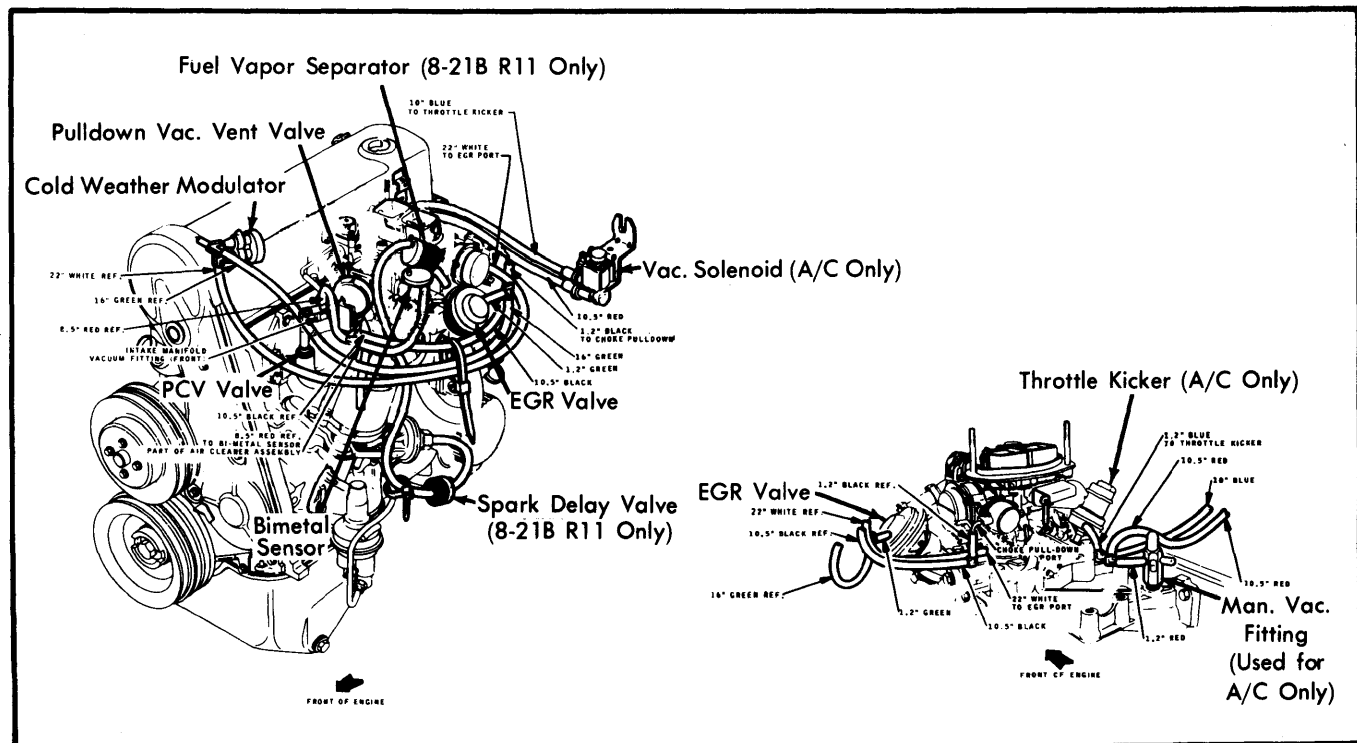
REVISION LEVEL

SERVICE LEVEL (CONTROLLED BY INDIVIDUAL PLANTS)

1978 EXHAUST EMISSION SYSTEMS Ford Motor Co. Vacuum Diagrams (Cont.)



**Fig. 3 Calibration 8-2D RO; 2.3L; Federal; Man. Trans.
(Fairmont & Zephyr)**



**Fig. 4 Calibration 8-21B RO & 8-21B R11; 2.3L; Federal; Auto. Trans.
(Pinto, Bobcat & Mustang)**

1978 EXHAUST EMISSION SYSTEMS

Ford Motor Co. Vacuum Diagrams (Cont.)

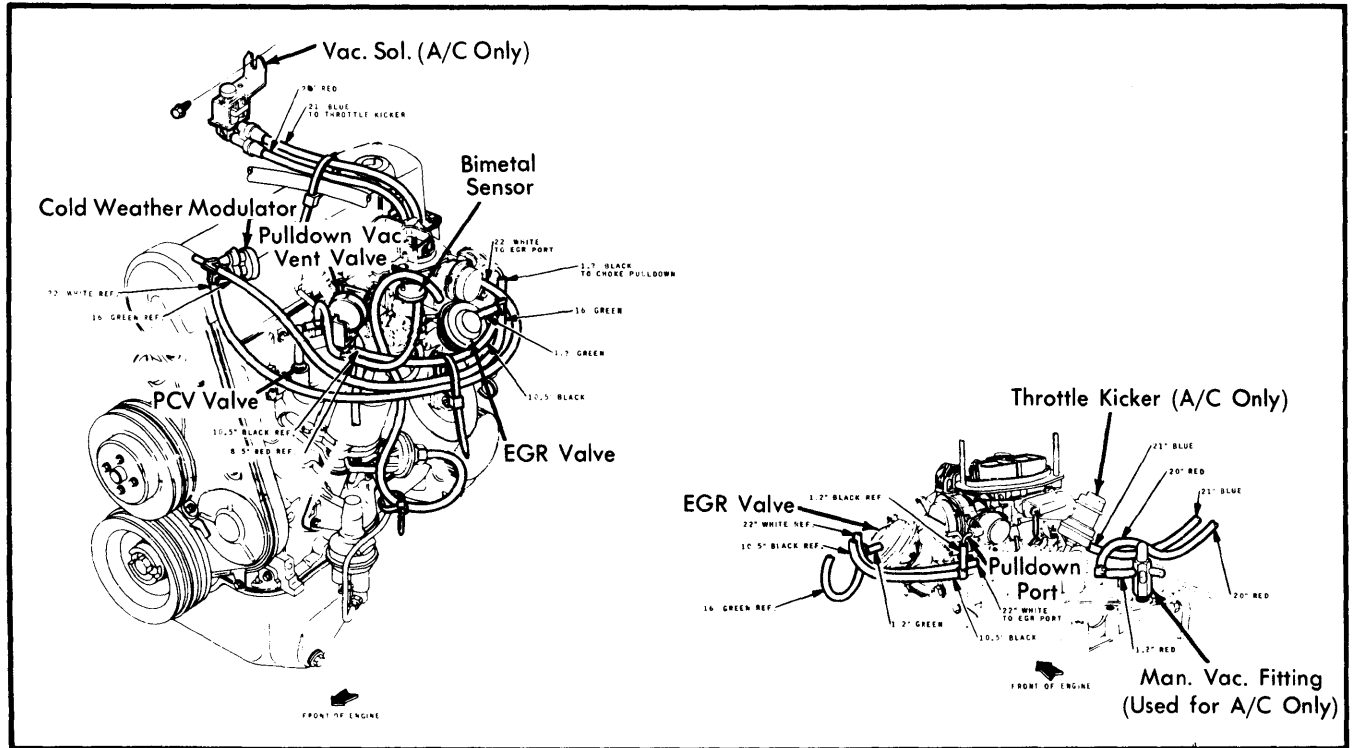


Fig. 5 Calibration 8-21D R0; 2.3L; Federal; Auto. Trans. (Fairmont & Zephyr)

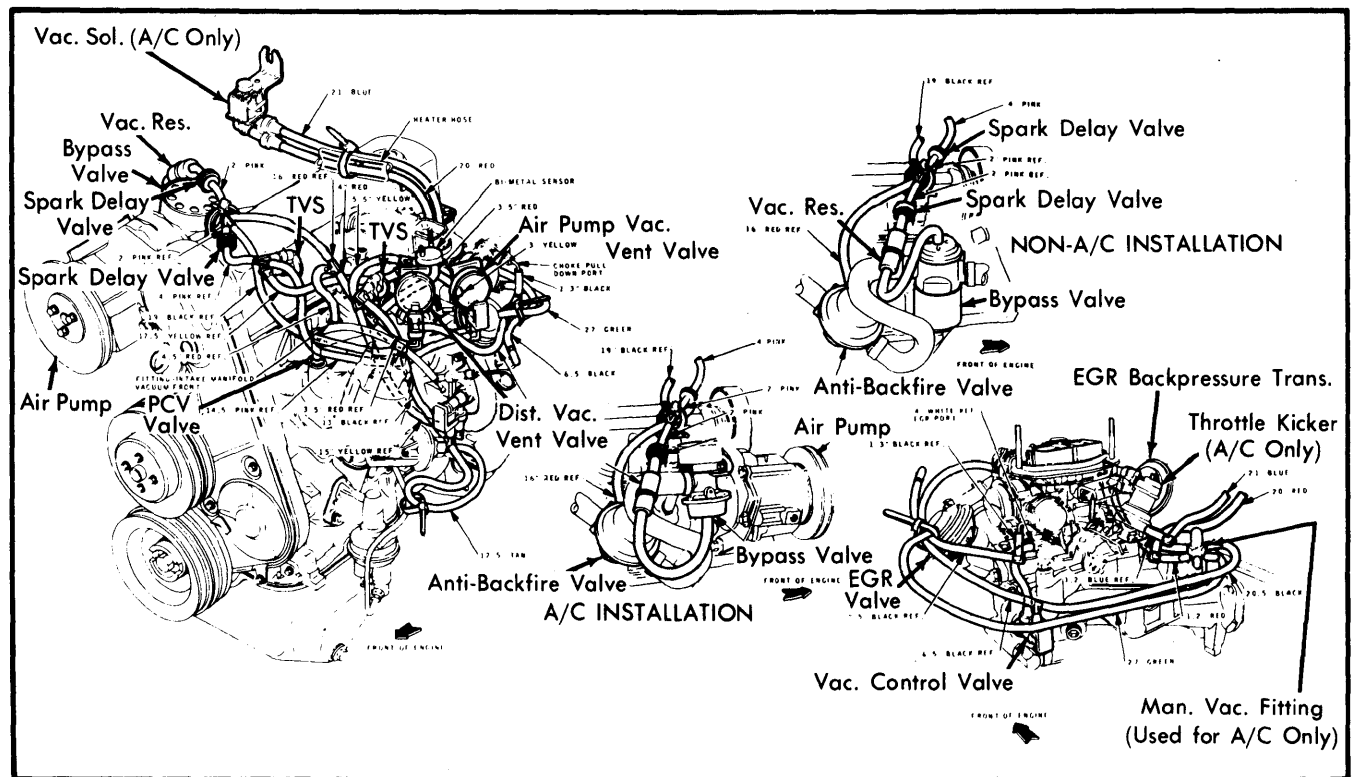
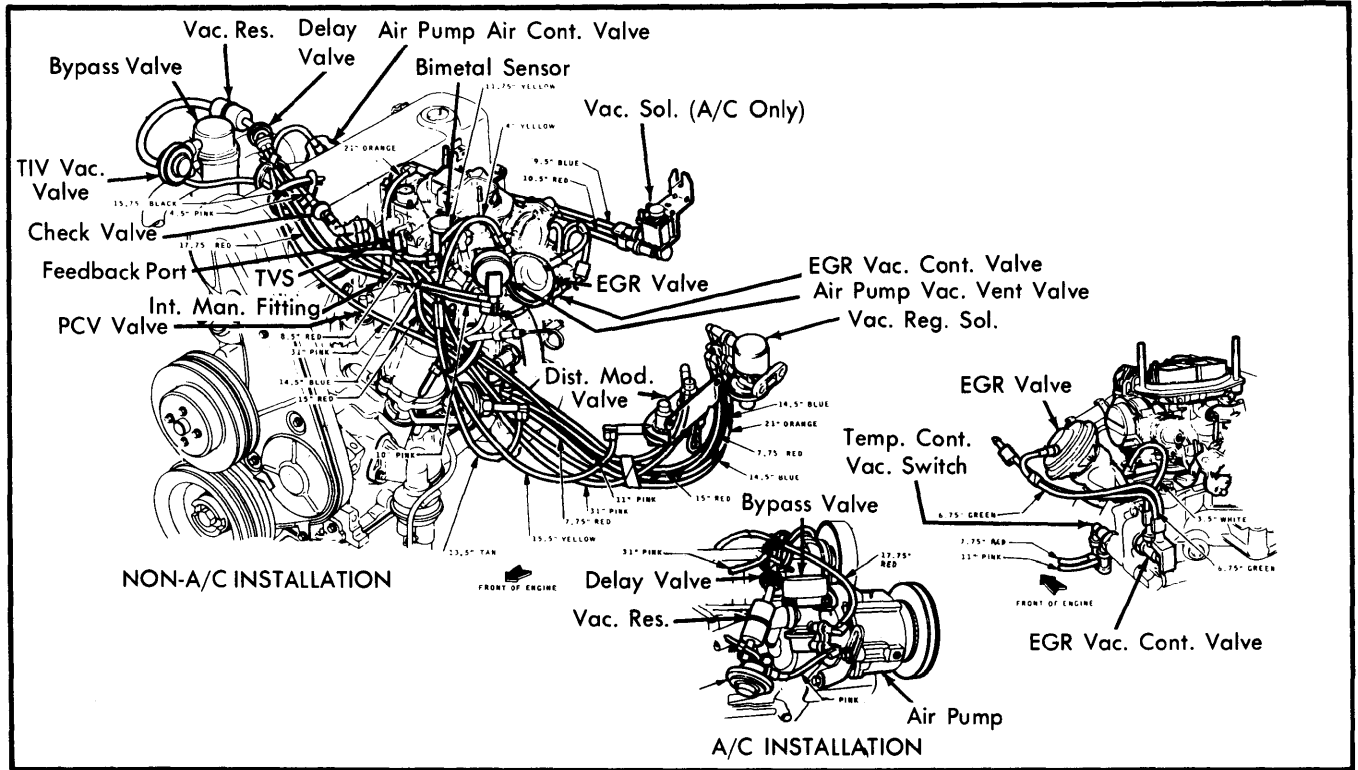
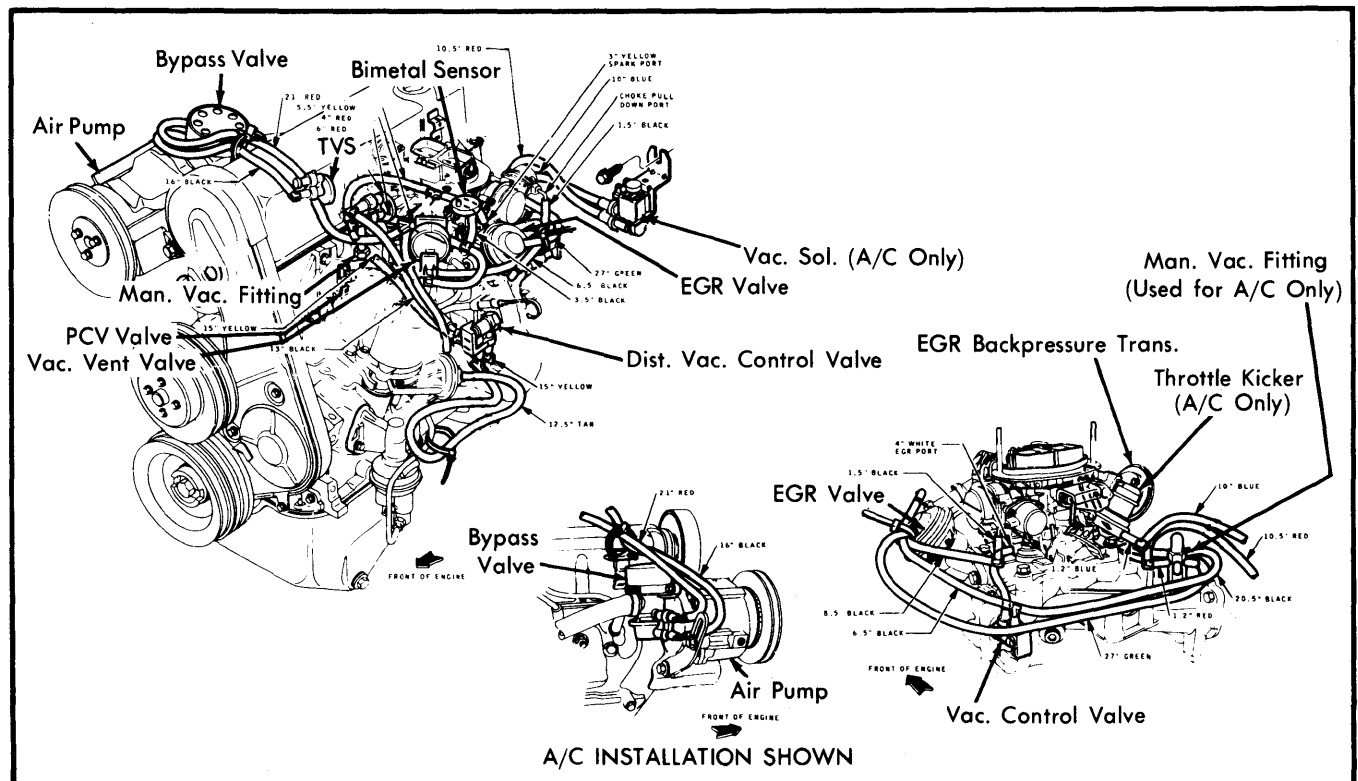


Fig. 6 Calibration 8-2M R10; 2.3L; Calif.; Man. Trans. (Fairmont & Zephyr)

1978 EXHAUST EMISSION SYSTEMS Ford Motor Co. Vacuum Diagrams (Cont.)



**Fig. 9 Calibration 8-1P R1; 2.3L; Calif.; Auto. Trans.;
Feedback Carb. Electronic Engine Control (Pinto & Bobcat)**



**Fig. 10 Calibration 8-1N R10; 2.3L; Calif.; Auto. Trans.
(Mustang)**

1978 EXHAUST EMISSION SYSTEMS Ford Motor Co. Vacuum Diagrams (Cont.)

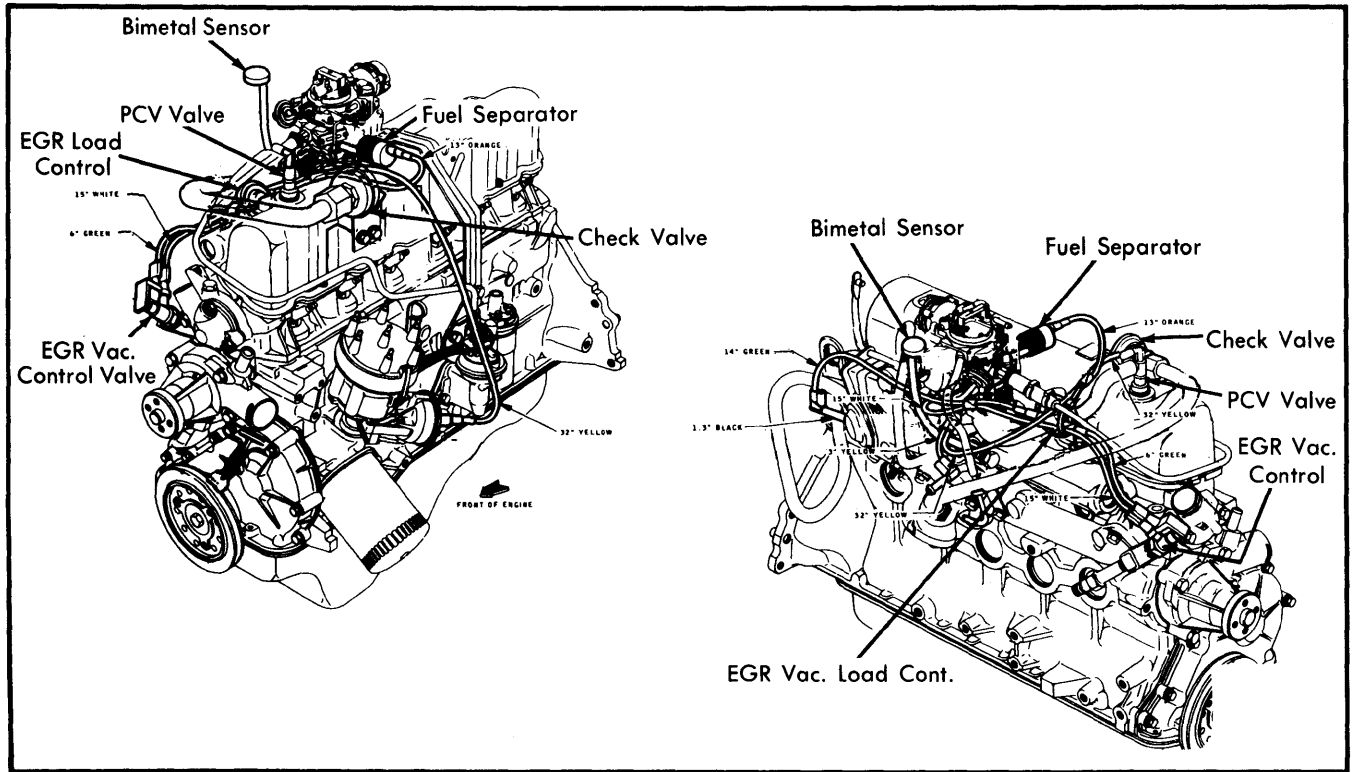


Fig. 13 Calibration 8-7A R0 & 8-7B R0; 200"; Federal; Auto. Trans. Non-A/C (Fairmont & Zephyr)

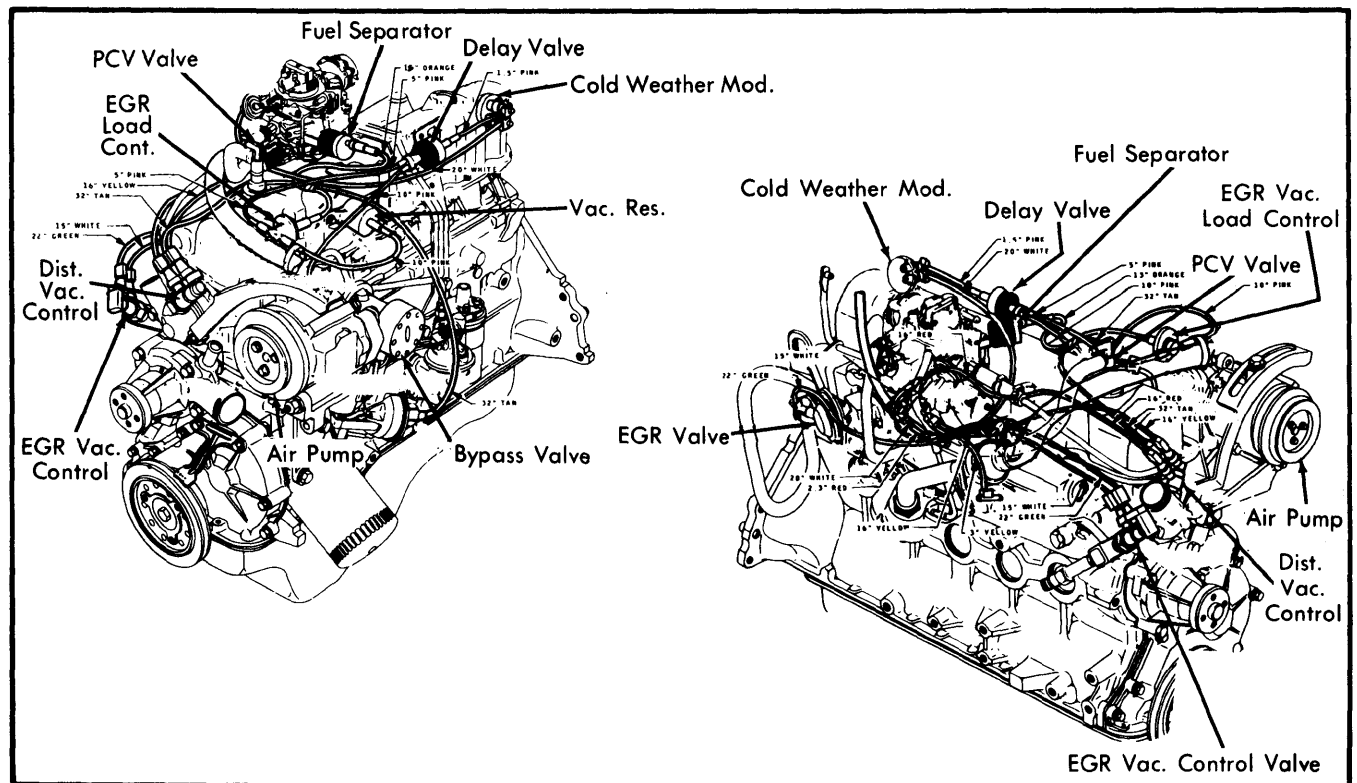


Fig. 14 Calibration 8-7Z R2; 200"; High Altitude; Auto. Trans. (Fairmont & Zephyr)

1978 EXHAUST EMISSION SYSTEMS Ford Motor Co. Vacuum Diagrams (Cont.)

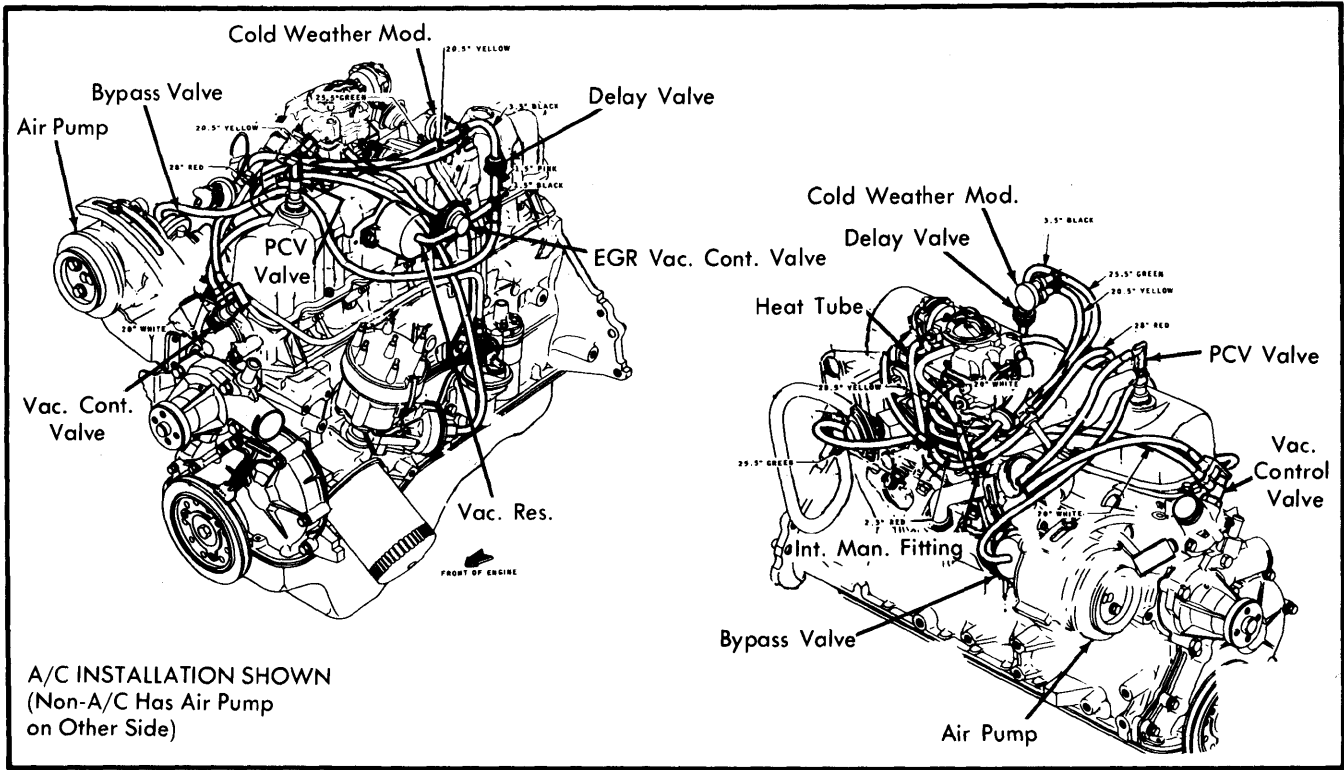


Fig. 15 Calibration 8-8A R10; 250"; Federal; Man. Trans. (4 Spd.)
(Granada & Monarch)

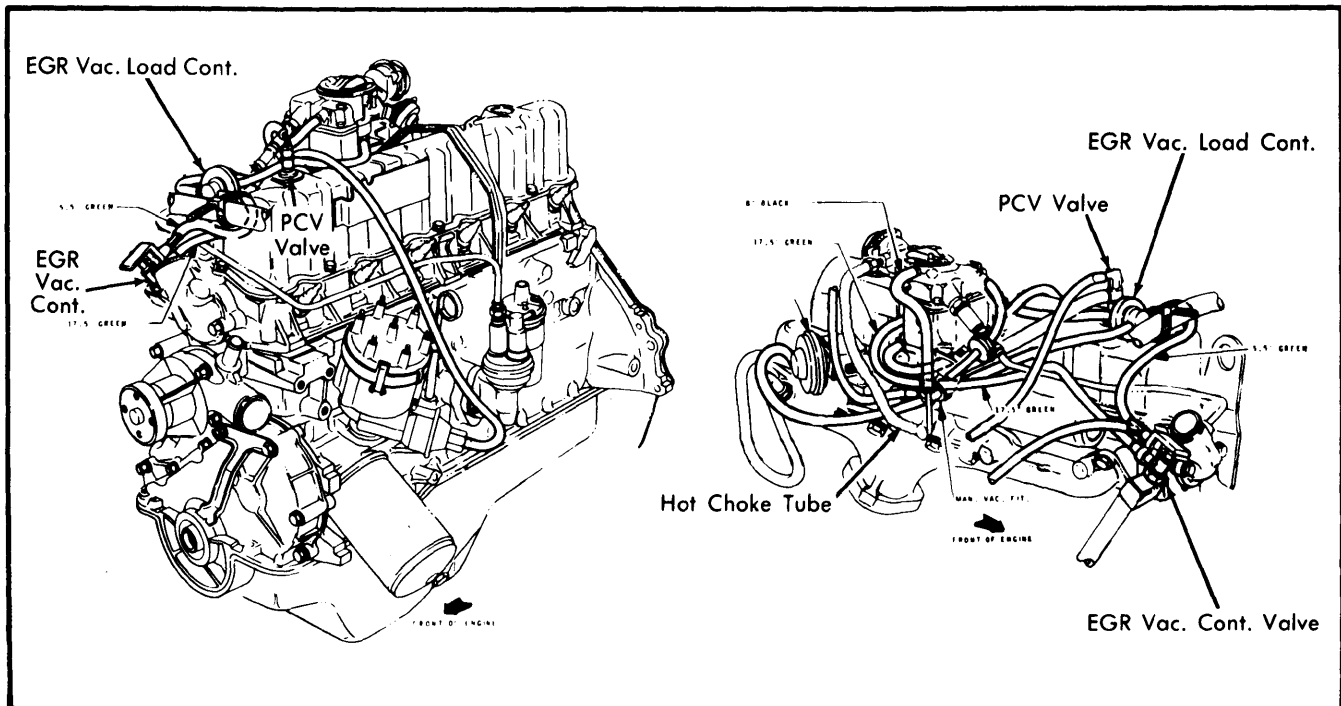


Fig. 16 Calibration 8-29B R0; 250"; Federal; Auto. Trans.
(Granada & Monarch)

1978 EXHAUST EMISSION SYSTEMS Ford Motor Co. Vacuum Diagrams (Cont.)

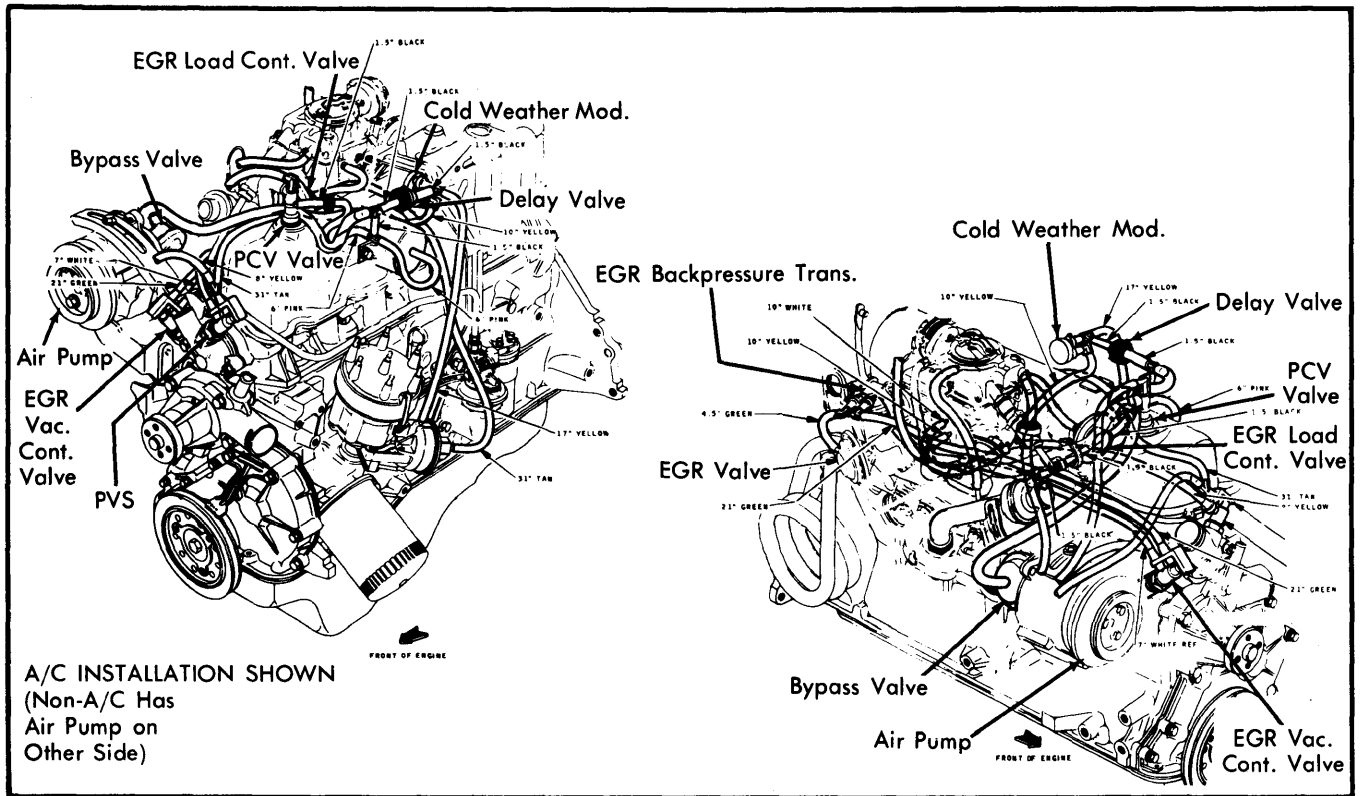


Fig. 17 Calibration 8-9N R0; 250"; Calif.; Auto. Trans. (Granada & Monarch)

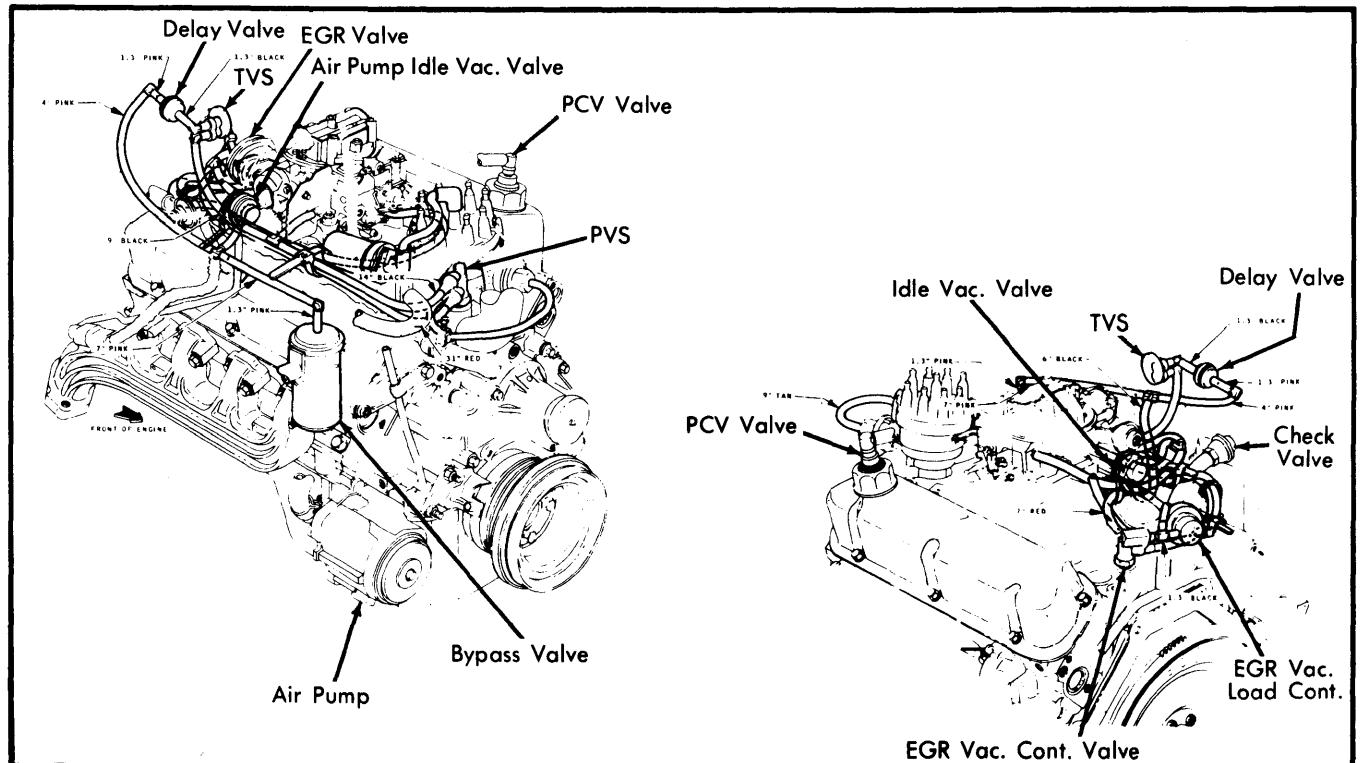


Fig. 18 Calibration 8-10A R0; 302"; Federal; Man. Trans. (Mustang)

1978 EXHAUST EMISSION SYSTEMS Ford Motor Co. Vacuum Diagrams (Cont.)

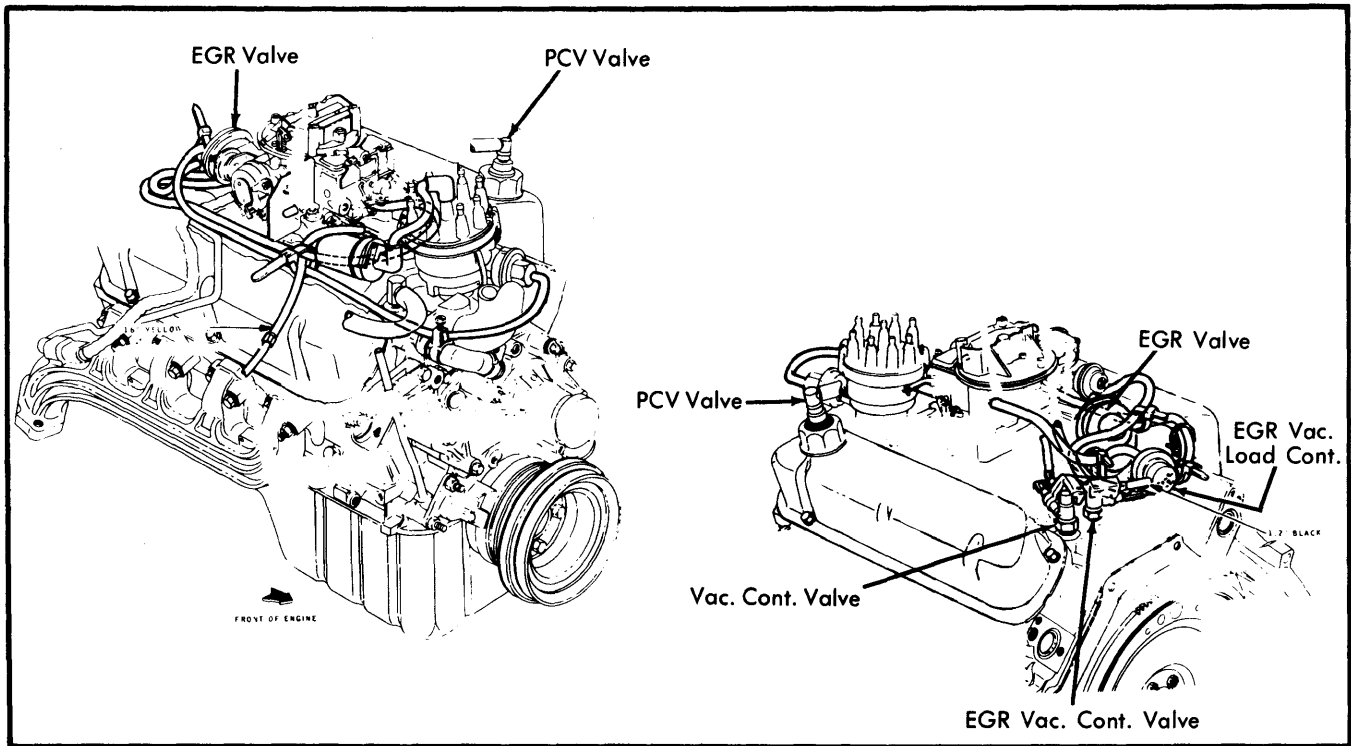


Fig. 19 Calibration 8-31A R0; 302"; Federal; Auto. Trans.
(Mustang)

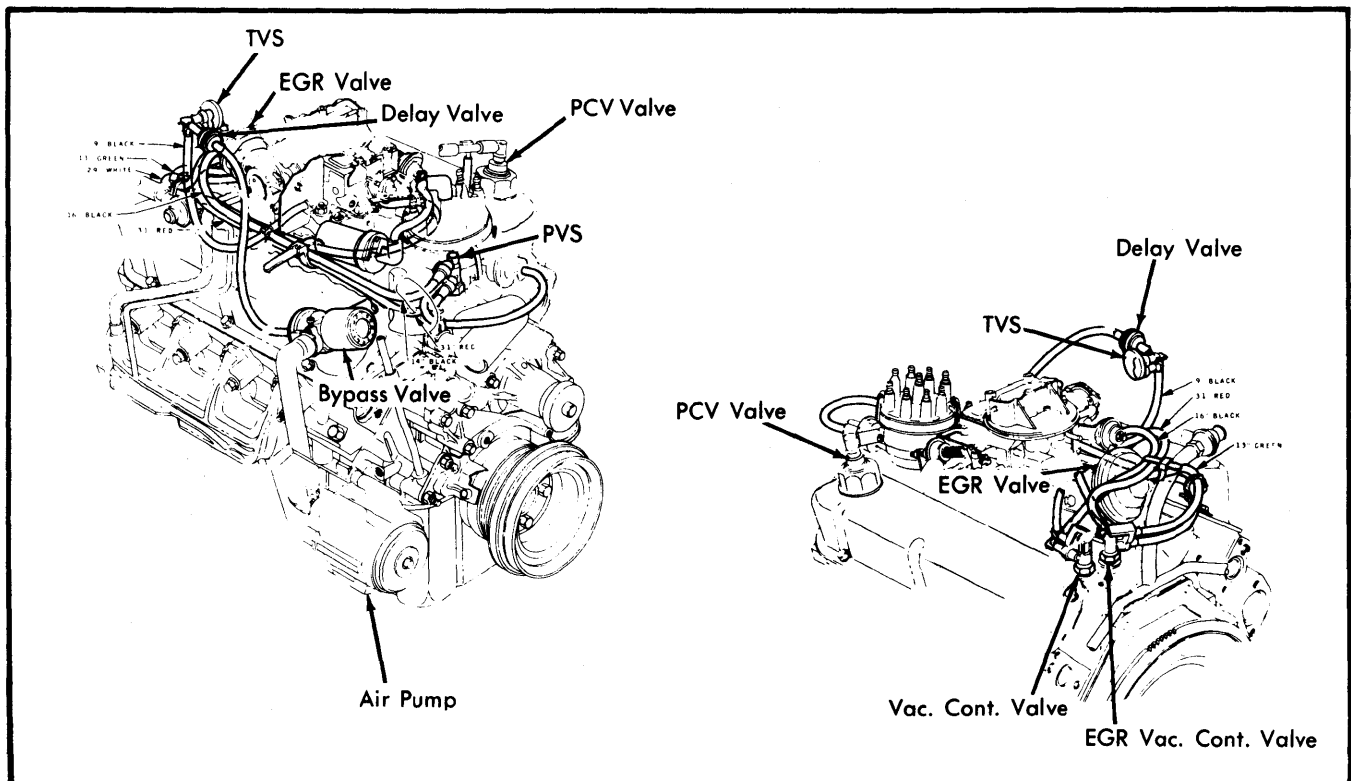


Fig. 20 Calibration 8-10B R0; 302"; Federal; Man. Trans.
(Granada & Monarch)

1978 EXHAUST EMISSION SYSTEMS Ford Motor Co. Vacuum Diagrams (Cont.)

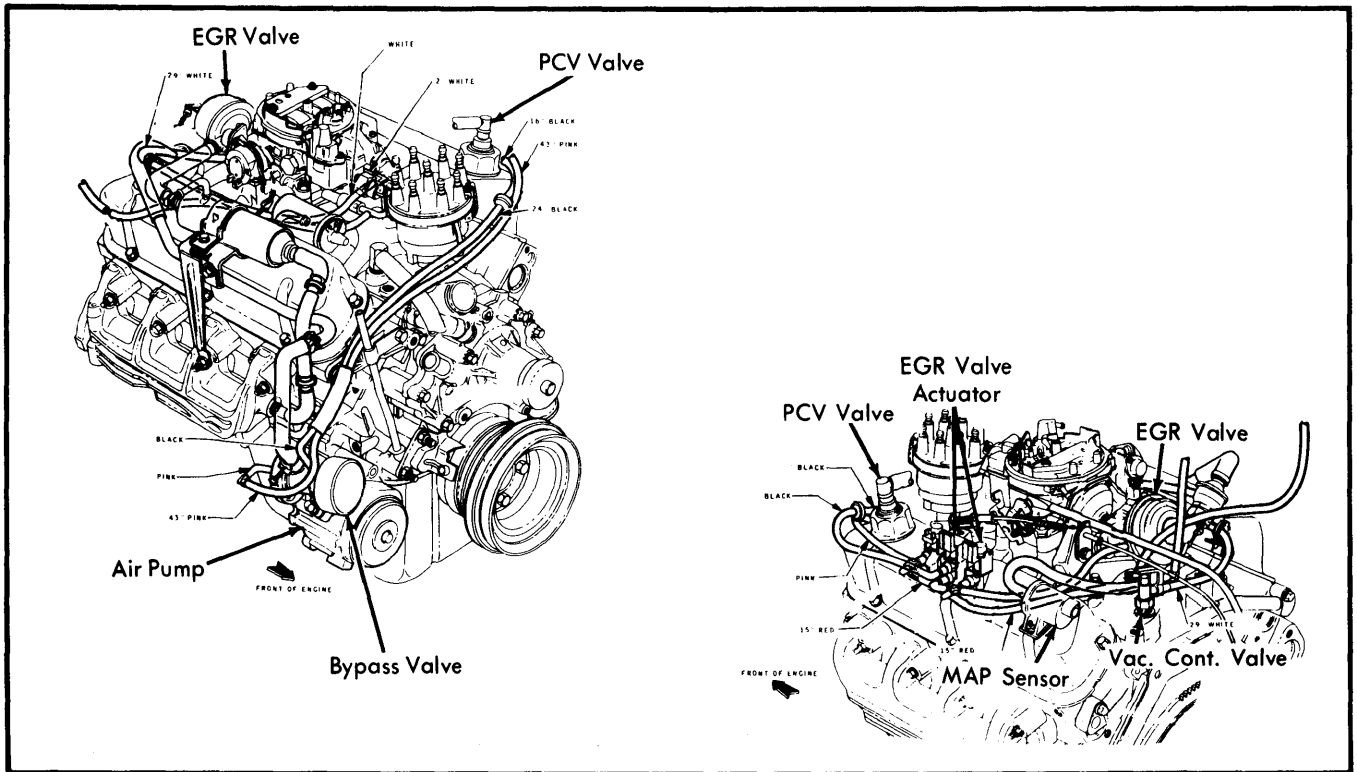


Fig. 21 Calibration 8-11D R0; 302"; Federal; Auto. Trans.
(Versailles)

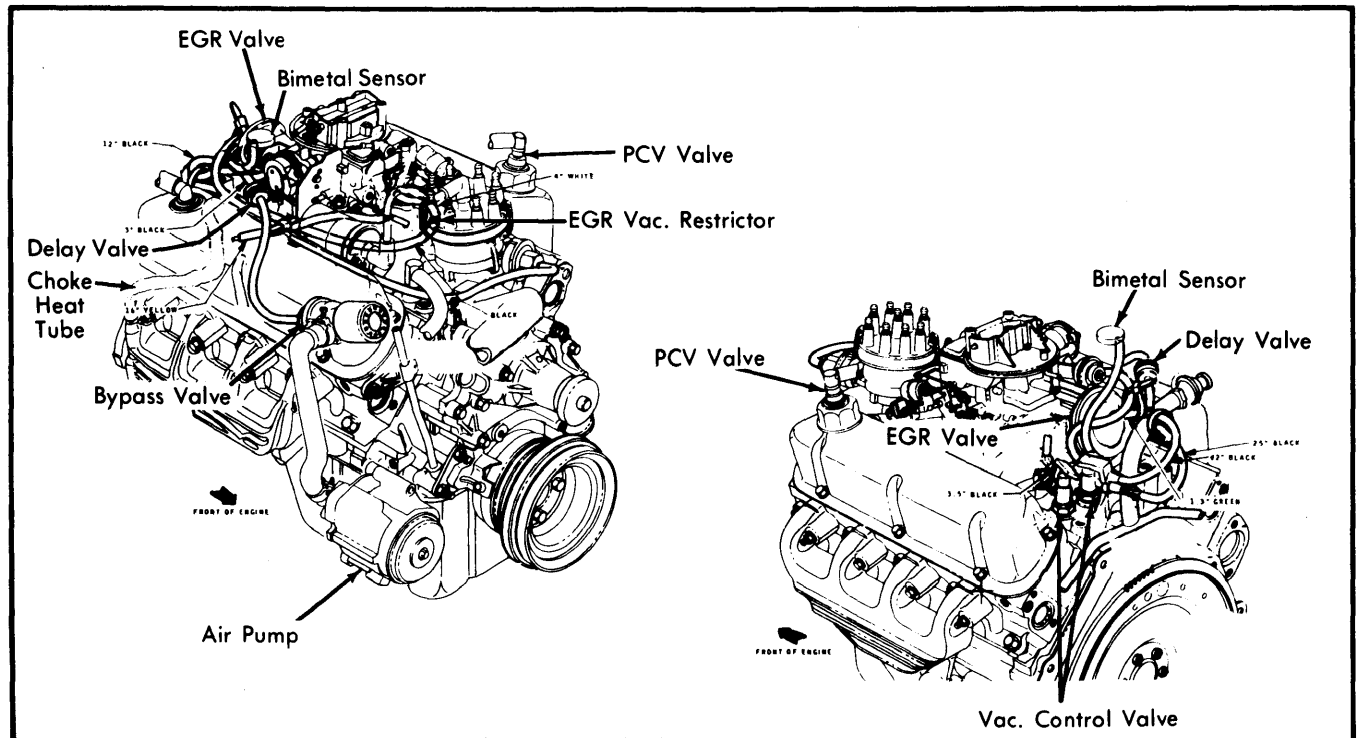
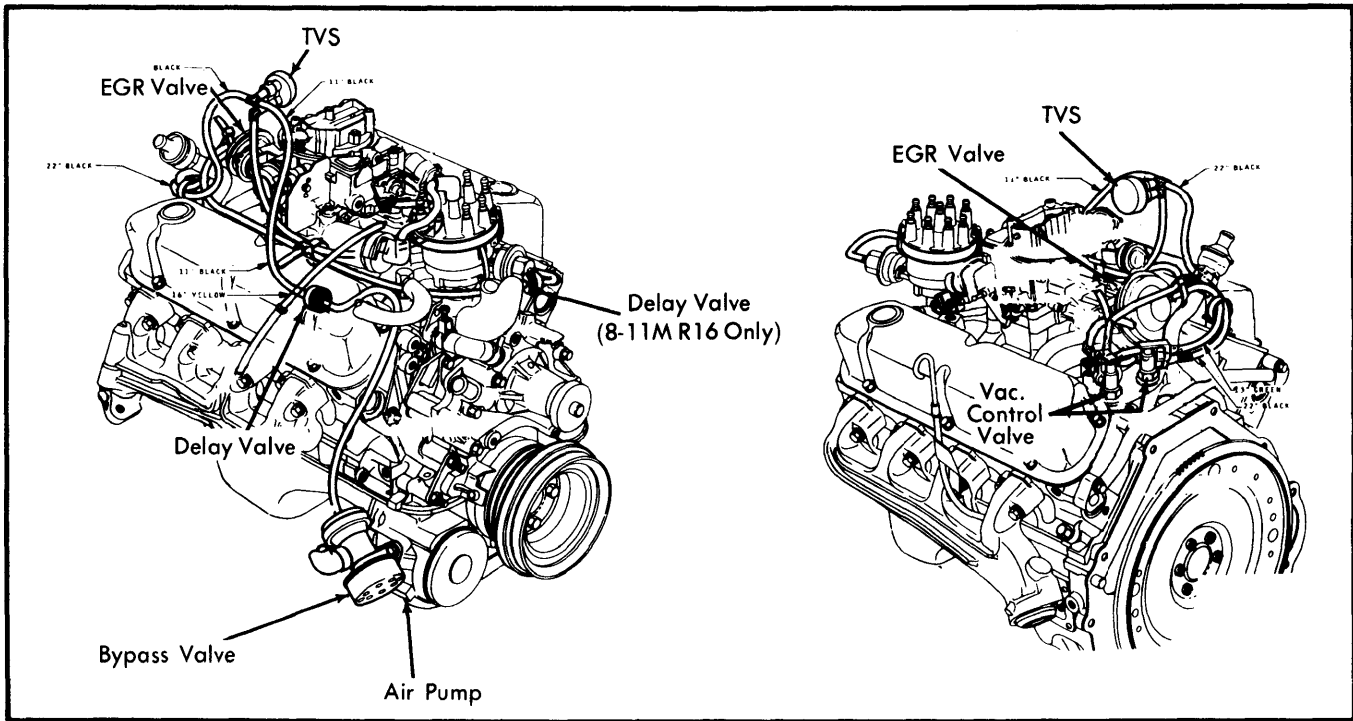
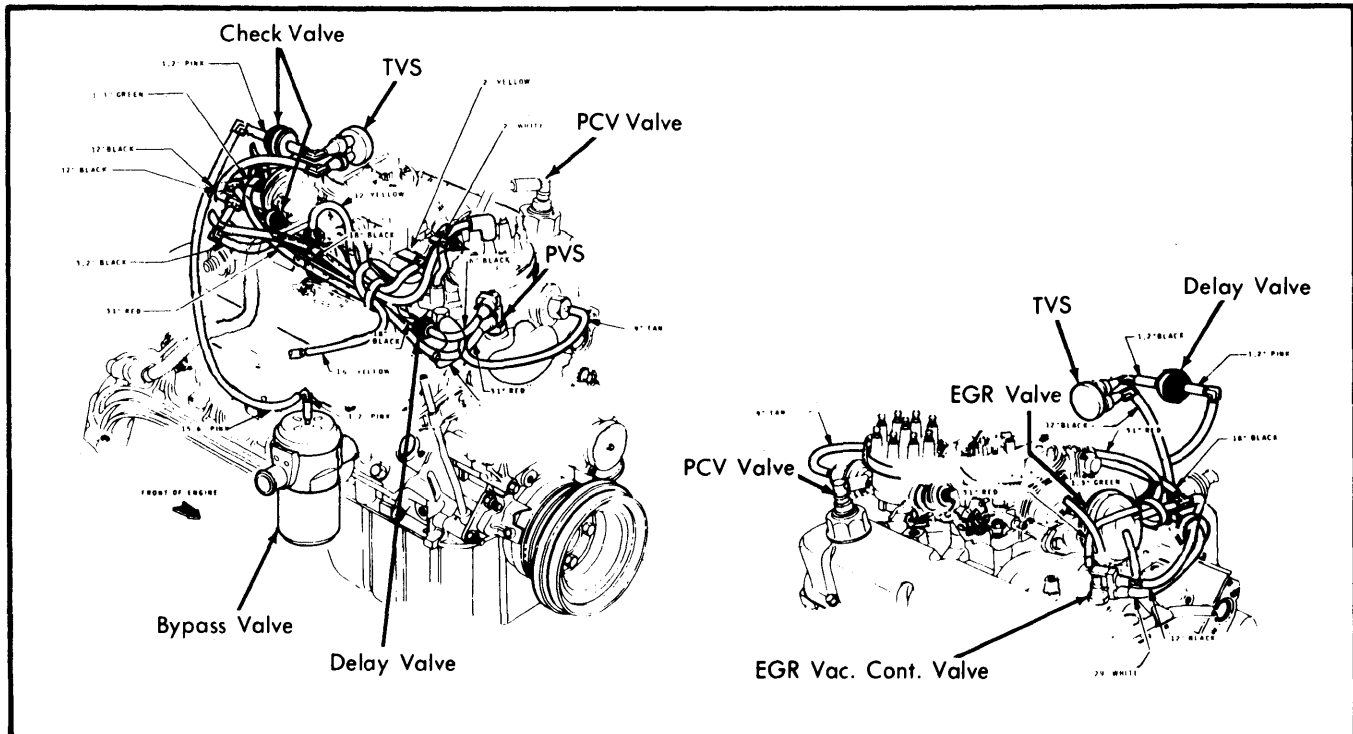


Fig. 22 Calibration 8-11G R17; 302"; Federal; Auto. Trans.
(Granada & Monarch)

1978 EXHAUST EMISSION SYSTEMS Ford Motor Co. Vacuum Diagrams (Cont.)



**Fig. 23 Calibration 8-11M RO & 8-11M R16; 302"; Federal;
Auto. Trans. (Fairmont & Zephyr)**



**Fig. 24 Calibration 8-11N RO; 302"; Calif.; Auto. Trans.
(Mustang)**

1978 EXHAUST EMISSION SYSTEMS Ford Motor Co. Vacuum Diagrams (Cont.)

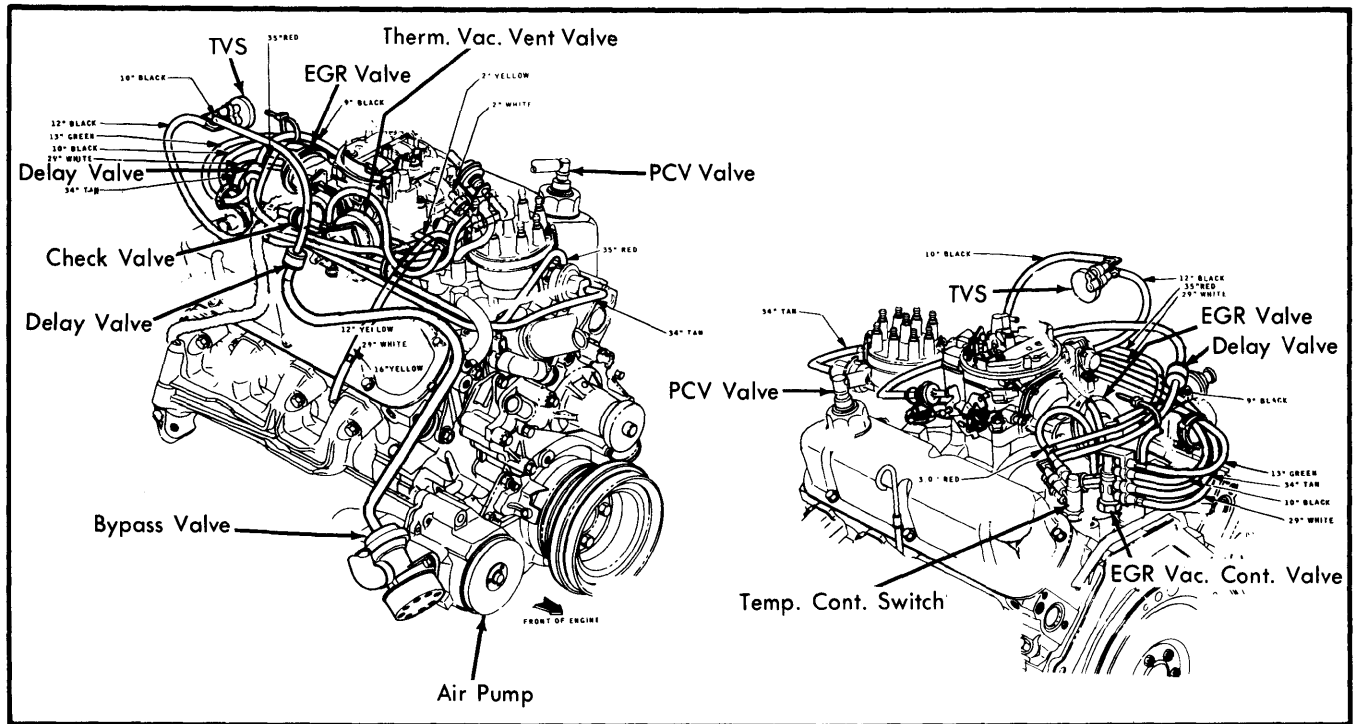


Fig. 25 Calibration 8-11Q R0; 302"; Calif.; Auto. Trans.
(Fairmont & Zephyr)

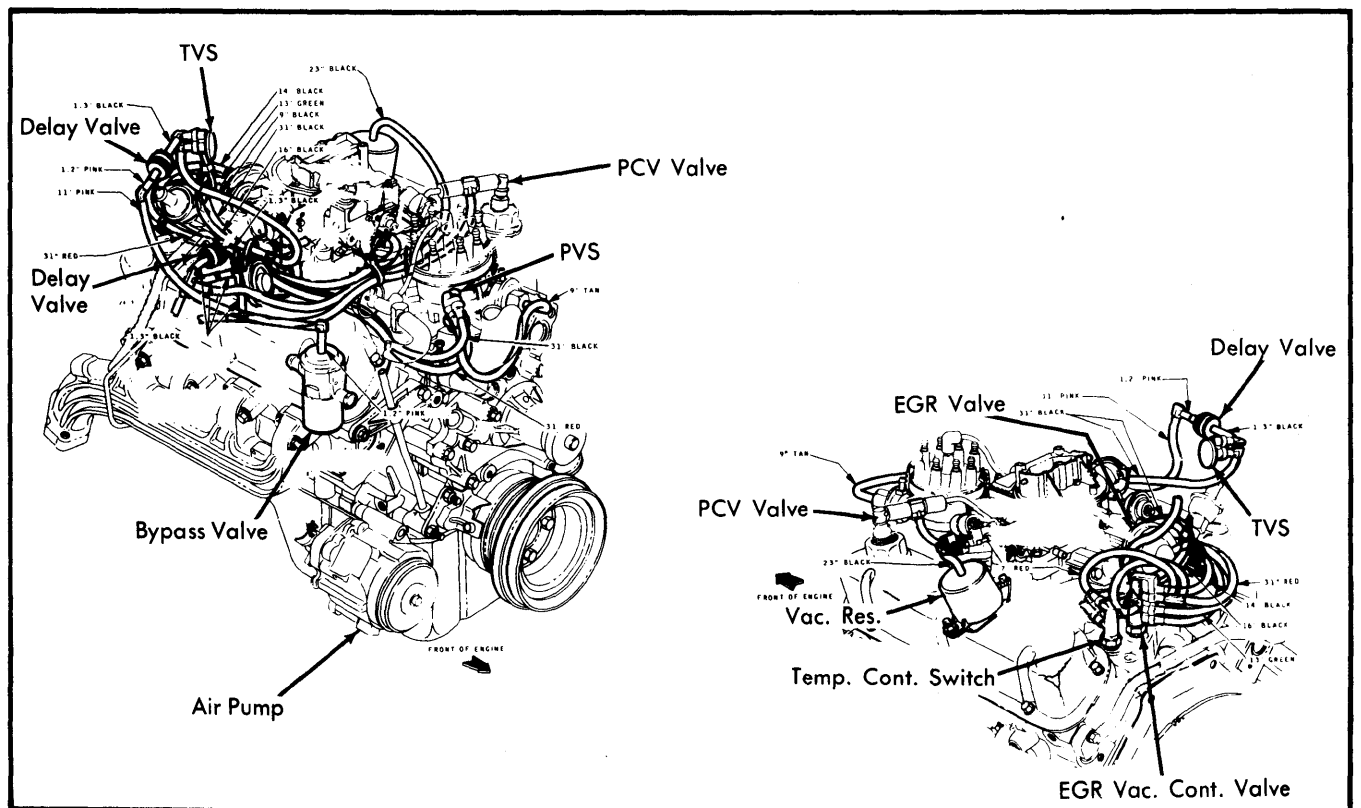


Fig. 26 Calibration 8-11X R0; 302"; High Alt.; Auto. Trans.
(Mustang)

1978 EXHAUST EMISSION SYSTEMS Ford Motor Co. Vacuum Diagrams (Cont.)

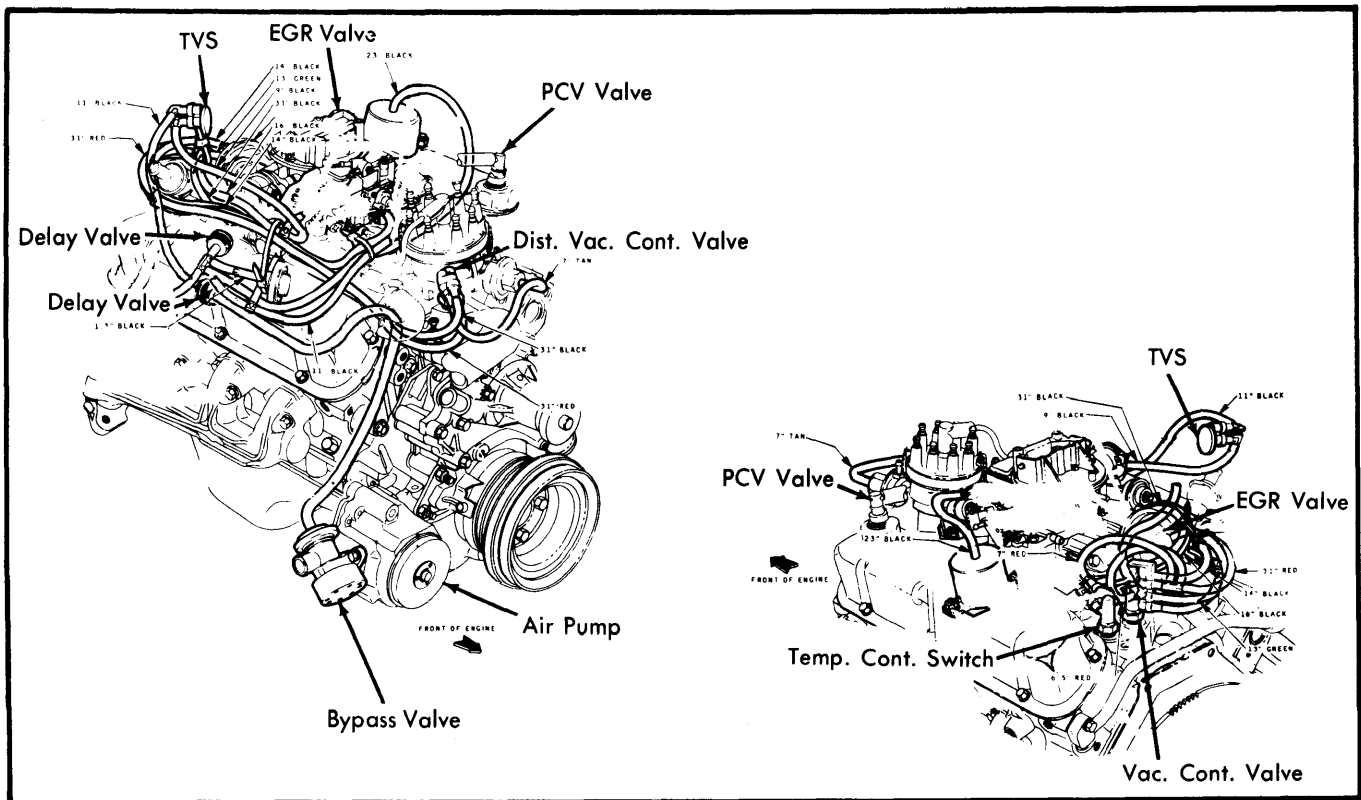


Fig. 27 Calibration 8-11Z R0; 302"; High Alt.; Auto. Trans.
(Fairmont & Zephyr)

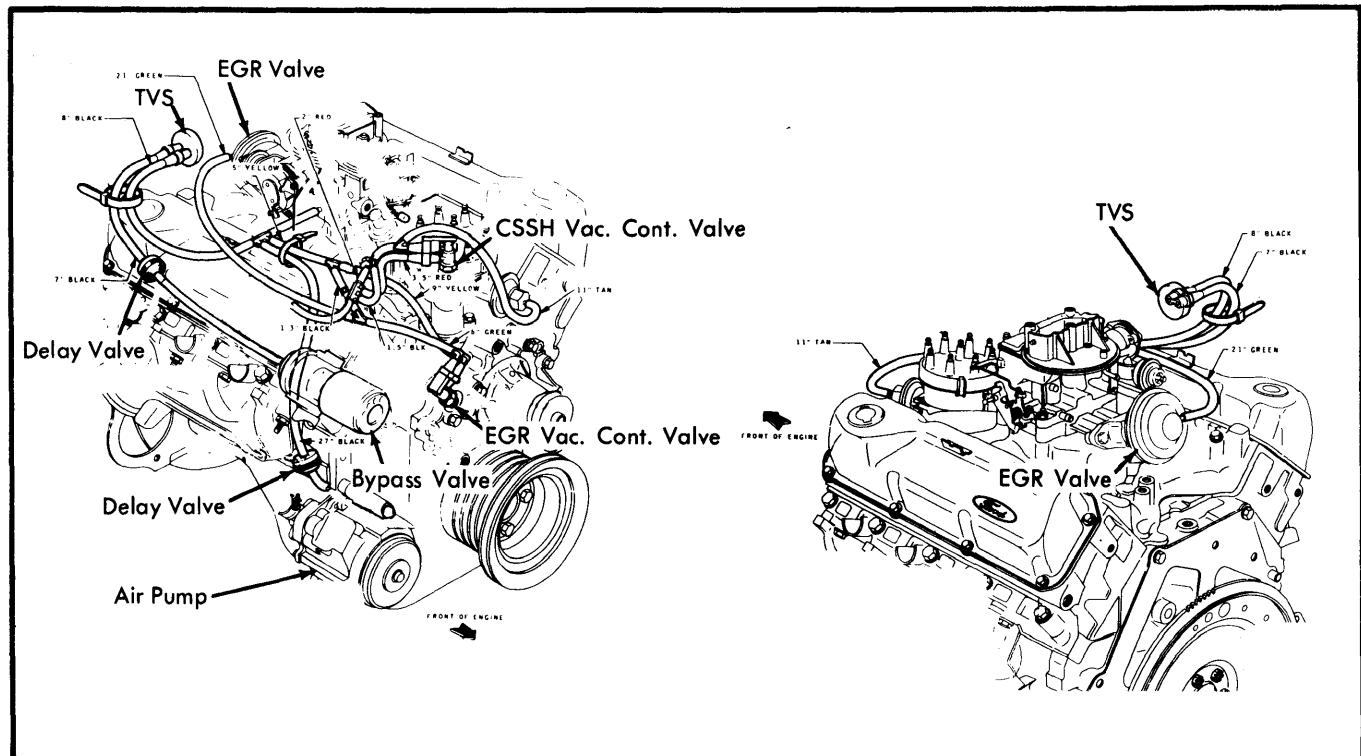


Fig. 28 Calibration 8-14B R0 & 8-14B R22; 351M"; Federal; Auto. Trans.
(Ford)

1978 EXHAUST EMISSION SYSTEMS Ford Motor Co. Vacuum Diagrams (Cont.)

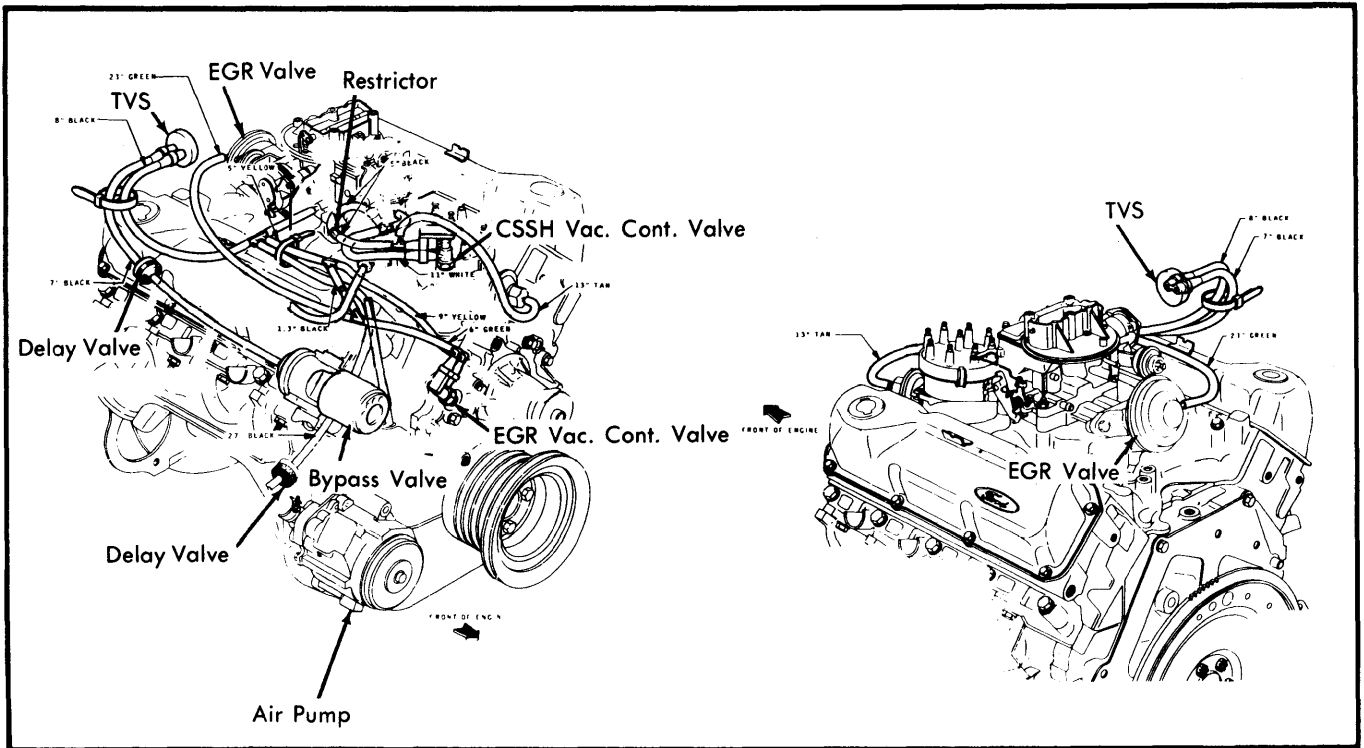


Fig. 29 Calibration 8-14B R13 & 8-14B R14; 351M"; Federal; Auto. Trans. (Ford & Mercury)

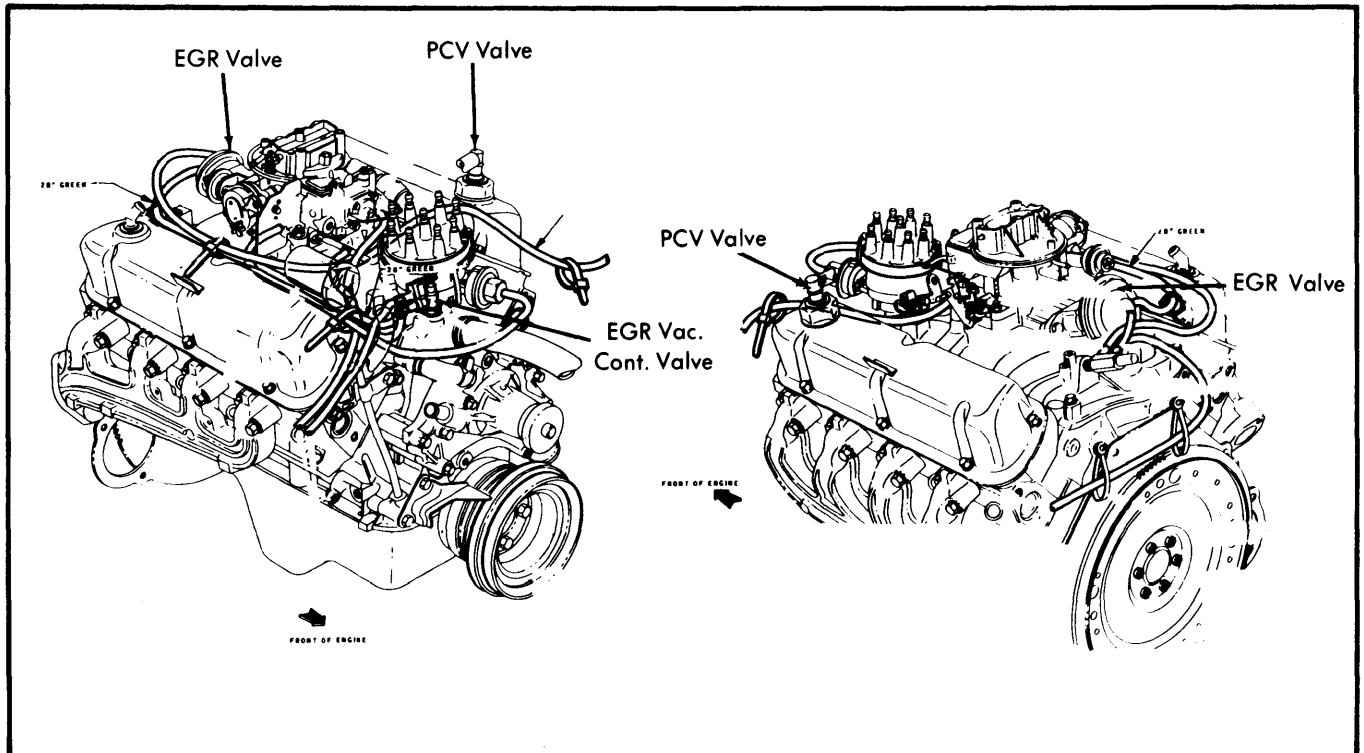
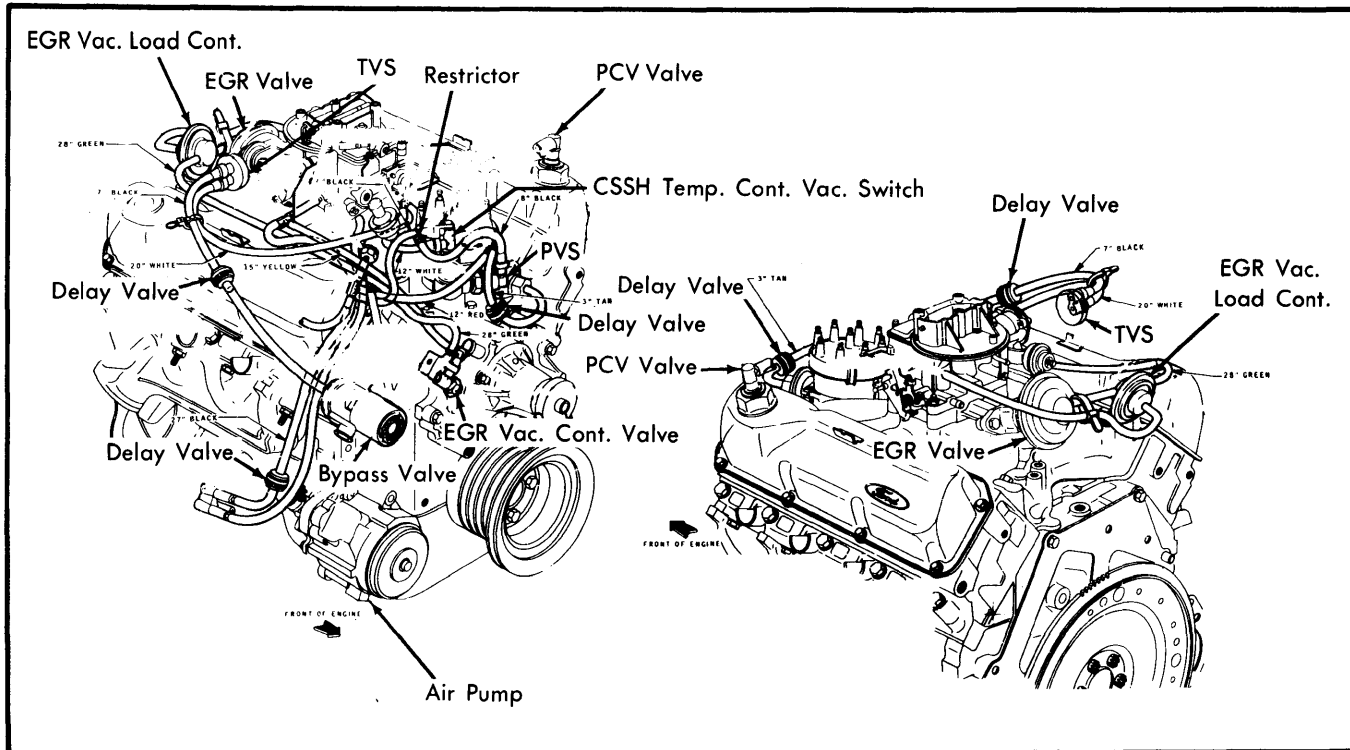
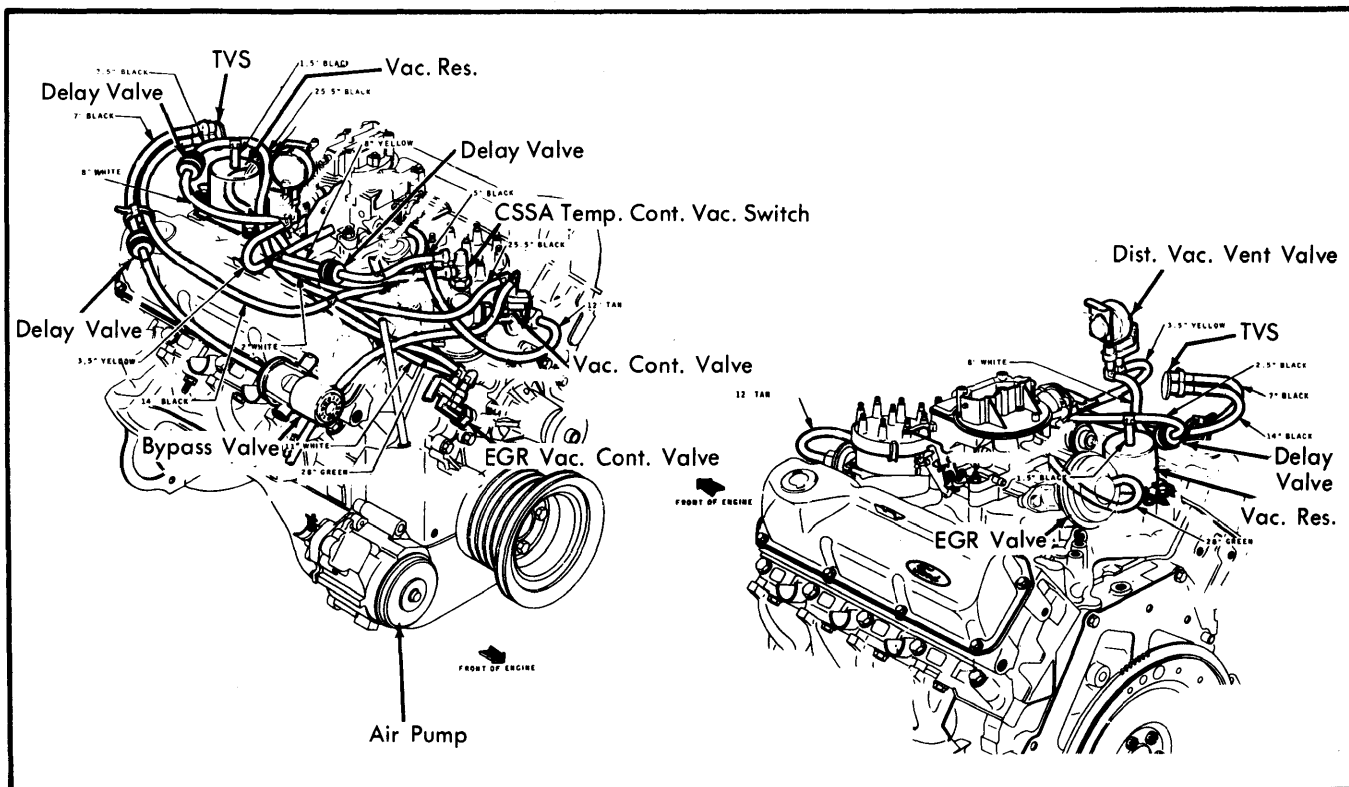


Fig. 30 Calibration 8-32B R0; 351W"; Federal; Auto. Trans. (LTD II, T-Bird, Cougar & Ford)

1978 EXHAUST EMISSION SYSTEMS Ford Motor Co. Vacuum Diagrams (Cont.)

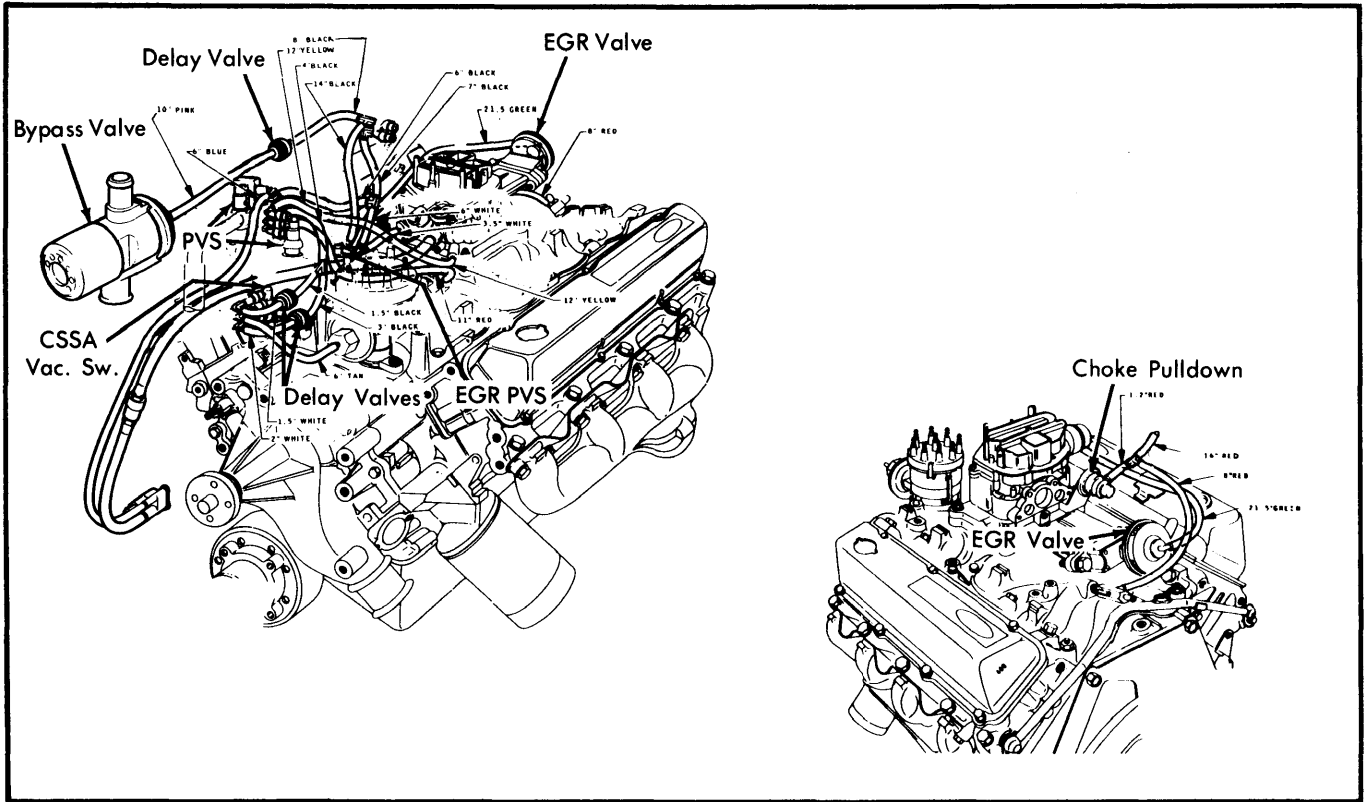


**Fig. 31 Calibration 8-17P R0; 400"; Calif.; Auto. Trans.
(LTD II, Cougar, T-Bird, Ford, Merc., Mark V & Lincoln)**



**Fig. 32 Calibration 8-17X R0; 400"; High Alt.; Auto. Trans.
(LTD II, Cougar, T-Bird, Ford, Merc., Mark V & Lincoln)**

1978 EXHAUST EMISSION SYSTEMS Ford Motor Co. Vacuum Diagrams (Cont.)



**Fig. 33 Calibration 8-19A R1 460"; Federal; Auto. Trans.
(Ford, Mercury, Mark V & Lincoln)**