

FORD MOTOR COMPANY VEHICLE EMISSION CONTROL INFORM					SHIFT		MAINT. D			
					NATION	SCHED.	SCHED.			
ENGINE FAMILY 302 'D" (1CVS) EGR/CATALYST/PCV+ ENGINE DISPLACEMENT 302 CID SPARK PLUG ARF 52 GAP 048.052					MAKE ALL ADJUSTMENTS WITH EN- GINE AT NORMAL OPERATING TEMPERATURE. A/C AND HEADLIGHTS OFF. CONSULT SERVICE PUBLICATIONS FOR ADDITIONAL INSTRUCTIONS ON					
VALVE HYD -					THE FOLLOWING PROCEDURES.					
TRANSMISSION/GEAR AUTO/NEUT AUTO/DRIVE MAN/NEUT			HOSES DISCONNECTED AND PLUGGED AT THE DISTRIBUTOR; AND AT THE							
IGNITION T	MING	6° BTDC			VACUUM SWITCH, IF EQUIPPED WITH CCT SYSTEM					
TIMING RPM 500			CURB IDLE - ADJUST WITH ALL VAC							
CHOKE SETTING		INDEX	-		UUM HOSES CONNECTED, AIR CLEANER IN POSITION AND THROTTLE SOLENOID POSITIONER ENERGIZED (IS SO EQUIPPED).					
FAST IDLE HIGH CA			\searrow							
	KICKDOWN				IDLE MIXTURE - PRESET AT THE FAC TORY, DO NOT REMOVE THE LIMITER					
CURBIDLE RPM	A/C NON-A/C		650		CAP(S). EXCEPT IN ACCORDANCE WITH					
			650		SERVICEP	UBLICATIO	NS			
TSP OF F RPM	A/C NON-A/C		\rightarrow							
		ARTIFICIAL	ENRICHMENT R	PM						
STD. FLOW		30 110			IDEDIACE POVINI		TH HIGH FLOW VALVE			
PCV VALVE	RESET	40-80				FTER 30,000 MILES.				
HIGH FLOW		80-180			C	ATA	LYST			
PCV VAL VE	RESET	80 120								
D7BE-9C485-MA					7-025					

FORD MOTOR CO. VACUUM DIAGRAM REFERENCE CHART							
Engine & Model	Application	Transmission	A/C	Non A/C	Calibration	Fig. No.	
2300 cc 4 Cyl.		1					
Pinto, Bobcat, Mustang	Calif.	Auto.	X	1	7-1N-R0	1	
Pinto, Bobcat	Calif.	Auto.		X	7-1T-R0	2	
Pinto, Bobcat	Calif.	Auto.	X		7-1T-R0	3	
Pinto, Bobcat, Mustang	Hi. Alt.	Auto.	x		7-1X-R0	4	
Pinto, Bobcat, Mustang	Hi. Alt.	Auto.		X	7-1X-R0	5	
Pinto, Bobcat	Fed.	Man.	x		7-2A-R0	6	
Pinto, Bobcat	Fed.	Man.		X	7-2A-R0	7	
Pinto, Bobcat	Fed.	Man.		Â	7-2A-R13	8	
Pinto, Bobcat, Mustang	Fed.	Man.	x		7-2B-RO	98	
Pinto, Bobcat, Mustang						1	
	Fed.	Man.	1	l Ŷ	7-2B-R0	11	
Pinto, Bobcat, Mustang	Calif.	Man.	ļ	X	7-2N-R0	12	
Pinto, Bobcat, Mustang	Calif.	Man.		X	7-2N-R1	13	
Pinto, Bobcat, Mustang	Calif.	Man.	X	1	7-2N-R1	14	
Pinto, Bobcat	Calif.	Man.	X		7-2T-R0	15	
Pinto, Bobcat	Calif.	Man.		Х	7-2T-R0	16	
Pinto, Bobcat, Mustang	Fed.	Man.	X	1	7-21A-R0	17	
Pinto, Bobcat, Sedan	Fed.	Auto.		Х	7-21A-R0	18	
Pinto, Bobcat	Fed.	Auto.	X	1	7-21A-R0	19	
Pinto, Bobcat, Mustang	Fed.	Auto.		X	7-21B-R0	20	
Pinto, Bobcat	Fed.	Auto.	Х		7-21B-RO	21	
2800 cc V6							
Mustang	Fed.	Man.			7-3A-R2	22	
Pinto, Bobcat, Mustang	Fed.	Auto.	j		7-4A-R2	23	
Pinto, Bobcat	Calif.	Auto.	Х	Х	7-4N-R1	24	
200″ 6 Cyl.							
Maverick, Comet,						1	
Granada, Monarch	Fed.	Man.	Х	Х	7-6B-R1	25	
Maverick, Comet	Fed.	Auto.	Х	X	7-7B-R10	26	
250″ 6 Cyl.							
Maverick, Comet	Fed.	Man.	X	X	7-8A-R2	27	
Granada, Monarch	Fed.	Man.		X	7-8A-R2	27	
Granada, Monarch	Fed.	Man.	X		7-8A-R3	28	
Maverick, Comet	Fed.	Man.	X	X	7-8A-R3	29	
Granada, Monarch	Fed.	Man.		Х	7-8A-R3	29	
Maverick, Comet	Calif.	Auto.	X	X	7-9N-R0	30	
Granada, Monarch	Calif.	Auto.		X	7-9N-R0	30	
Granada, Monarch	Calif.	Auto.	X	ļ	7-9N-R0	31	
Granada, Monarch,							
Maverick, Comet	Fed.	Auto.	Х	Х	7-29A-R1	32	
Granada, Monarch,			1	1	1	l	
Maverick, Comet	Fed.	Auto.	Х	Х	7-29A-R3	33	
302″ V8							
Mustang	Fed.	Man.	l		7-10A-R0	34	
Granada, Monarch	Fed.	Man.	1	1	7-10B-R0	35	
LTD II, Cougar,			ł			1	
Thunderbird, Ranchero	Fed.	Auto.			7-11E-RO	36	
Granada, Monarch	Calif.	Auto.			7-11P-R0	37	
Maverick, Comet	Calif.	Auto.		J	7-11Q-R0	38	
Mustang	Fed.	Auto.			7-31A-R0	39	
Maverick, Comet	Fed.	Auto.		I	7-31B-R0	40	
Granada, Monarch	Fed.	Auto.	1		7-31C-R0	41	

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FORD MOTOR CO. VACUUM DIAGRAM REFERENCE CHART							
Engine & Model	Application	Transmission	A/C	Non A/C	Calibration	Fig. No.	
351" M V8 LTD II, Cougar, Ranchero	Fed.	Auto.	x	x	7-14A-R1	42	
Ranchero, Thunderbird, Sta. Wgns.							
LTD II, Cougar, Ford Ranchero, Thunderbird, Sta. Wgns.	Fed.	Auto.	X	X	7-14B-R1	43	
LTD II, Cougar, Ford LTD II, Cougar	Fed.	Auto.	X	x	7-14B-R1	44	
Thunderbird, Ranchero	Fed.	Auto.	x	x	7-14B-R10	45	
LTD II, Cougar, Thunderbird, Ranchero	Calif.	Auto.	x	x	7-14N-R0	46	
351″ W V8					· · · ·		
LTD II, Cougar, Thunderbird	Fed.	Auto.			7-32B-R1	47	
LTD II, Cougar, Thunderbird, Ford	Fed.	Auto.			7-32V-R10	48	
400″ V8						1	
LTD II, Thunderbird, Sta. Wgns., Cougar, Mk V, Ford, Merc. LTD II, Sta. Wgns., Cougar, Bandary, Thunda Lind, Star	Fed.	Auto.	x	x	7-17B-R1	49	
Ranchero, Thunderbird, Ford, Mercury, Mk V	Fed.	Auto.	x	x	7-17C-R1	50	
LTD II, Cougar, Ranchero	Calif.	Auto.	X	X	7-17N-R0	51	
LTD II, Cougar Ford, Mercury,	Calif.	Auto.	X	X	7-17P-R0	52	
Mk V, Lincoln	Fed.	Auto.	x	x	7-19A-R2	53	
460″ V8			1				
Ford, Mercury, Mk V, Lincoln	Fed.	Auto.	x	x	7-19A-R3	54	
Ford, Mercury,							
Mk V, Lincoln	Fed.	Auto.	X	×	7-19A-R8	55	

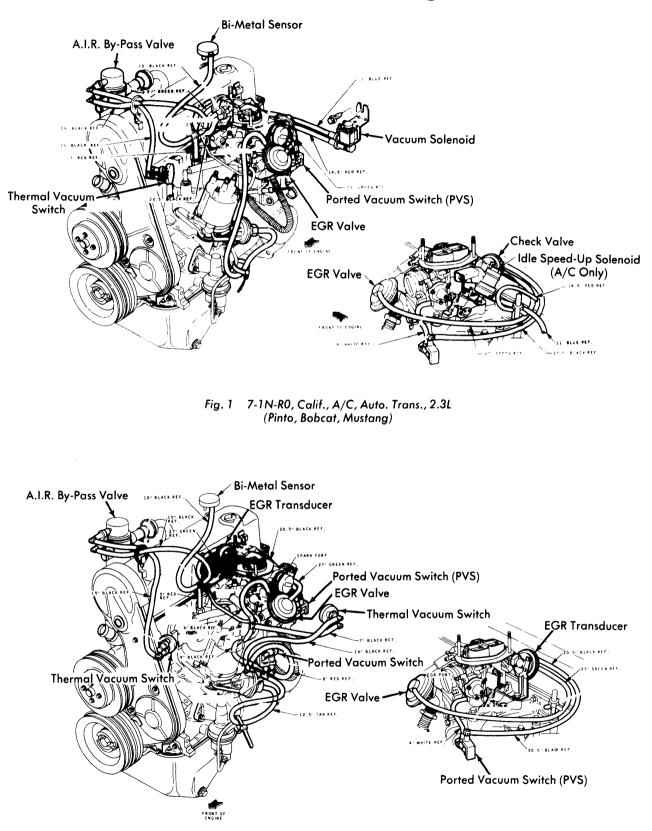


Fig. 2 7-1T-RO Calif., Non A/C, Auto. Trans., 2.3L (Pinto, Bobcat)

³⁻²⁰⁶ 1977 EXHAUST EMISSION SYSTEMS Ford Motor Co. Vacuum Diagrams (Cont.)

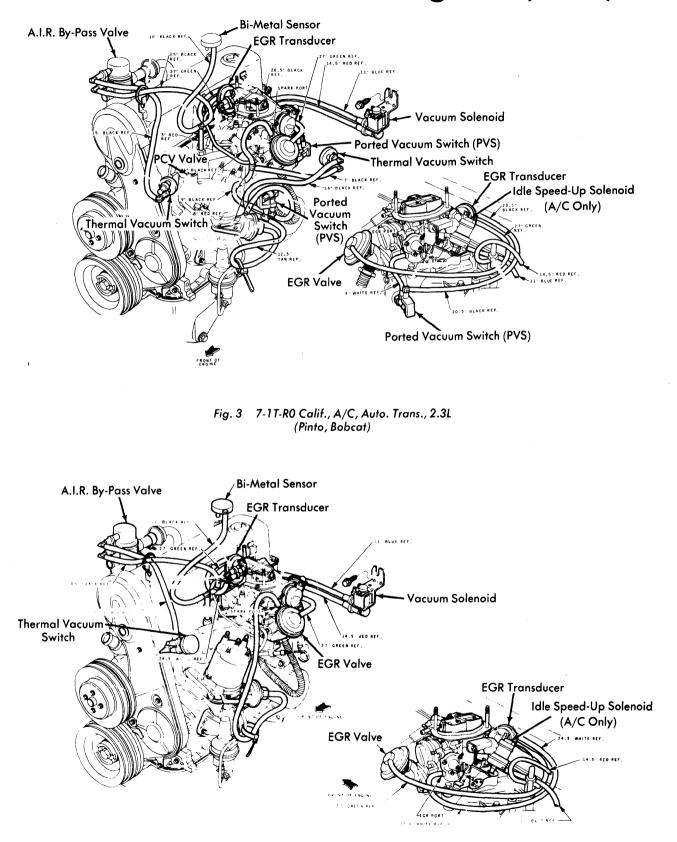


Fig. 4 7-1X-RO High Alt., A/C, Auto. Trans., 2.3L (Pinto, Bobcat, Mustang)

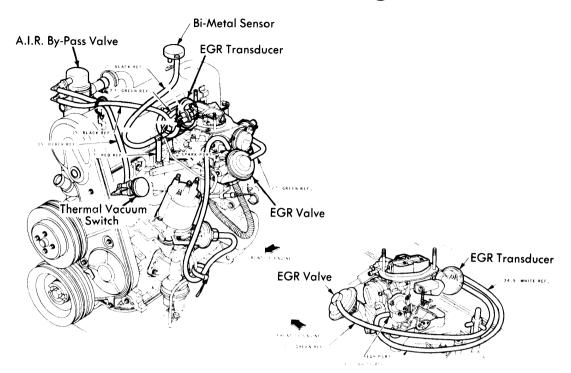


Fig. 5 7-1X-RO High Alt., Non A/C, Auto. Trans., 2.3L (Pinto, Bobcat, Mustang)

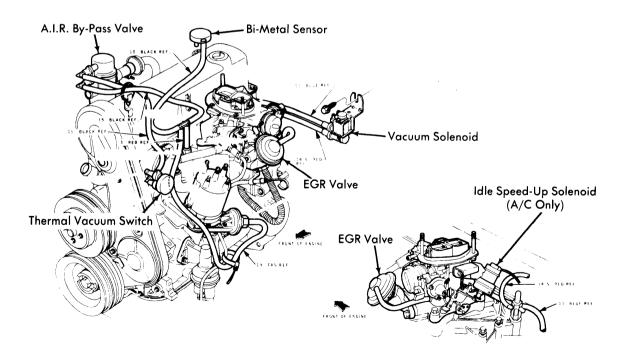


Fig. 6 7-2A-RO Federal, A/C, Man. Trans., 2.3L (Pinto, Bobcat)

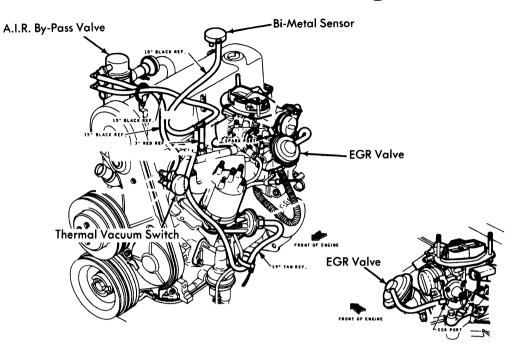


Fig. 7 7-2A-RO Federal, Non A/C, Man. Trans., 2.3L (Pinto, Bobcat)

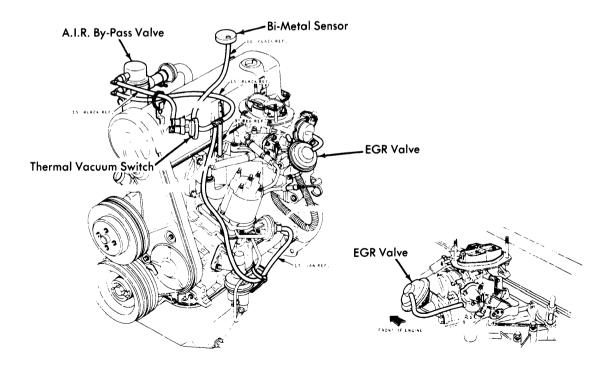


Fig. 8 7-2A-R13 Federal, Non A/C, Man. Trans., 2.3L (Pinto, Bobcat)

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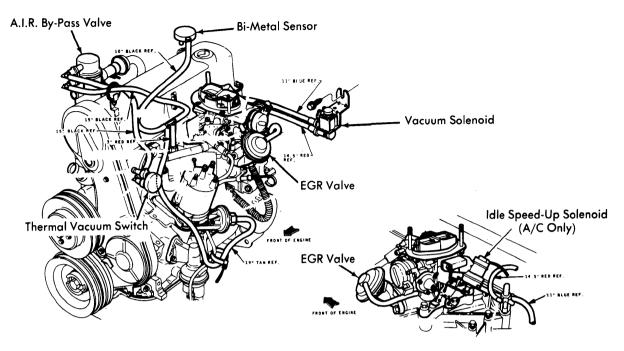


Fig. 9 7-2B-RO Federal, A/C, Man. Trans., 2.3L (Pinto, Bobcat, Mustang)

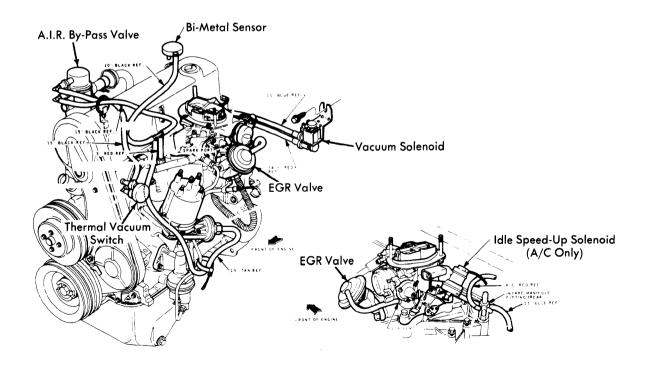


Fig. 10 7-2B-R0 Federal, A/C, Man. Trans., 2.3L (Pinto, Bobcat, Mustang) 3-210

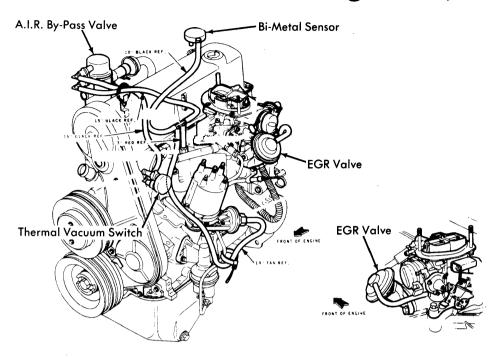


Fig. 11 7-2B-RO Federal, Non A/C, Man. Trans., 2.3L (Pinto, Bobcat, Mustang)

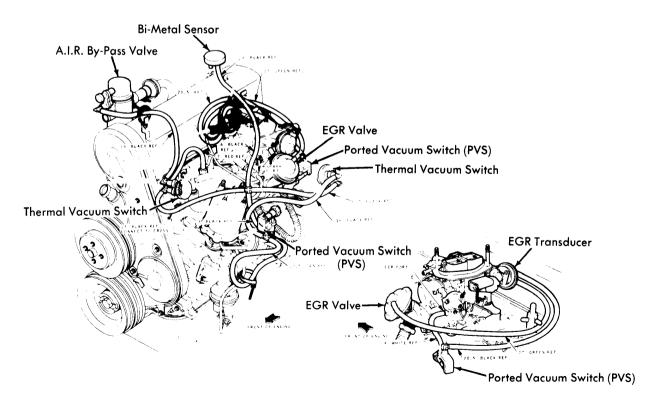


Fig. 12 7-2N-RO Calif., Non A/C, Man. Trans., 2.3L (Pinto, Bobcat, Mustang)

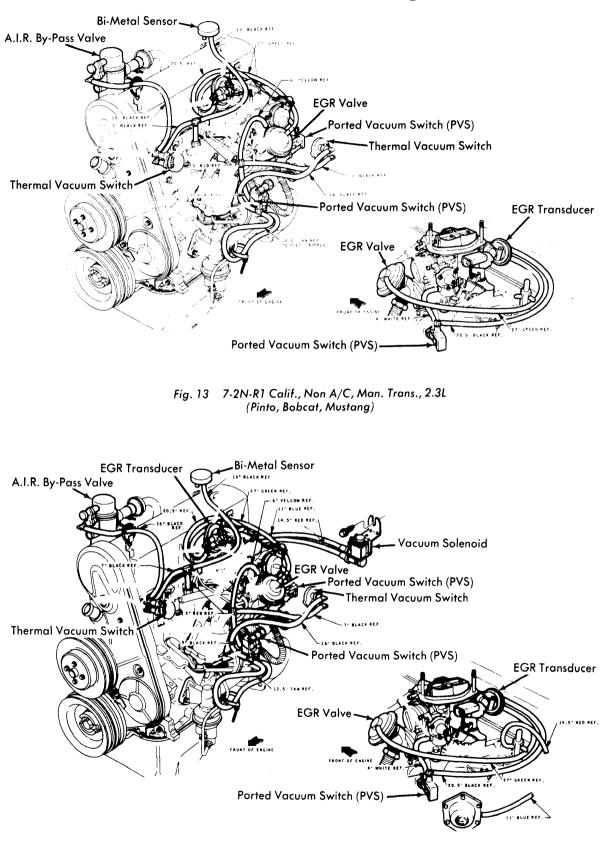


Fig. 14 7-2N-R1 Calif., A/C, Man. Trans., 2.3L (Pinto, Bobcat, Mustang)

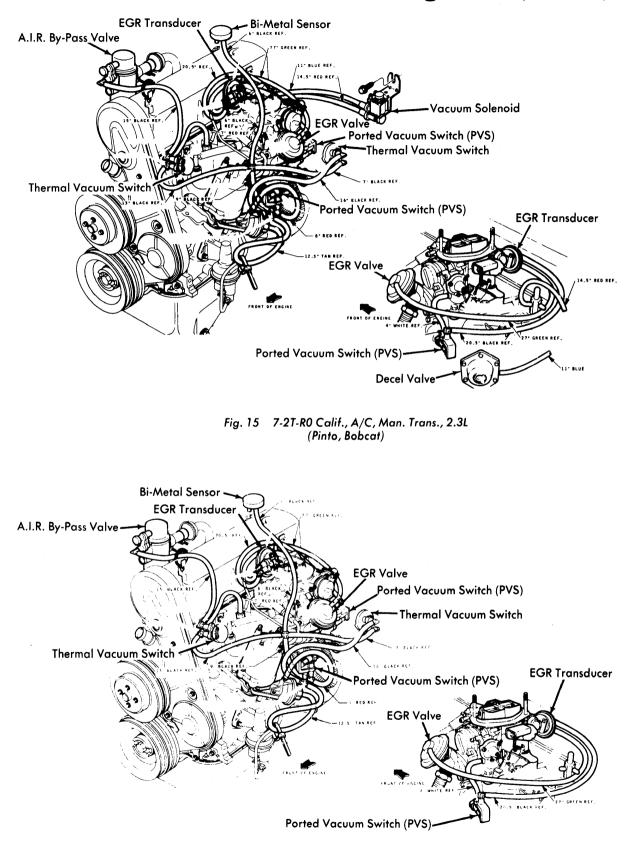


Fig. 16 7-2T-R0 Calif., Non A/C, Man. Trans., 2.3L (Pinto, Bobcat)

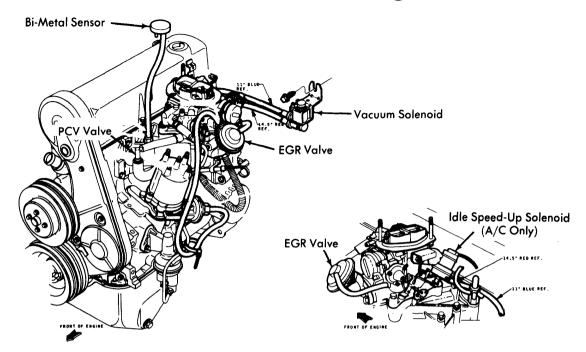
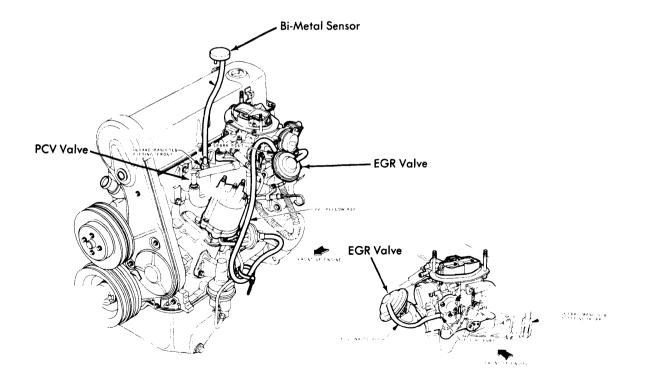
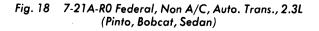


Fig. 17 7-21A-RO Federal, A/C, Man. Trans., 2.3L (Pinto, Bobcat, Mustang)





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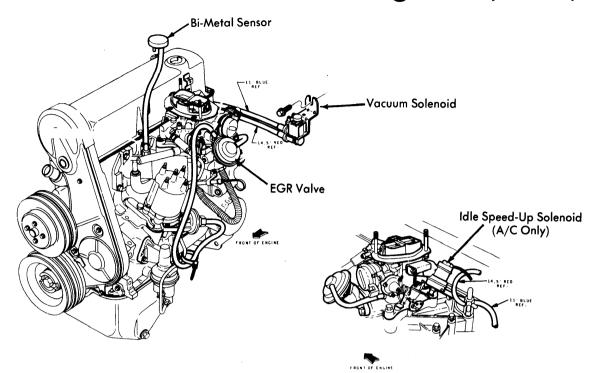


Fig. 19 7-21A-RO & 7-21B-RO Feder, A/C, Auto. Trans., 2.3L (Pinto, Bobcat)

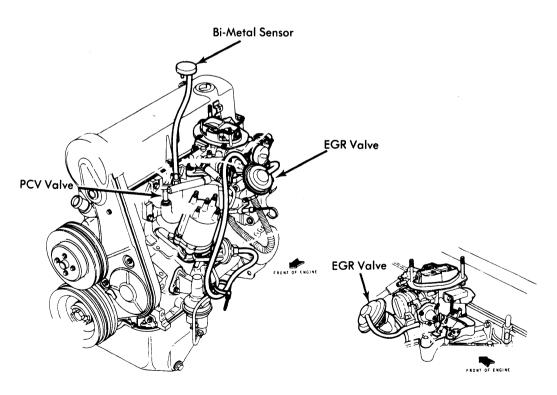


Fig. 20 7-21B-RO Federal, Non A/C, Auto. Trans., 2.3L (Pinto, Bobcat, Mustang)

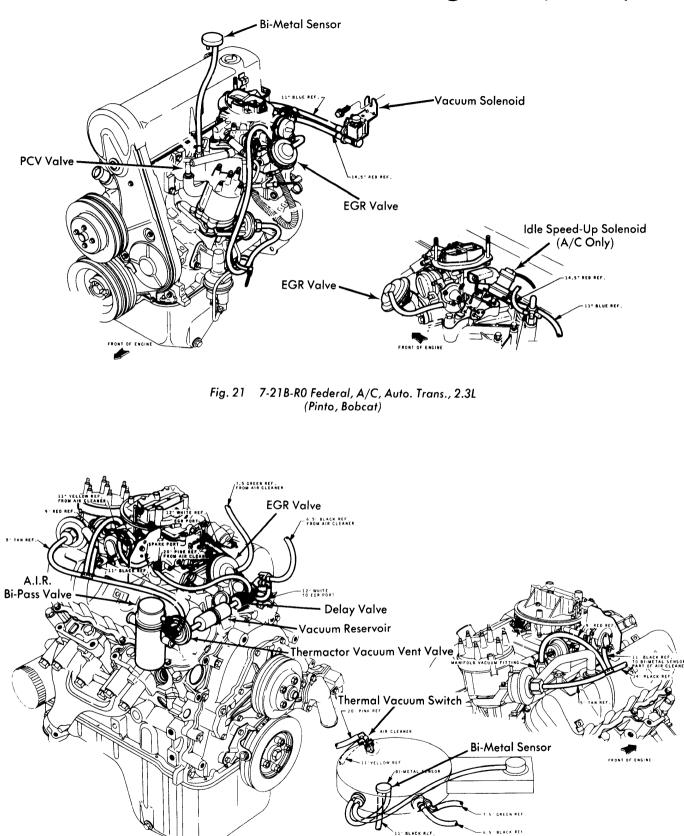


Fig. 22 7-3A-R2 Federal, Man. Trans., 2.8L (Mustang)

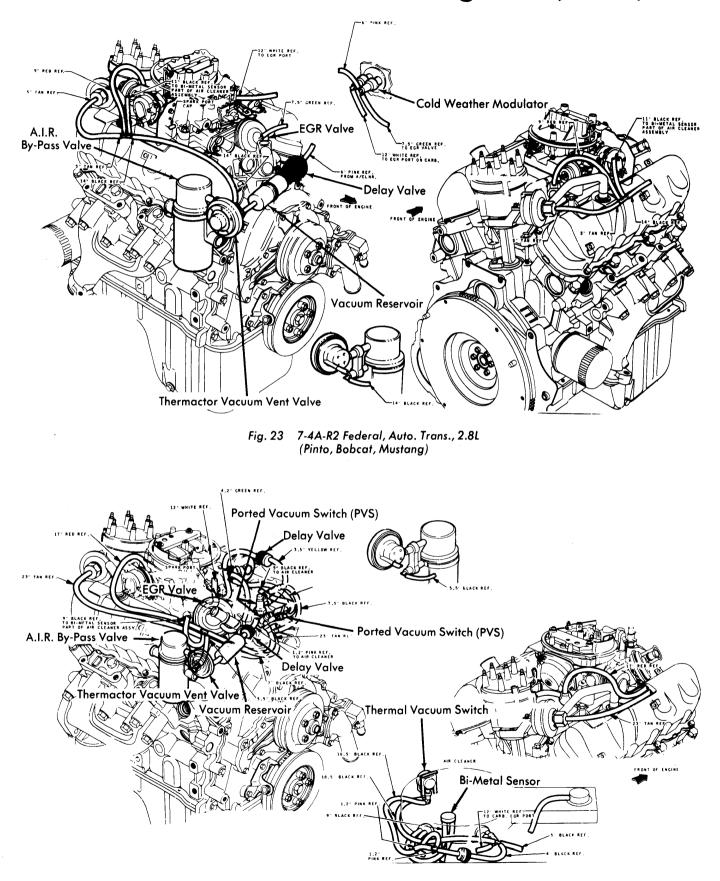


Fig. 24 7-4N-R1 Calif., A/C & Non A/C, Auto. Trans. 2.8L (Pinto, Bobcat)

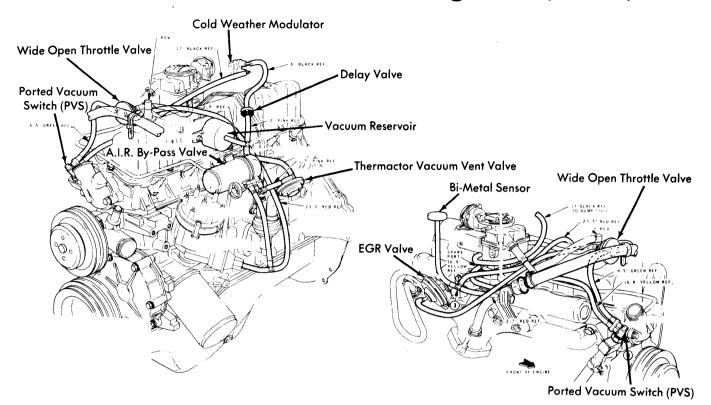


Fig. 25 7-6B-R1 Federal, A/C & Non A/C, Man. Trans. 200" (Maverick, Comet, Granada, Monarch)

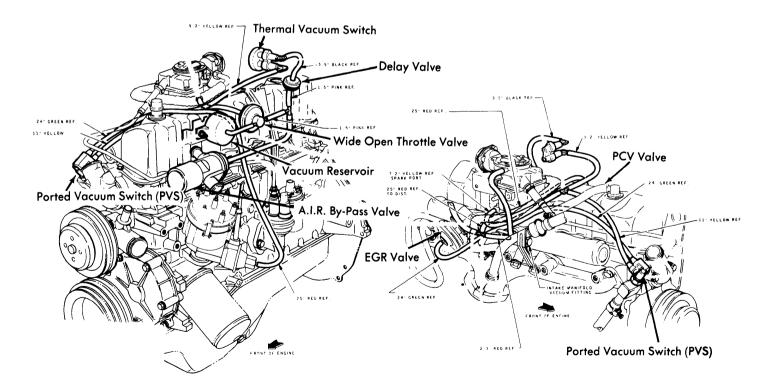


Fig. 26 7-7B-R10 Federal, A/C & Non A/C, Auto. Trans. 200" (Maverick, Comet)

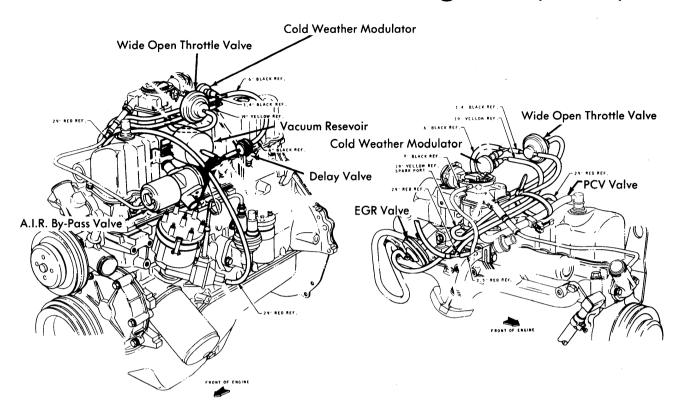
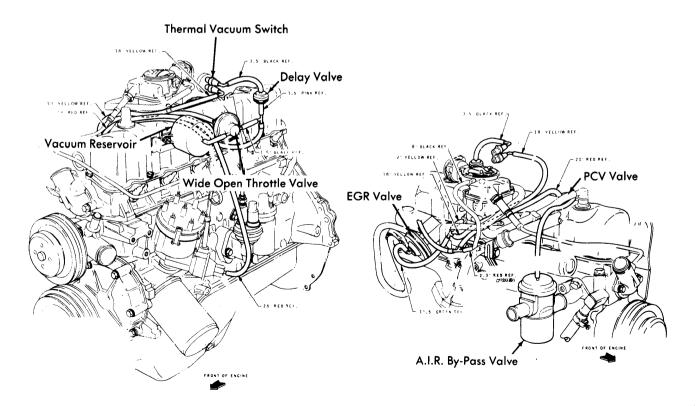
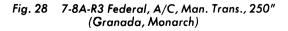


Fig. 27 7-8A-R2 Federal, Man. Trans., 250" (A/C & Non A/C Maverick & Comet - Non A/C Granada, Monarch)





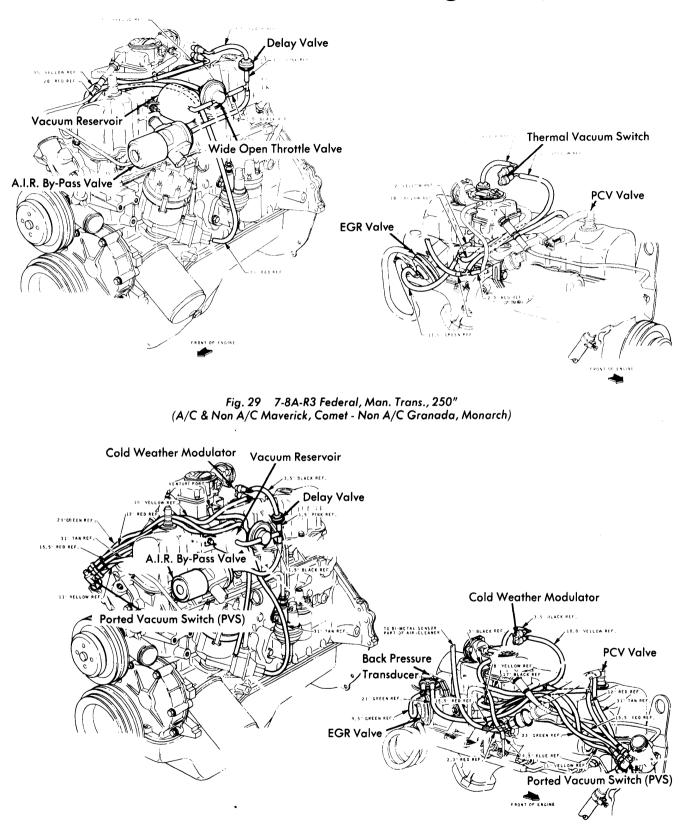


Fig. 30 7-9N-R0 Calif., Auto. Trans., 250" (A/C & Non A/C Maverick, Comet - Non A/C Granada, Monarch)

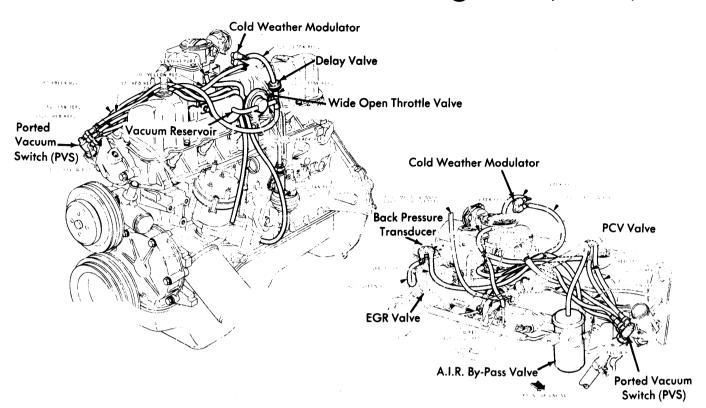
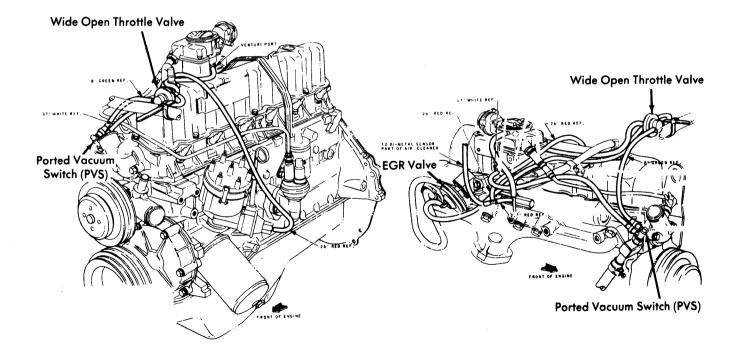


Fig. 31 7-9N-R0 Calif., Auto. Trans., A/C, 250" (Granada, Monarch)





1977 EXHAUST EMISSION SYSTEMS ³⁻²²¹ Ford Motor Co. Vacuum Diagrams (Cont.)

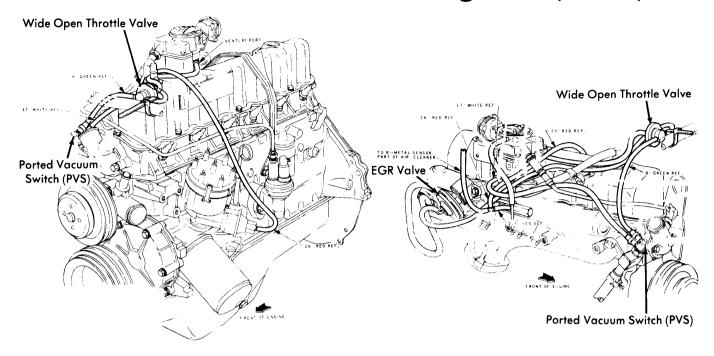


Fig. 33 7-29A-R3 Federal, A/C & Non A/C, Auto. Trans., 250" (Granada, Monarch, Maverick, Comet)

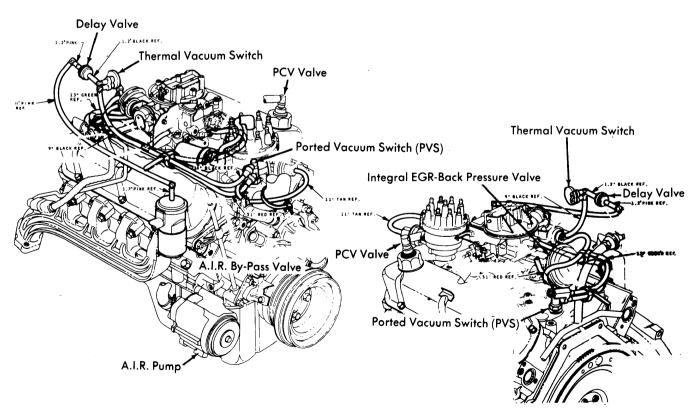


Fig. 34 7-10A-RO Federal, Man. Trans., 302" (Mustang)

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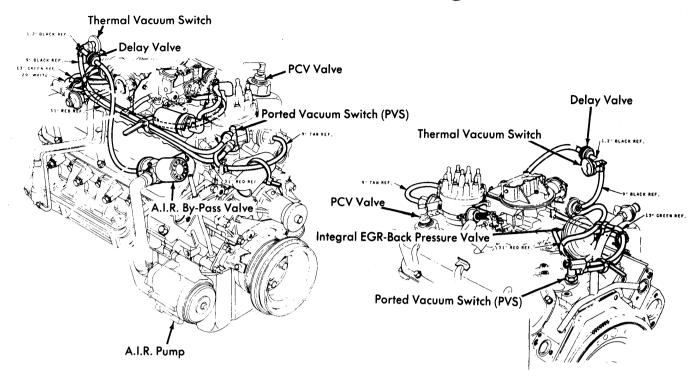


Fig. 35 7-10B-RO Federal, Man. Trans., 302" (Granada, Monarch)

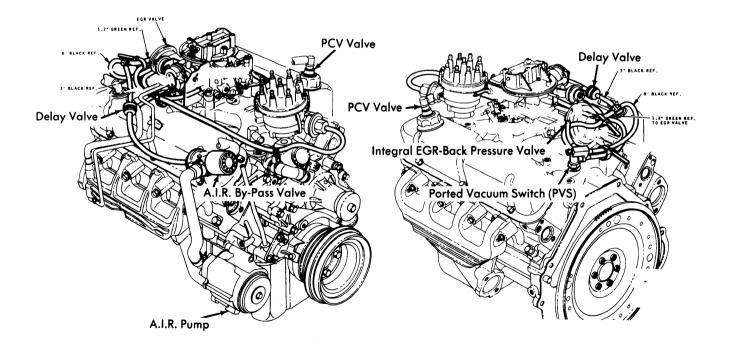
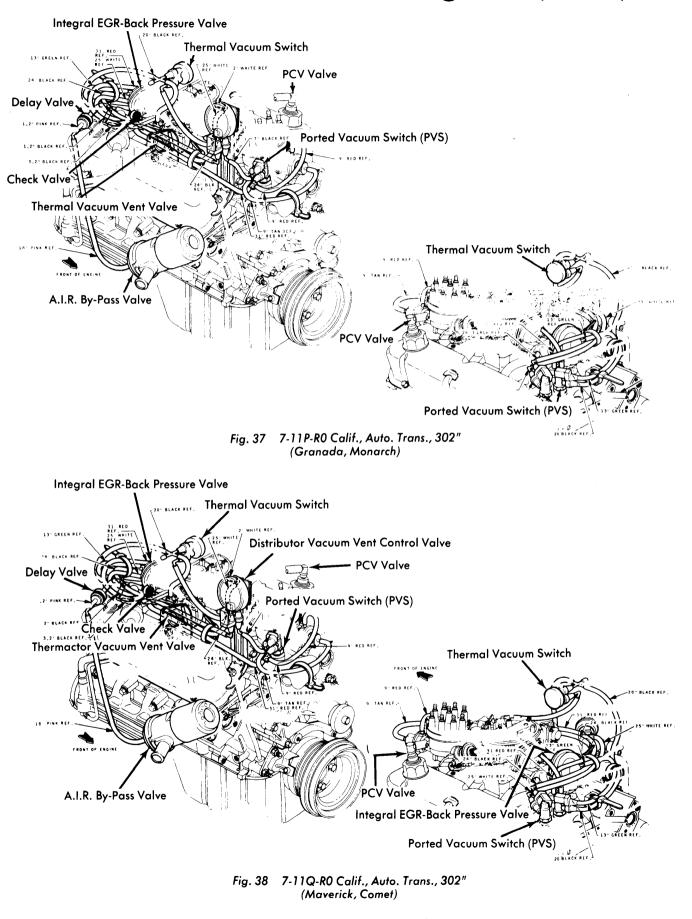


Fig. 36 7-11E-RO Federal, Auto. Trans., 302" (LTD II, Cougar, T-Bird, Ranchero)



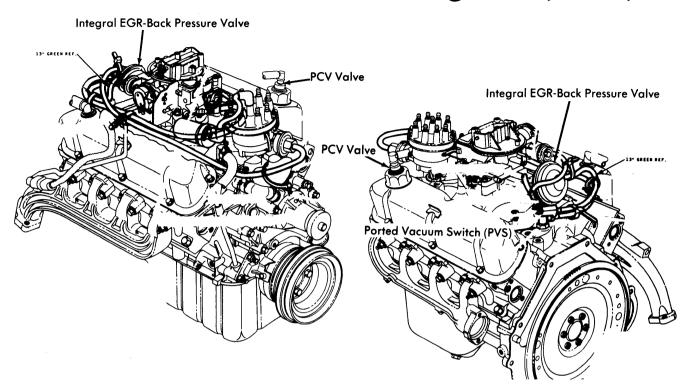


Fig. 39 7-31A-RO Federal, Auto. Trans., 302" (Mustang)

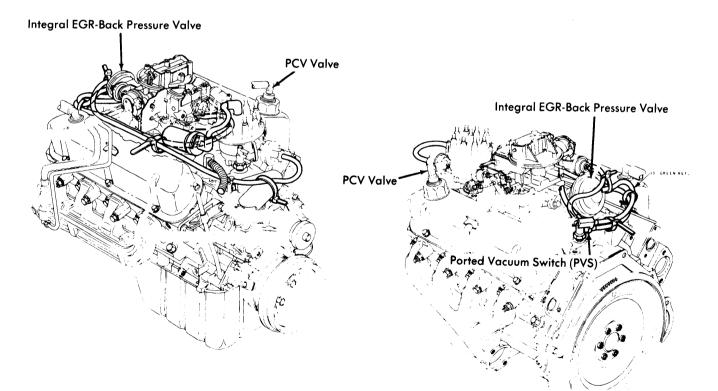


Fig. 40 7-31B-RO Federal, Auto. Trans., 302" (Maverick, Comet)

Integral EGR-Back Pressure Valve

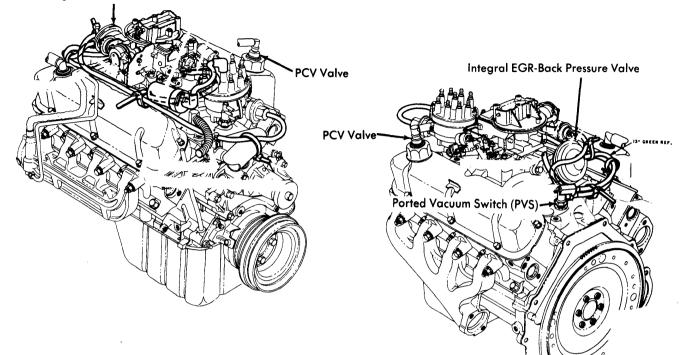


Fig. 41 7-31C-R0 Federal, Auto. Trans., 302" (Granada, Monarch)

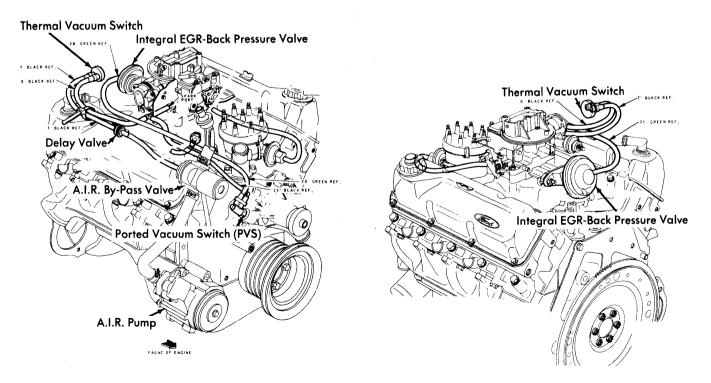


Fig. 42 7-14A-R1 Federal, A/C & Non A/C, Auto. Trans., 351"M (LTD II, Cougar, Ranchero)

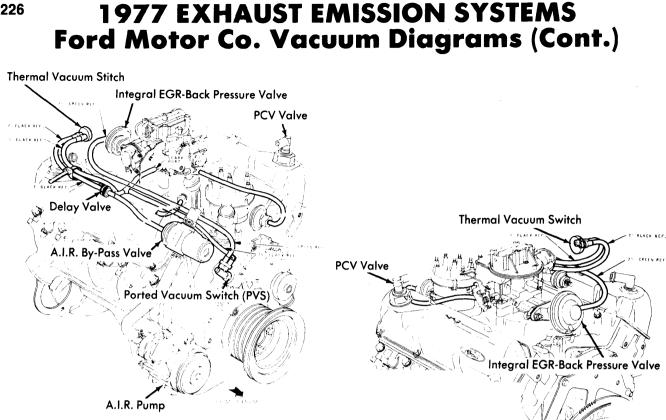


Fig. 43 7-14B-R1 Federal, A/C & Non A/C, Auto. Trans., 351"M (Ranchero, T-Bird, Sta. Wgns., LTD II, Cougar, Ford)

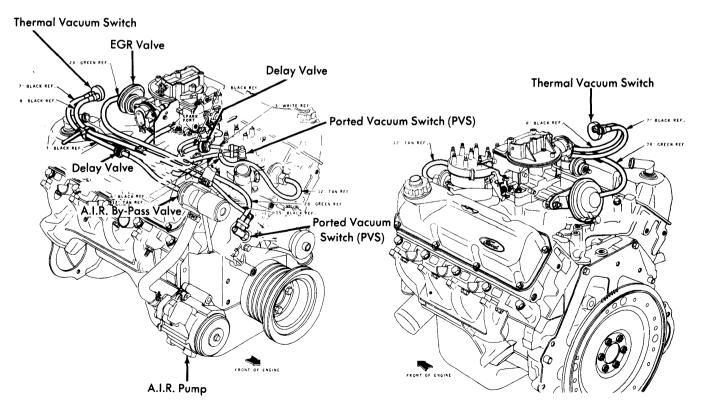


Fig. 44 7-14B-R1 Federal, A/C & Non A/C, Auto. Trans., 351"M (LTD II, Cougar, Ford, Ranchero, T-Bird, Sta. Wgns.)

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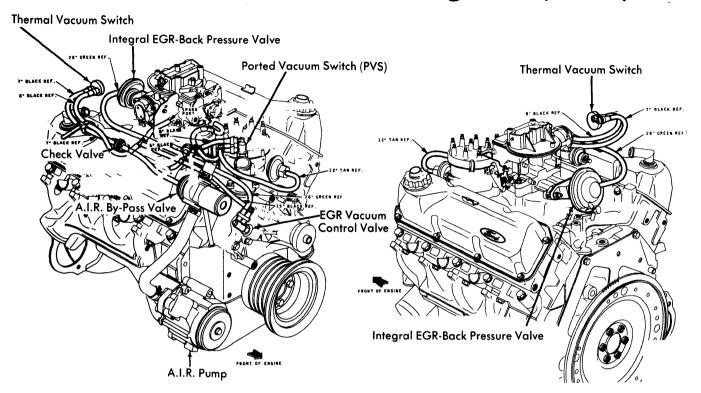
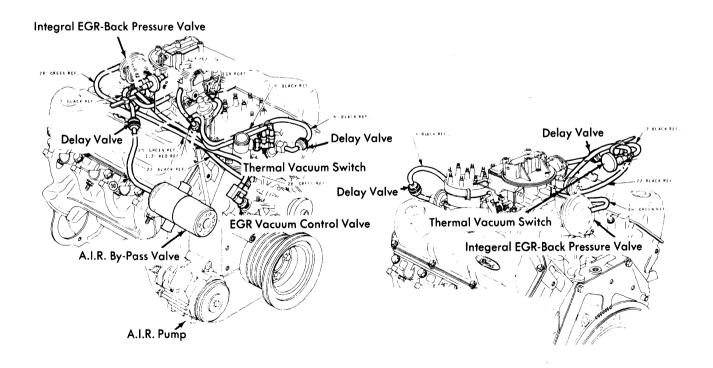
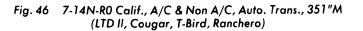
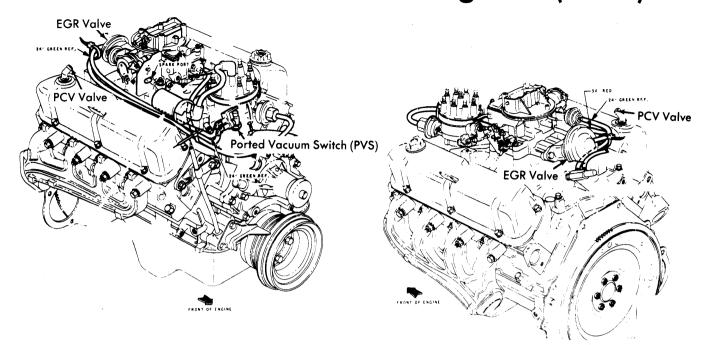
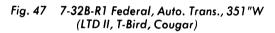


Fig. 45 7-14B-R10 Federal, A/C & Non A/C, Auto. Trans., 351"M (LTD II, Cougar, Ranchero, T-Bird)









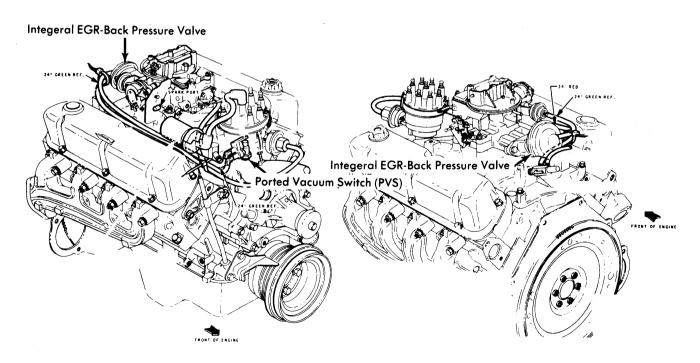
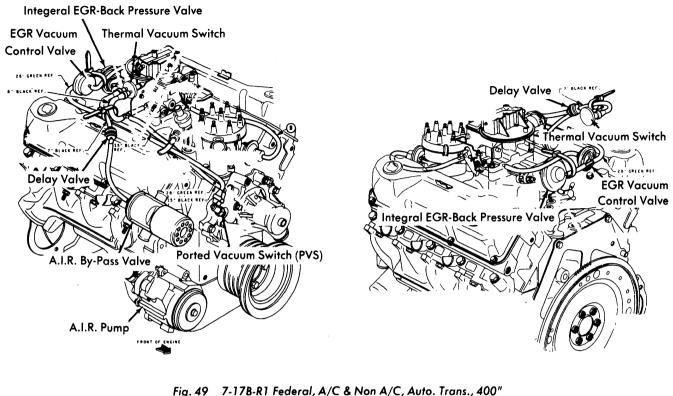
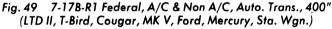


Fig. 48 7-32V-R10 Federal, Auto. Trans., 351"W (LTD II, T-Bird, Cougar, Ford)





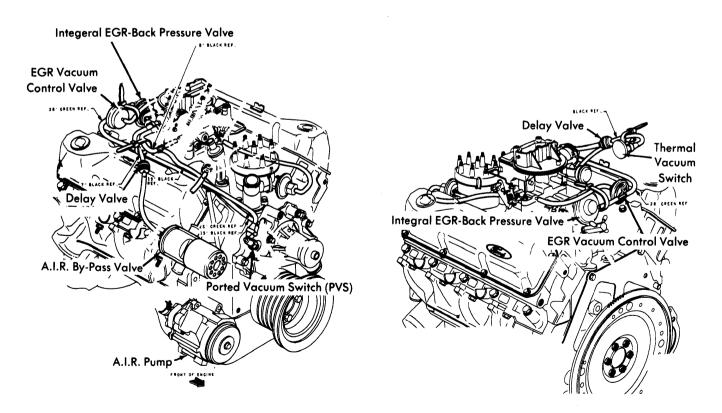


Fig. 50 7-17C-R1 Federal, A/C & Non A/C, Auto. Trans., 400" (LTD II, Cougar, Ranchero, T-Bird, LTD II Sta. Wgn., Cougar Sta. Wgn., Ford, Mercury, Ford Sta. Wgn., Mercury Sta. Wgn., MK V)

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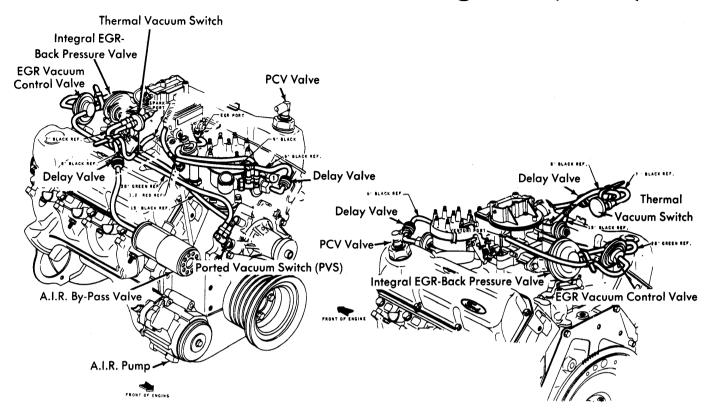


Fig. 51 7-17N-R0 Calif., A/C & Non A/C, Auto. Trans., 400" (LTD II, Cougar, Ranchero)

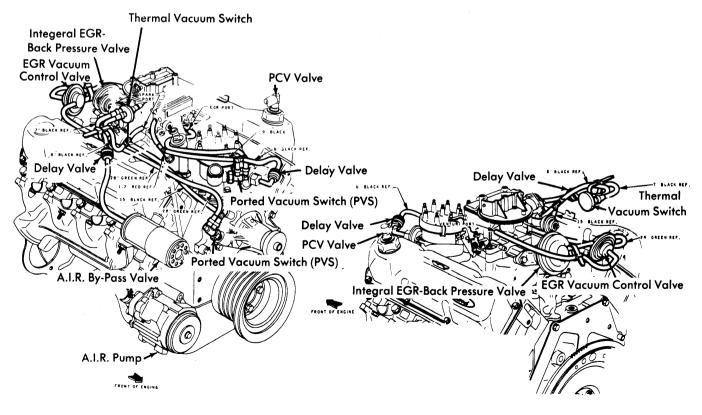
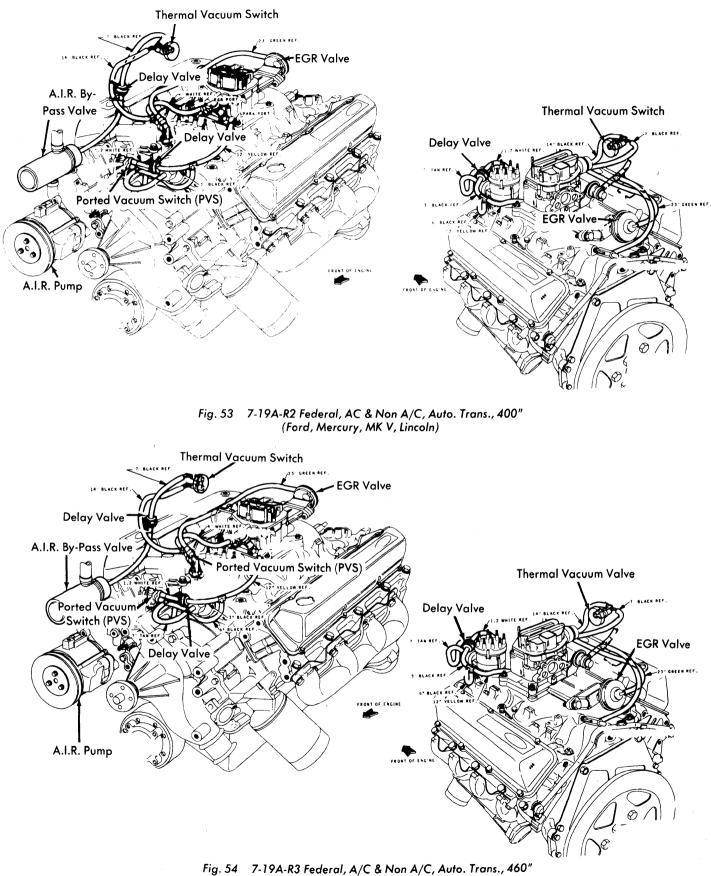


Fig. 52 7-17P-RO Calif., A/C & Non A/C, Auto. Trans., 400" (LTD II, Cougar)



(Ford, Mercury, MK V, Lincoln)

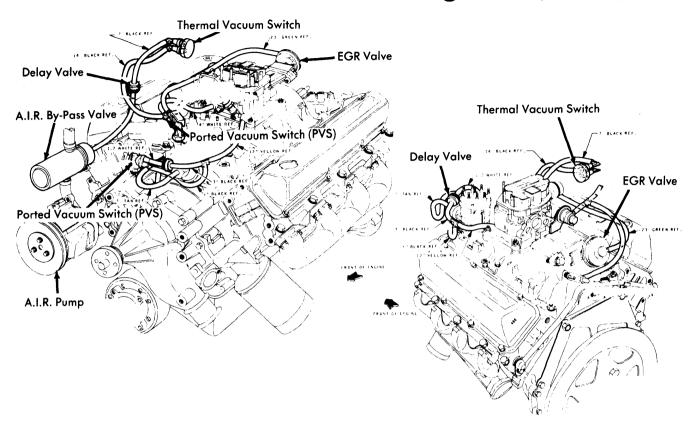


Fig. 55 7-19A-R8 Federal, A/C & Non A/C, Auto. Trans., 460" (Ford, Mercury, MK V, Lincoln)