

1982 Exhaust Emission Systems

1982 FORD MOTOR CO. VACUUM DIAGRAMS

NOTE: As Ford Motor Co. does not release its vacuum diagrams until the end of the model year, these 1982 vacuum diagrams were not included in the 1982 Emission Control Domestic Supplement. The following 1982 vacuum diagrams apply to Ford, Lincoln and Mercury models.

1982 FORD MOTOR CO. VACUUM DIAGRAM INDEX

Engine & Model	Application	Transmission	A/C	Non A/C	Calibration	Fig. No.
1.6L (98") 4-Cylinder						
EXP, LN7	Exc. Hi. Alt.	Manual	X		1-3S-R0	1
EXP, LN7	Exc. Hi. Alt.	Manual		X	1-3S-R0	2
EXP, LN7	Exc. Hi. Alt.	Manual	X		1-3Y-R10	3
EXP, LN7	Exc. Hi. Alt.	Manual		X	1-3Y-R10	4
EXP, LN7	Exc. Hi. Alt.	Manual	X		1-3S-R11	5
EXP, LN7	Exc. Hi. Alt.	Manual		X	1-3S-R11	6
EXP, LN7	Federal	Auto.		X	1-4E-R0	7
EXP, LN7	Calif.	Auto.		X	1-4S-R0	7
EXP, LN7	Calif.	Auto.		X	1-4S-R10	7
EXP, LN7	Federal	Auto.	X		1-4E-R0	8
EXP, LN7	Calif.	Auto.	X		1-4S-R0	8
EXP, LN7	Calif.	Auto.	X		1-4S-R10	8
Escort, EXP, LN7, Lynx	Exc. Hi. Alt.	Manual			2-3B-R10	9
Escort, EXP, LN7, Lynx	Exc. Hi. Alt.	Manual	X		2-3C-R0	10
Escort, EXP, LN7, Lynx	Exc. Hi. Alt.	Manual			2-3C-R11	10
Escort, EXP, LN7, Lynx	Exc. Hi. Alt.	Manual	X		2-3E-R0	10
Escort, EXP, LN7, Lynx	Exc. Hi. Alt.	Manual		X	2-3C-R0	11
Escort, EXP, LN7, Lynx	Exc. Hi. Alt.	Manual		X	2-3E-R0	11
Escort, Lynx	Federal	Manual			2-3D-R0	12
Escort, Lynx	Federal	Manual			2-3D-R1	12
Escort, Lynx	Federal	Manual			2-3D-R16	12
Escort, EXP, LN7, Lynx	Hi. Alt.	Manual	X		2-3X-R0	13
Escort, EXP, LN7, Lynx	Hi. Alt.	Manual		X	2-3X-R0	14
Escort, EXP, LN7, Lynx	Federal	Auto.			2-4B-R10	15
Escort, EXP, LN7, Lynx	Calif.	Auto.			2-4T-R10	15
Escort, EXP, LN7, Lynx	Calif.	Auto.			2-4C-R0	16
Escort, EXP, LN7, Lynx	Calif.	Auto.			2-4C-R14	16
Escort, EXP, LN7, Lynx	Calif.	Auto.	X	X	2-4Q-R0	16
Escort, EXP, LN7, Lynx	Calif.	Auto.			2-4Q-R10	16
Escort, EXP, LN7, Lynx	Calif.	Auto.			2-4Q-R11	16
Escort, EXP, LN7, Lynx	Calif.	Auto.			2-4Q-R13	16
Escort, EXP, LN7, Lynx	Hi. Alt.	Auto.			2-4X-R0	17
Escort, EXP, LN7, Lynx	Hi. Alt.	Auto.			2-4X-R11	17
Escort, EXP, LN7, Lynx	Hi. Alt.	Auto.			2-4Y-R10	18
2.3L (140") 4-Cylinder						
Capri, Mustang Turbo	All	All			1-5F-R10	19
Capri, Cougar, Fairmont, Granada, Mustang, Zephyr	Federal	4-Spd. Man.			2-5B-R0	20
Capri, Cougar, Fairmont, Granada, Mustang, Zephyr	Federal	5-Spd. Man.			2-5B-R0	21
Capri, Fairmont, Mustang, Zephyr	Federal	Manual	X	X	2-5C-R0	22
Capri, Fairmont, Mustang, Zephyr	Federal	Manual	X	X	2-5C-R10	22
Capri, Fairmont, Mustang, Zephyr	Federal	Manual		X	2-5C-R11	23
Capri, Cougar, Fairmont, Granada, Mustang, Zephyr	Calif.	Manual	X	X	2-5N-R0	24
Capri, Cougar, Fairmont, Granada, Mustang, Zephyr	Calif.	Manual	X	X	2-5P-R0	24
Capri, Cougar, Fairmont, Granada, Mustang, Zephyr	Federal	Auto.	X	X	2-6A-R0	25
Capri, Cougar, Fairmont, Granada, Mustang, Zephyr	Federal	Auto.	X	X	2-6A-R10	25
Capri, Cougar, Fairmont, Granada, Mustang, Zephyr	Calif.	Auto.	X	X	2-6N-R0	26
Capri, Cougar, Fairmont, Granada, Mustang, Zephyr	Hi. Alt.	Auto.	X	X	2-6W-R0	27
Capri, Cougar, Fairmont, Granada, Mustang, Zephyr	Hi. Alt.	Man.			2-5W-R0	28

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1982 FORD MOTOR CO. VACUUM DIAGRAMS (Cont.)

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Engine & Model	Application	Transmission	A/C	Non A/C	Calibration	Fig. No.
2.3L (140") 4-Cylinder (Cont.) Capri, Mustang Cougar, Fairmont, Granada, Zephyr	Federal Federal	Manual Manual			2-5A-R0 2-5B-R1	29 30
3.3L (200") 6-Cylinder Thunderbird, XR7 Capri, Cougar, Fairmont, Granada, Mustang, Zephyr Cougar, Fairmont, Granada, Zephyr Capri, Cougar, Fairmont, Granada, Mustang, Zephyr Cougar, Granada Capri, Cougar, Fairmont, Granada, Mustang, Zephyr Capri, Fairmont, Mustang, Zephyr	All Calif. Federal Federal Federal Federal Hi. Alt.	Auto. Auto. Auto. Auto. Auto. Auto. Auto.	X X X X X X X	X X X X X X X	1-12B-R0 2-12B-R10 2-12T-R0 2-12T-R2 2-12T-R4 2-12T-R15 2-12W-R0	31 32 32 32 33 33 34
3.8L (230") 6-Cylinder Cougar, Granada Cougar, Granada Cougar, Granada Cougar, Granada Thunderbird, XR7 Thunderbird, XR7 Lincoln Continental Thunderbird, XR7 Thunderbird, XR7 Thunderbird, XR7 Cougar, Granada Cougar, Granada Cougar, Granada Thunderbird, XR7 Thunderbird, XR7 Lincoln Continental Lincoln Continental Cougar, Granada Cougar, Granada Thunderbird, XR7 Thunderbird, XR7 Thunderbird, XR7	Federal Federal Federal Federal Federal Federal Federal Federal Federal Federal Calif. Calif. Calif. Calif. Calif. All All Hi. Alt. Hi. Alt. Hi. Alt. Hi. Alt. Hi. Alt.	Auto. Auto.	X X	X X	2-14A-R0 2-14A-R13 2-14B-R1 2-14B-R10 2-14C-R0 2-14C-R13 2-14D-R0 2-14C-R11 2-14E-R0 2-14E-R10 2-14N-R0 2-14N-R1 2-14N-R10 2-14Q-R1 2-14Q-R11 2-14R-R1 2-14R-R11 2-14W-R0 2-14W-R10 2-14X-R10 2-14X-R0 2-14X-R1	35 35 36 37 38 38 38 39 40 41 42 42 42 42 42 43 43 44 45 45 46 46
4.2L (255") V8 Ford, Mercury Ford, Mercury Fairmont, Zephyr Capri, Mustang Capri, Mustang Thunderbird, XR7 Thunderbird, XR7 Thunderbird, XR7 Thunderbird, XR7 Ford, Mercury Capri, Mustang Fairmont, Zephyr Thunderbird, XR7	Exc. Hi. Alt. Exc. Hi. Alt. Exc. Hi. Alt. Exc. Hi. Alt. Exc. Hi. Alt. Federal Federal Federal Exc. Hi. Alt. All Hi. Alt. Hi. Alt. Hi. Alt.	Auto. Auto. Auto. Auto. Auto. Auto. Auto. Auto. Auto. Auto. Auto. Auto. Auto. Auto.	X X X X X X X X X X X X X	X X X X X X X X X X X X X	1-18U-R0 2-18U-R10 2-18B-R0 2-18B-R0 2-18B-R0 2-18B-R13 2-18C-R4 2-18C-R5 2-18C-R11 2-18Q-R0 2-18U-R11 2-18W-R0 2-18W-R0 2-18W-R0 2-18X-R0	47 47 48 49 50 51 51 52 53 54 55 56 56 57
5.0L (302") V8 Carbureted All 5.0L Models Ford, Mercury Ford, Mercury All 5.0L Models Lincoln Continental Lincoln Continental Lincoln Continental	Exc. Hi. Alt. Exc. Hi. Alt. Federal Exc. Hi. Alt. Exc. Hi. Alt. Exc. Hi. Alt. Hi. Alt.	Auto. Auto. Auto. Auto. Auto. Auto. Auto.			1-20B-R1 1-20N-R10 2-20B-R0 2-20D-R1 2-20R-R2 2-20R-R16 2-20Y-R0	58 59 60 61 62 63 64

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1982 FORD MOTOR CO. VACUUM DIAGRAMS (Cont.)

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Engine & Model	Application	Transmission	A/C	Non A/C	Calibration	Fig. No.
5.0L (302") V8 Carbureted (Cont.) Ford, Mercury Capri, Mustang Capri, Mustang Capri, Mustang Capri, Mustang	Hi. Alt.	Auto.			2-20Z-R0	65
	Federal	Manual			2-21E-R10	66
	Federal	Manual			2-21E-R11	66
	Calif.	Manual			2-21S-R0	67
	Hi. Alt.	Manual			2-21Y-R10	68
5.0L (302") V8 Central Fuel Injection (CFI) Lincoln Mark VI, Town Car Lincoln Mark VI, Town Car Lincoln Mark VI, Town Car Lincoln Mark VI, Town Car	Hi. Alt.	Auto.			1-22B-R0	69
	Calif.	Auto.			1-22P-R0	69
	Federal	Auto.			2-22A-R0	70
	Exc. Calif.	Auto.			2-22Y-R11	71
5.8L W (351") V8 Ford, Mercury Ford, Mercury	Calif.	Auto.			2-24P-R6	72
	Exc. Calif.	Auto.			2-24P-R10	73

CALIBRATION NUMBER IDENTIFICATION

To identify the calibration number, find the engine code label, generally located at the front of the engine. Although there are several label styles, the engine calibration number is shown on each label. Calibration codes will begin with the digit indicating current model year. For example, calibrations currently listed for 1982 Ford Vacuum Diagrams all begin with "2".

Each vehicle is also equipped with a decal containing emission control data applying to that vehicle and its engine. These decals are usually located on the underside of the hood, the radiator support, zip tube, fan shroud or other visible engine compartment location.

Exhaust Emission Control Label

FORD MOTOR COMPANY		EVAPORATIVE FAMILY IS	
VEHICLE EMISSION CONTROL INFORMATION		2CM	
ENGINE FAMILY CFM16V20K2C	EQP/AIP/TWC	SPARK PLUG ADSP 32	CATALYST
ENGINE DISPLACEMENT 1.6L	TRANS. MAN	GAP 042 046	
SHIFT SCHED	TRANS. GEAR	RPM FOR	
IGNITION TIMING BY DOC	NEUTRAL DRIVE	1000	
TIMING RPM-MAX		1000	
FAST HIGH CAM			
IDLE WICKDOWN	2400	2200	
CURB A/C OFF	800	750	
IDLE A/C ON	1500	450	
CHOKE SETTING	NOT ADJUSTABLE		
DASHPOT CLEARANCE	3.00 4.00 MM		
REFER TO SERVICE PUBLICATIONS FOR CHOKE ADJUSTMENT AND IDLE MIXTURE INSTRUCTIONS			
COMPLIANCE DEMONSTRATED BELOW 4000 FT			
IF CURB IDLE ADJ. IS GREATER THAN 50 RPM RE-ADJUST AUTO TRANS. LINKAGE. SEE SHOP MANUAL FOR DETAILED INSTRUCTIONS			
THIS VEHICLE CONFORMS TO USEPA AND CALIFORNIA REGULATIONS APPLICABLE TO 1982 MODEL YEAR NEW MOTOR VEHICLES INTRODUCED INTO COMM. FOR SALE IN CALIFORNIA		E2AE-9C485-AKD	

Model Year

Engine Code Labels

Code Label

4 & 6 Cylinder

Code Label

V8

Front

C	XL830AA	C	12B
2		R	10
ABCDEFGHIJKLM		S	
123 80 10°		26	
1234567890			

Calibration Base Number

Revision Level

NA671AB	
1.6 LITER	
DEARBORN ENG	
BLD	
2585145-12	
Calibration Base Number	036 00 (N)
Revision Level	800 10 2

1982 FORD MOTOR CO. VACUUM DIAGRAMS (Cont.)

Fig. 1: 1.6L; Calibration 1-3S-R0; Exc. Hi. Alt.; EXP & LN7

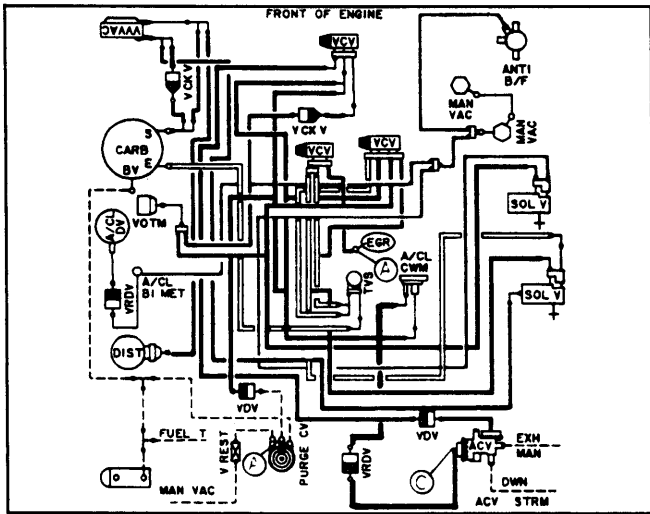


Fig. 4: 1.6L; Calibration 1-3Y-R10; Exc. Hi. Alt.; EXP & LN7

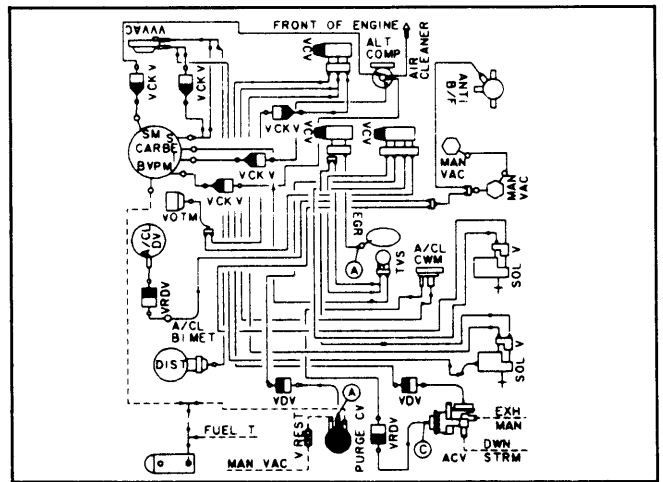


Fig. 2: 1.6L; Calibration 1-3S-R0; Exc. Hi. Alt.; EXP & LN7

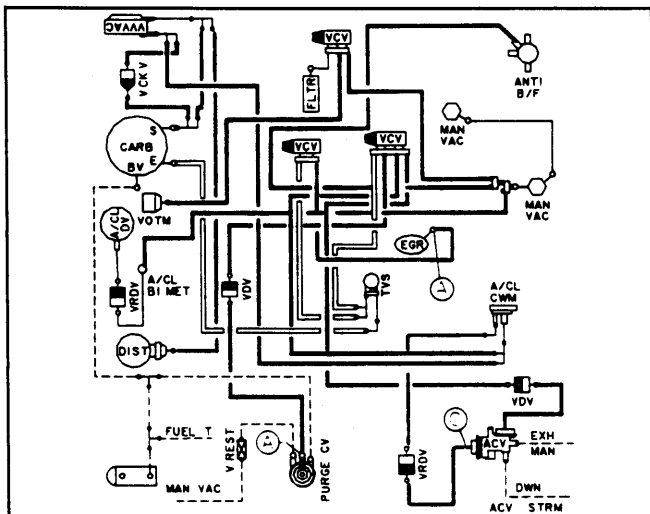


Fig. 5: 1.6L; Calibration 1-3S-R11; Exc. Hi. Alt.; EXP & LN7

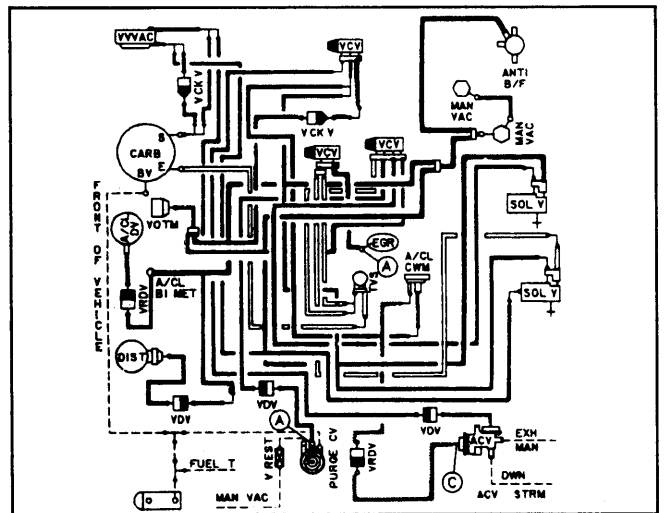


Fig. 3: 1.6L; Calibration 1-3Y-R10; Exc. Hi. Alt.; EXP & LN7

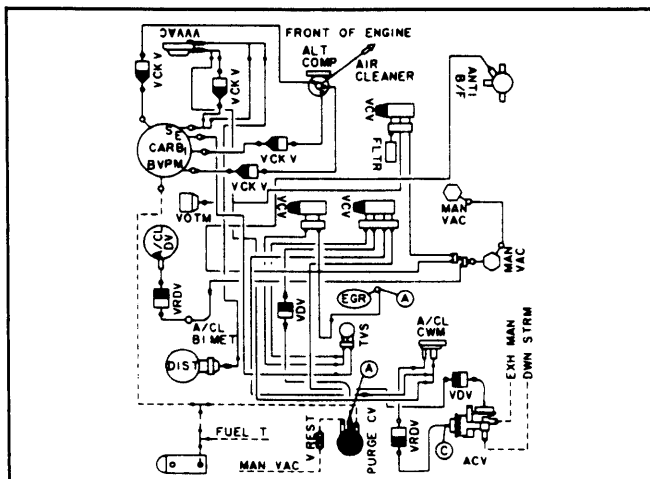
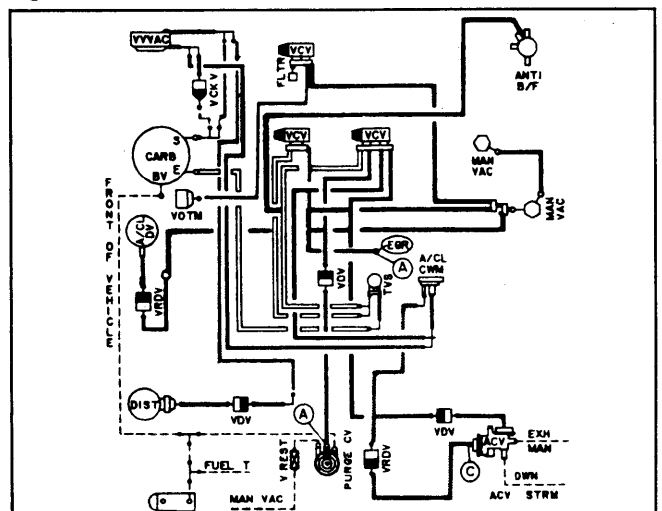


Fig. 6: 1.6L; Calibration 1-3S-R11; Exc. Hi. Alt.; EXP & LN7



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1982 FORD MOTOR CO. VACUUM DIAGRAMS (Cont.)

Fig. 7: 1.6L; Calibrations 1-4E-R0, 1-4S-R0, 1-4S-R10; Calif. & Federal; EXP & LN7

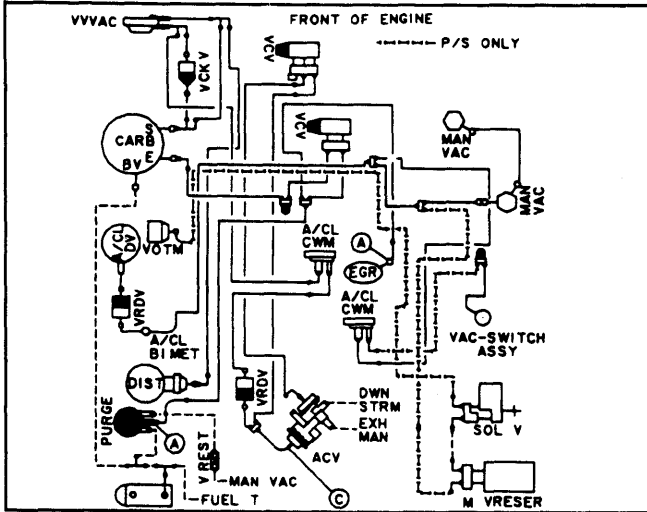


Fig. 8: 1.6L; Calibrations 1-4E-R0, 1-4S-R0, 1-4S-R10; Calif. & Federal; EXP & LN7

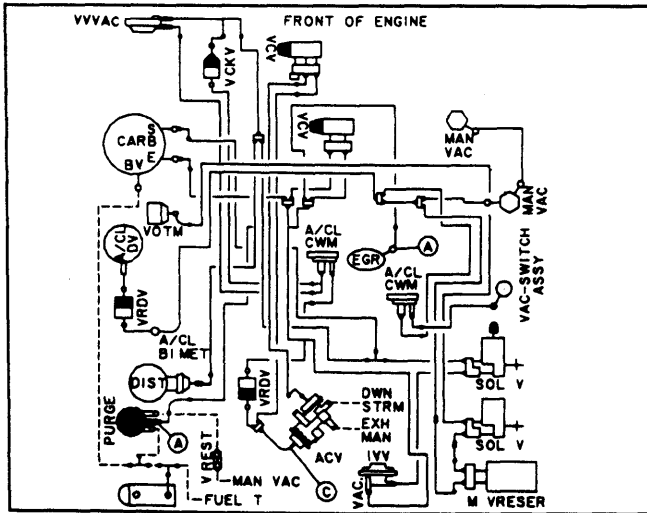


Fig. 9: 1.6L; Calibration 2-3B-R10; Exc. Hi. Alt.; Escort, EXP, LN7 & Lynx

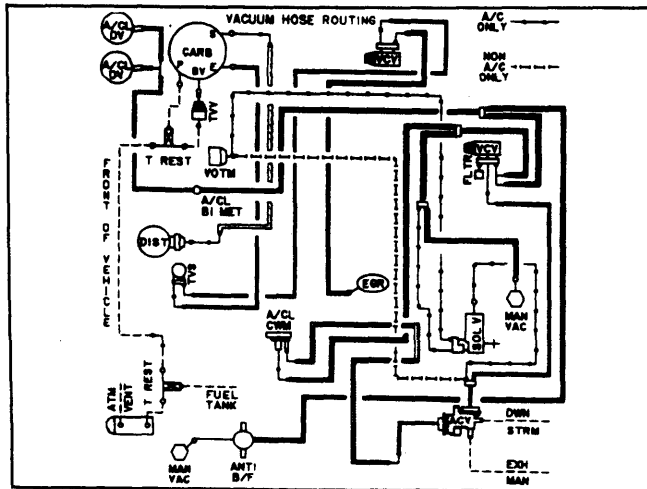


Fig. 10: 1.6L; Calibrations 2-3C-R0, 2-3C-R11, 2-3E-R0; Exc. Hi. Alt.; Escort, EXP, LN7 & Lynx

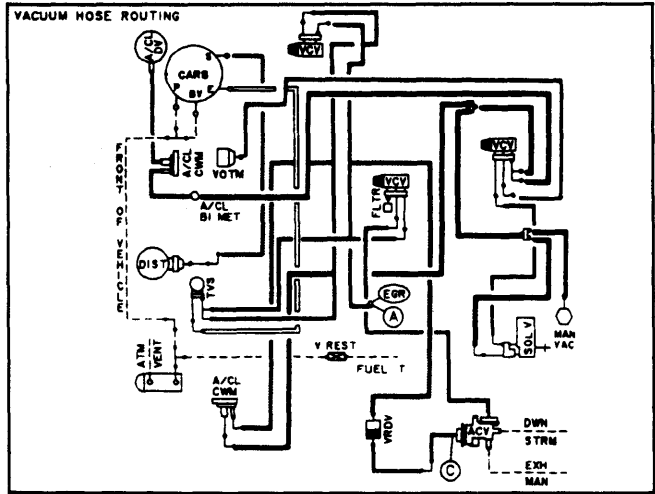


Fig. 11: 1.6L; Calibrations 2-3C-R0, 2-3E-R0; Exc. Hi. Alt.; Escort, EXP, LN7 & Lynx

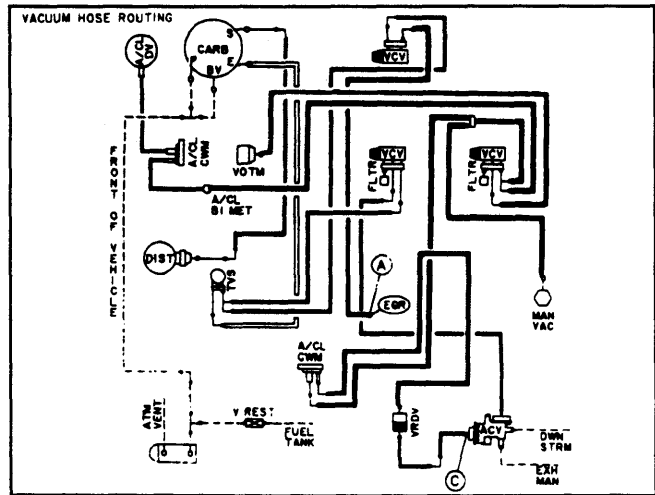
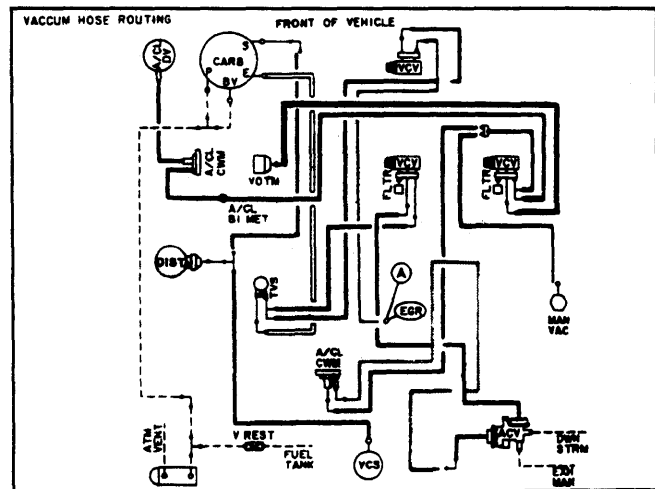


Fig. 12: 1.6L; Calibrations 2-3D-R0, 2-3D-R1, 2-3D-R16; Federal; Escort & Lynx



1982 FORD MOTOR CO. VACUUM DIAGRAMS (Cont.)

Fig. 13: 1.6L; Calibration 2-3X-R0; Hi. Alt.; Escort, EXP, LN7 & Lynx

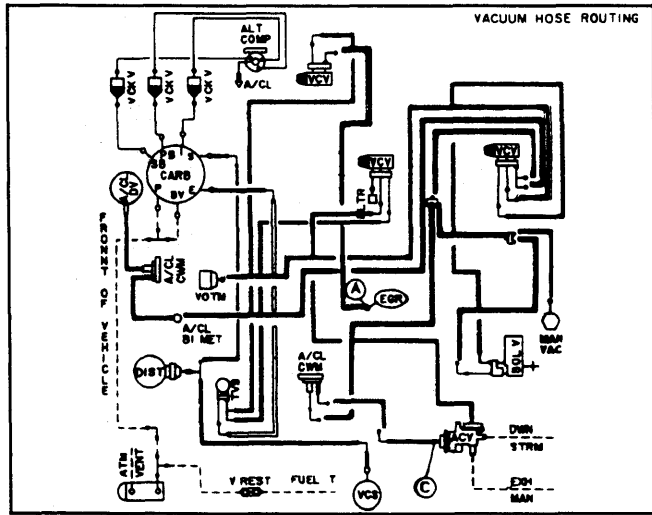


Fig. 16: 1.6L; Calibrations 2-4C-R0, 2-4C-R14, 2-4Q-R0, 2-4Q-R10, 2-4Q-R11, 2-4Q-R13; Calif.; Escort, EXP, LN7 & Lynx

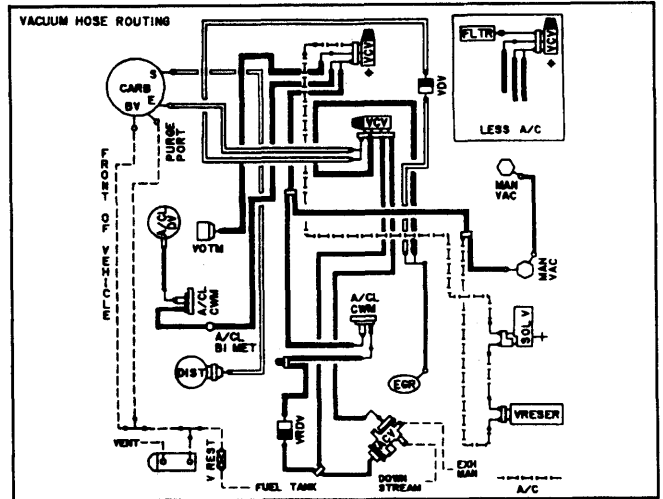


Fig. 14: 1.6L; Calibration 2-3X-R0; Hi. Alt.; Escort, EXP, LN7 & Lynx

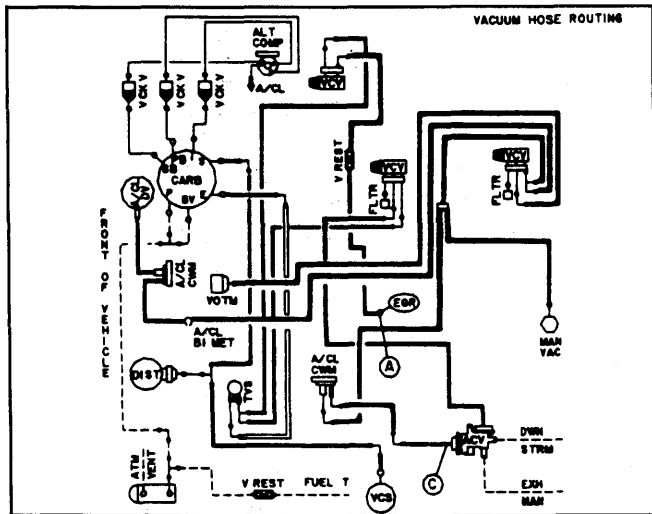


Fig. 17: 1.6L; Calibrations 2-4X-R0, 2-4X-R11; Hi. Alt.; Escort, EXP, LN7 & Lynx

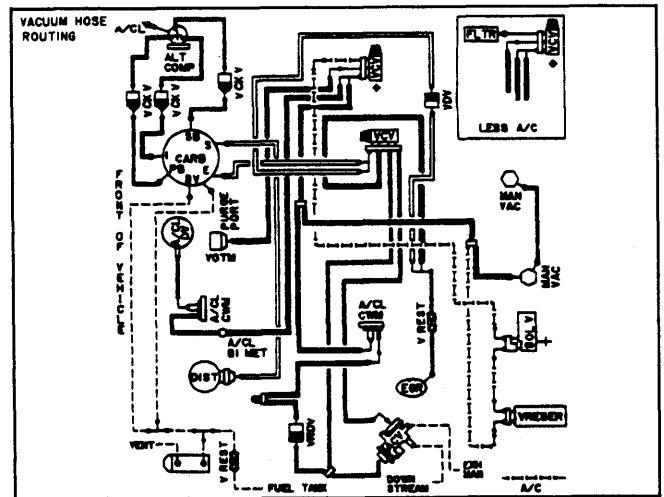


Fig. 15: 1.6L; Calibrations 2-4B-R10, 2-4T-R10; Calif. & Federal; Escort, EXP, LN7 & Lynx

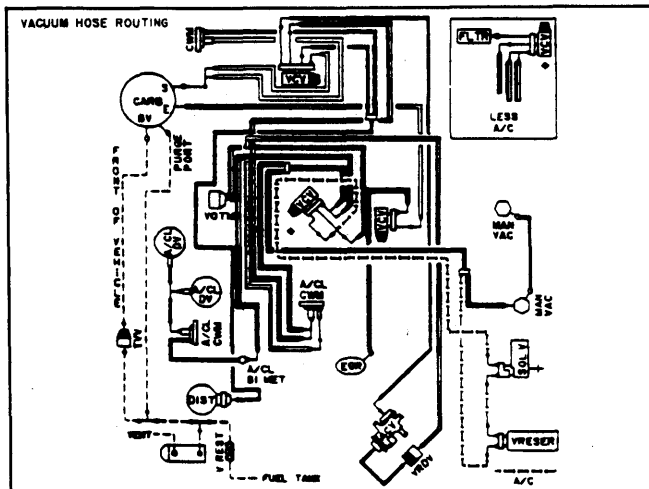
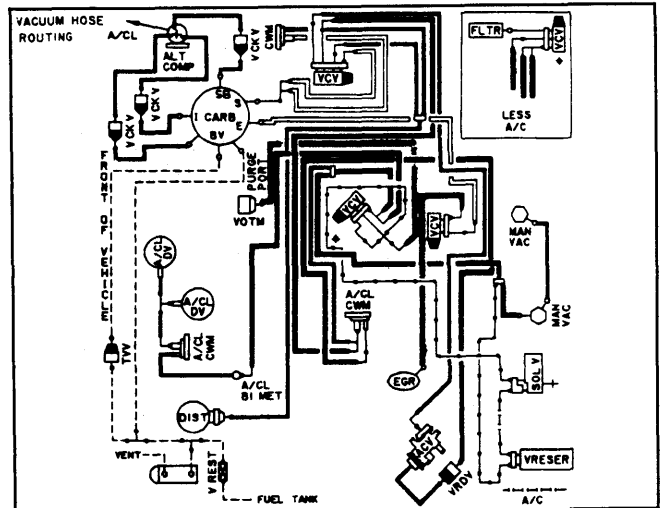


Fig. 18: 1.6L; Calibration 2-4Y-R10; Hi. Alt.; Escort, EXP, LN7 & Lynx



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1982 FORD MOTOR CO. VACUUM DIAGRAMS (Cont.)

Fig. 19: 2.3L; Calibration 1-5F-R10; Nationwide; Capri & Mustang Turbo

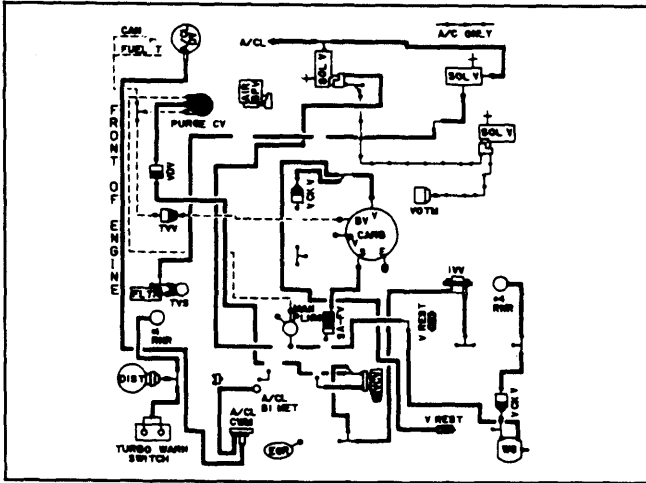


Fig. 22: 2.3L; Calibrations 2-5C-R0, 2-5C-R10; Federal; Capri, Fairmont, Mustang & Zephyr

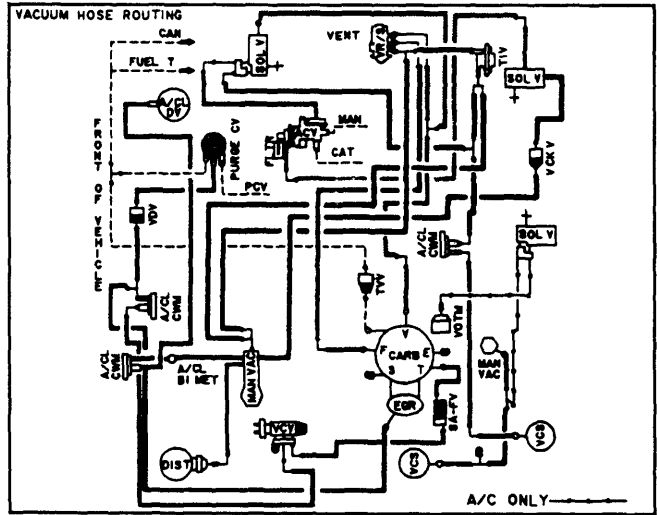


Fig. 20: 2.3L; Calibration 2-5B-R0; Federal; Capri, Cougar, Fairmont, Granada, Mustang & Zephyr

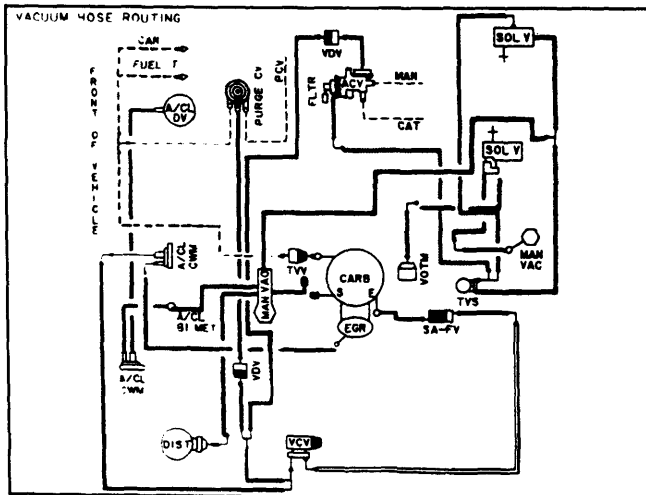


Fig. 23: 2.3L; Calibration 2-5C-R11; Federal; Capri, Fairmont, Mustang & Zephyr

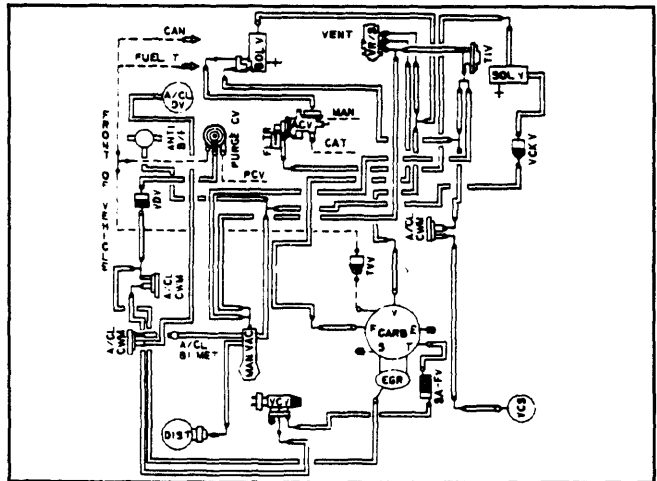


Fig. 21: 2.3L; Calibration 2-5B-R0; Federal; Capri, Cougar, Fairmont, Granada, Mustang & Zephyr

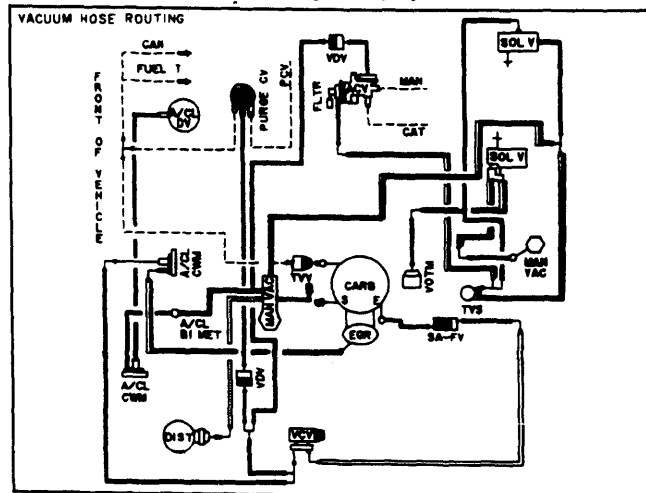
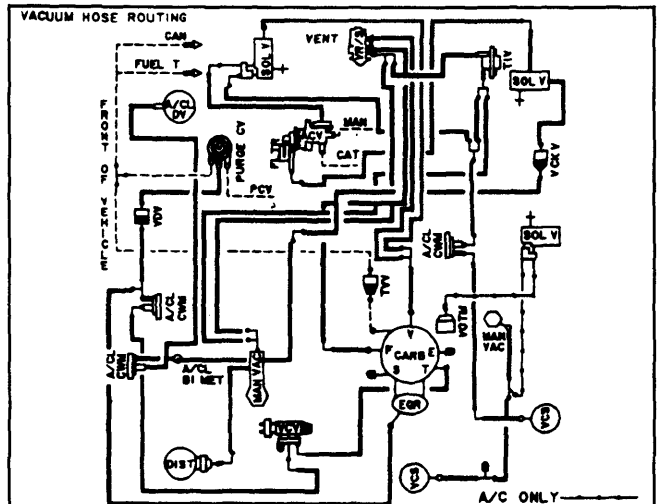


Fig. 24: 2.3L Calibrations 2-5N-R0, 2-5P-R0; Calif.; Capri, Cougar, Fairmont, Granada, Mustang & Zephyr



1982 FORD MOTOR CO. VACUUM DIAGRAMS (Cont.)

Fig. 25: 2.3L; Calibrations 2-6A-R0, 2-6A-R10; Federal; Capri, Cougar, Fairmont, Granada, Mustang & Zephyr

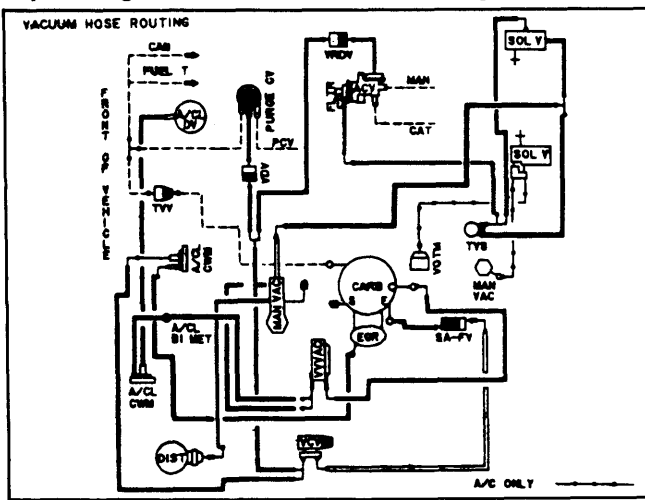


Fig. 28: 2.3L; Calibration 2-5W-R0; Hi. Alt.; Capri, Cougar, Fairmont, Granada, Mustang & Zephyr

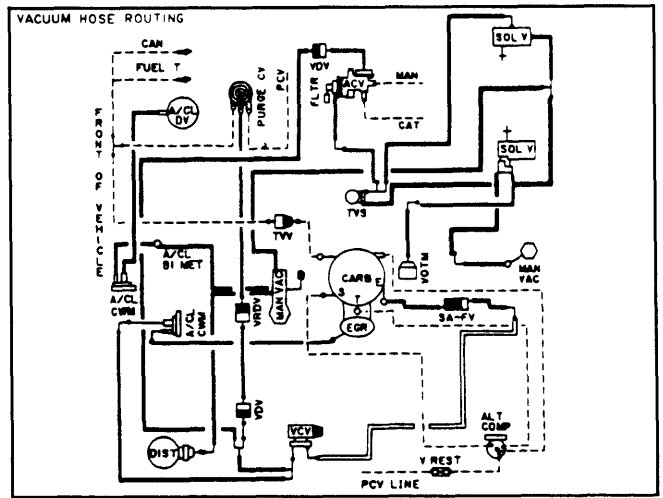


Fig. 26: 2.3L; Calibration 2-6N-R0; Calif.; Capri, Cougar, Fairmont, Granada, Mustang & Zephyr

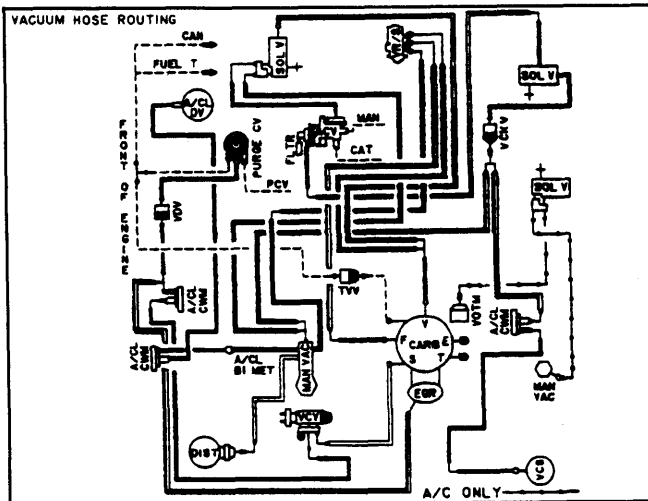


Fig. 29: 2.3L; Calibration 2-5A-R0; Federal; Capri & Mustang

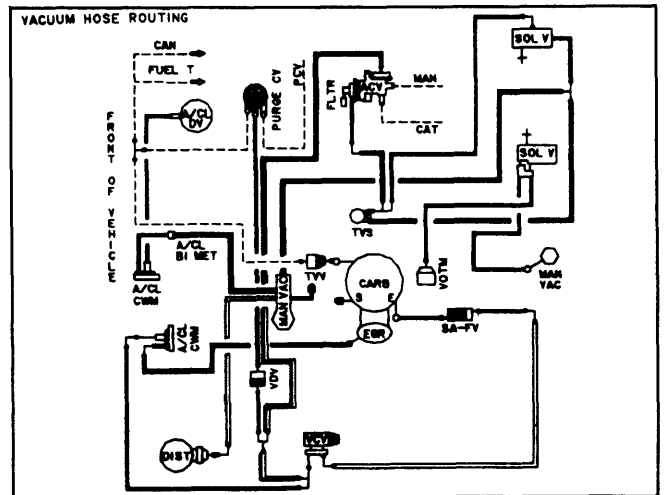


Fig. 27: 2.3L; Calibration 2-6W-R0; Hi. Alt.; Capri, Cougar, Fairmont, Granada, Mustang & Zephyr

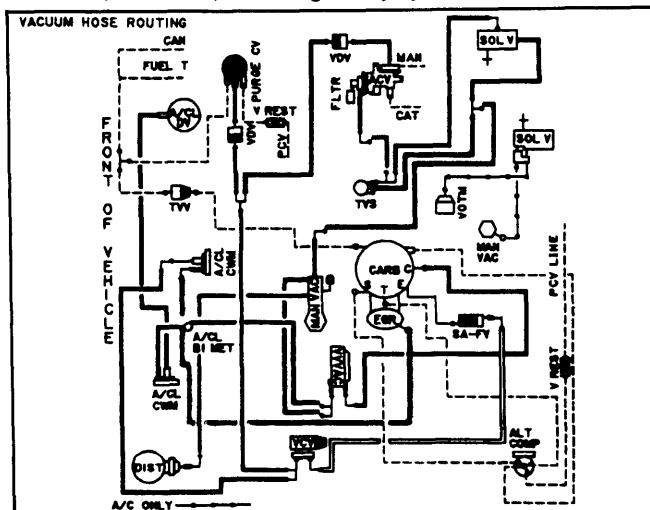
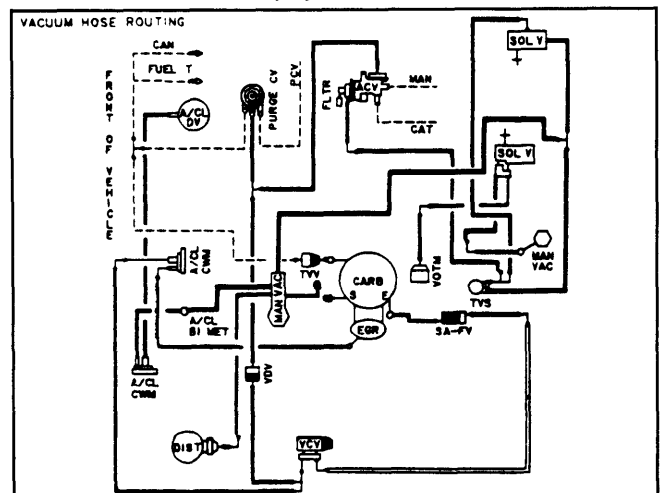


Fig. 30: 2.3L; Calibration 2-5B-R1; Federal; Cougar, Fairmont, Granada & Zephyr



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Fig. 31: 3.3L; Calibration 1-12B-R0; Nationwide; Thunderbird & XR7

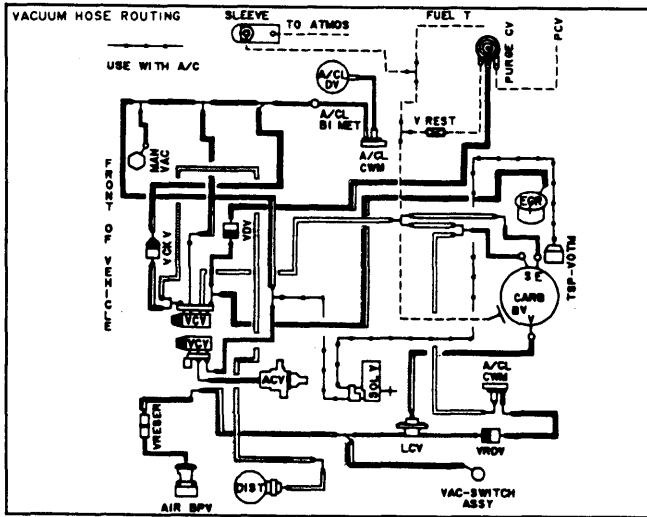


Fig. 32: 3.3L; Calibrations 2-12B-R10, 2-12T-R0, 2-12T-R2; Calif. & Federal; Capri, Cougar, Fairmont, Granada, Mustang & Zephyr

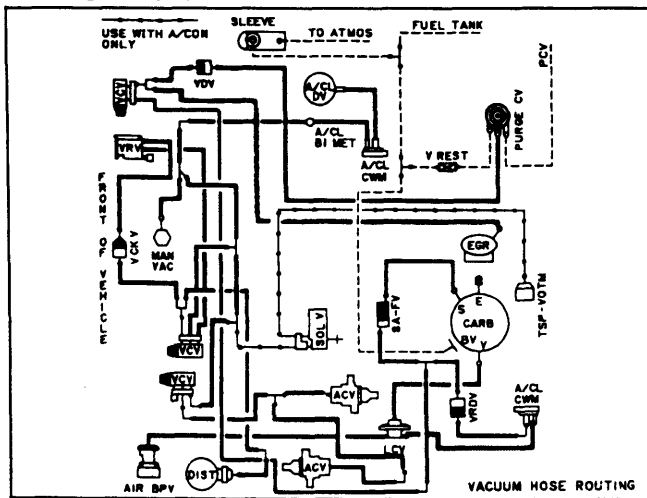


Fig. 33: 3.3L; Calibrations 2-12T-R4, 2-12T-R15; Federal; Capri, Cougar, Fairmont, Granada, Mustang & Zephyr

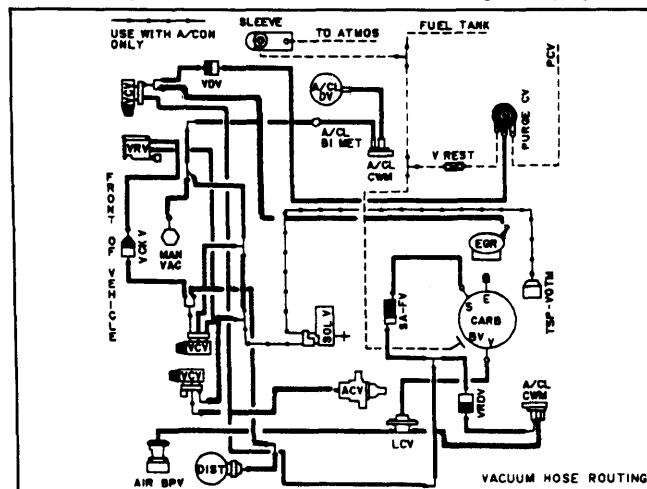


Fig. 34: 3.3L; Calibration 2-12W-R0; Hi. Alt.; Capri, Fairmont, Mustang & Zephyr

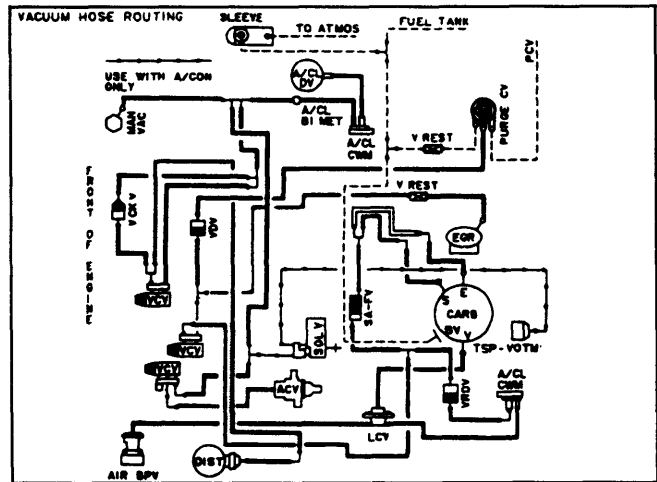


Fig. 35: 3.8L; Calibrations 2-14A-R0, 2-14A-R13; Federal; Cougar & Granada

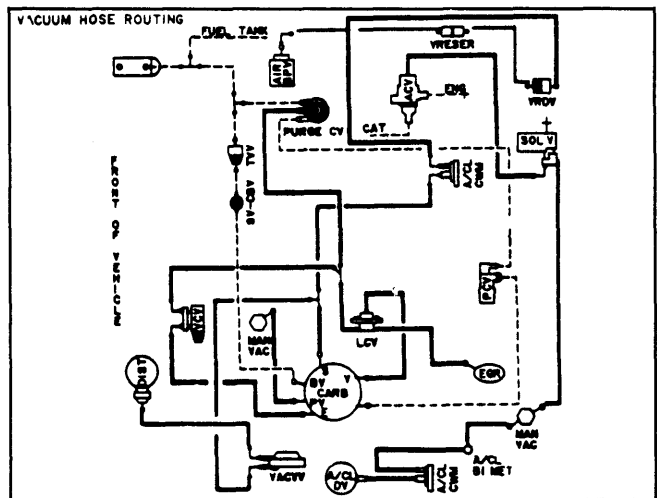
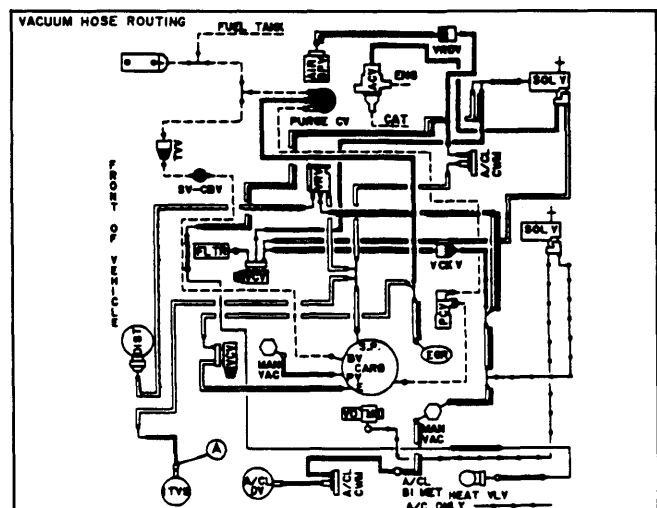


Fig. 36: 3.8L; Calibration 2-14B-R1; Federal; Cougar & Granada



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Fig. 43: 3.8L; Calibrations 2-14R-R1, 2-14R-R11; Nationwide; Lincoln Continental

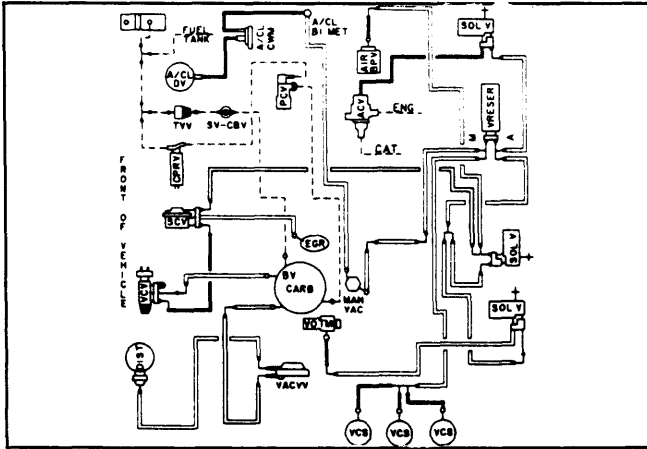


Fig. 46: 3.8L; Calibrations 2-14X-R0, 2-14X-R1; Hi. Alt.; Thunderbird & XR7

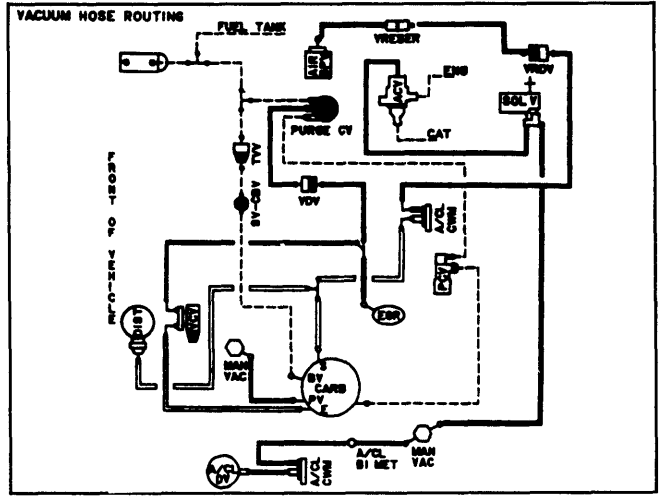


Fig. 44: 3.8L; Calibration 2-14W-R0; Hi. Alt.; Cougar & Granada

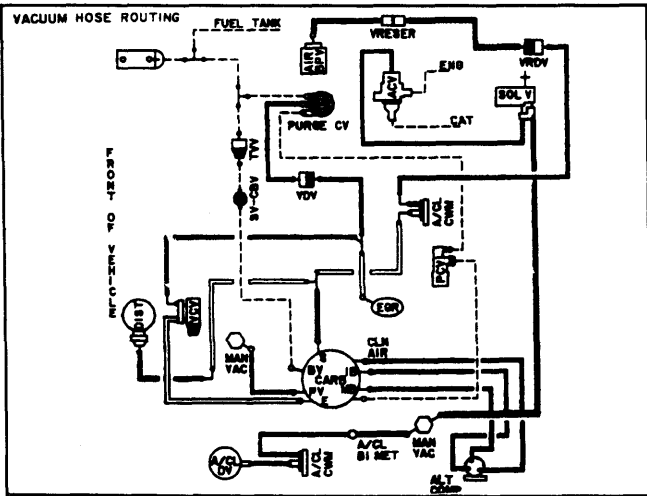


Fig. 47: 4.2L; Calibrations 1-18U-R0, 2-18U-R10; Exc. Hi. Alt.; Ford & Mercury

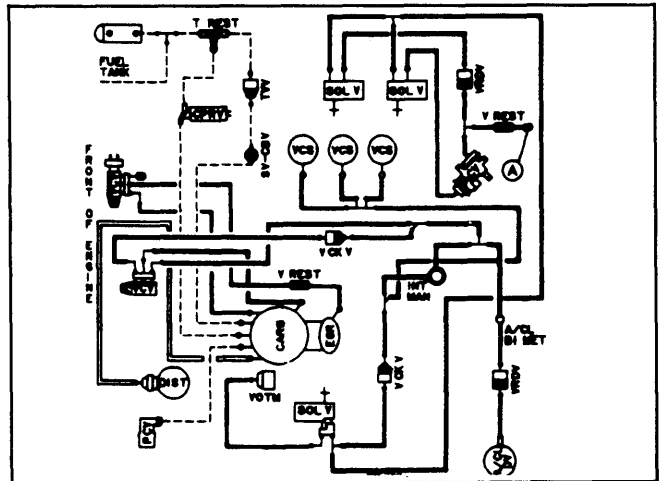


Fig. 45: 3.8L; Calibrations 2-14W-R10, 2-14X-R10; Hi. Alt.; Cougar, Granada, Thunderbird & XR7

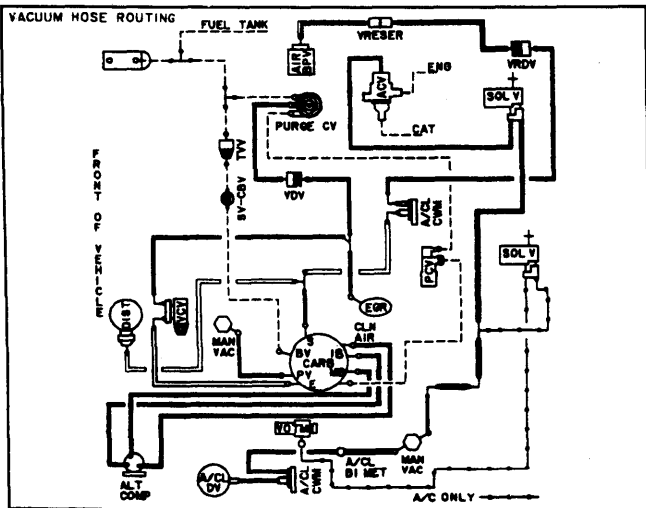
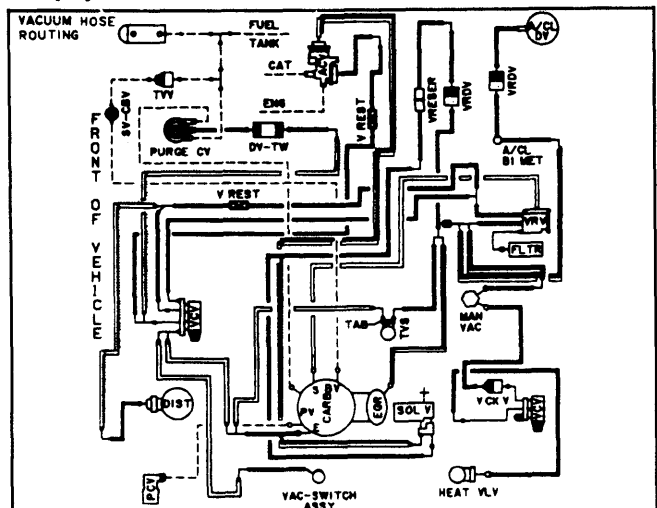


Fig. 48: 4.2L; Calibration 2-18B-R0; Exc. Hi. Alt.; Fairmont & Zephyr



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Fig. 49: 4.2L; Calibration 2-18B-R0; Exc. Hi. Alt.; Capri & Mustang

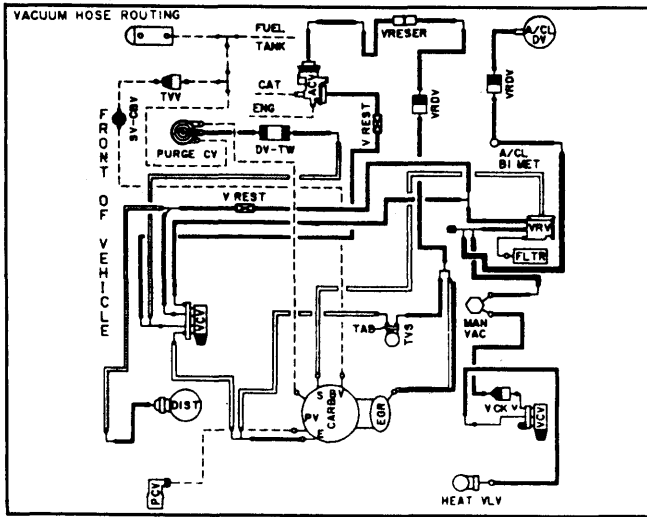


Fig. 52: 4.2L; Calibration 2-18C-R11; Federal; Thunderbird & XR7

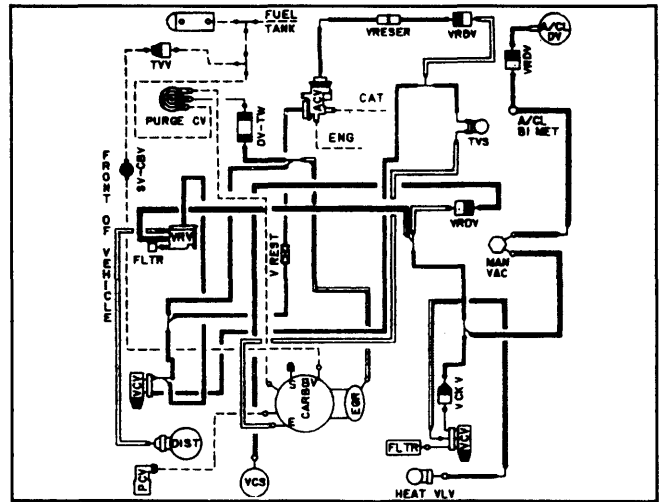


Fig. 50: 4.2L; Calibration 2-18B-R13; Exc. Hi. Alt.; Capri & Mustang

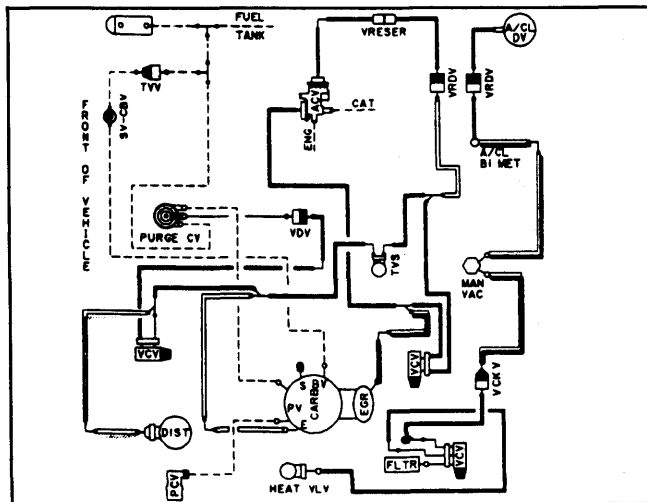


Fig. 53: 4.2L; Calibration 2-18Q-R0; Exc. Hi. Alt.; Thunderbird & XR7

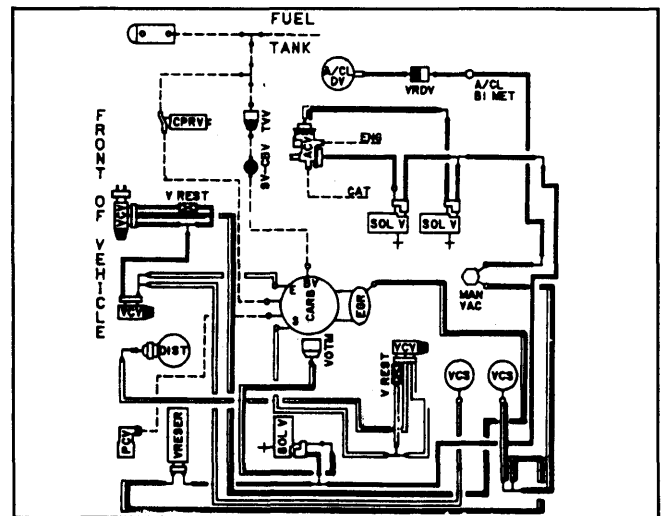


Fig. 51: 4.2L; Calibrations 2-18C-R4, 2-18C-R5; Federal; Thunderbird & XR7

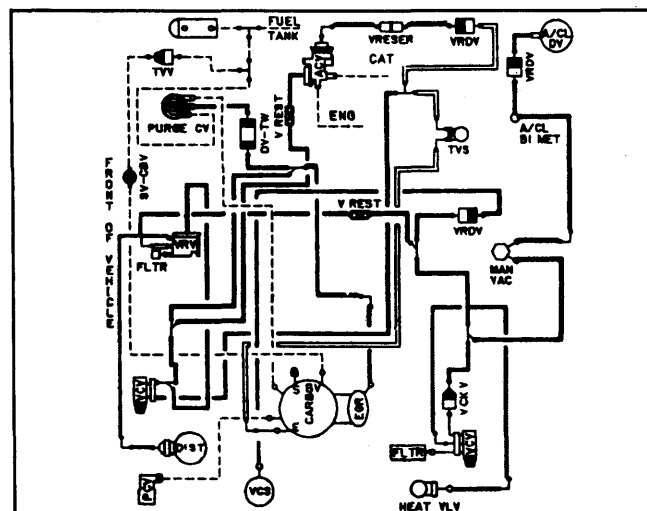
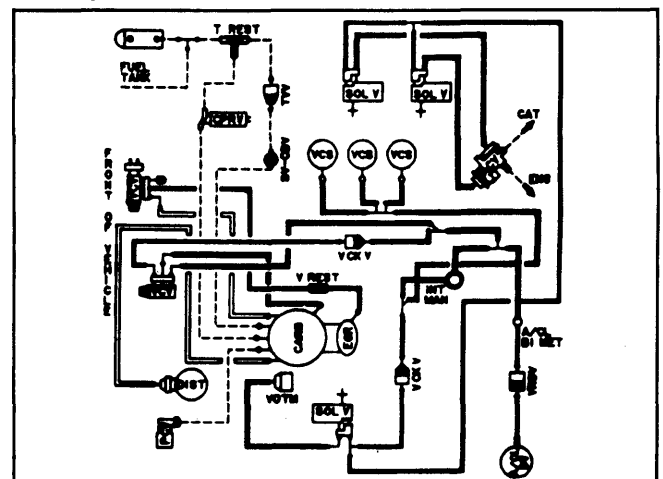


Fig. 54: 4.2L; Calibration 2-18U-R11; Nationwide; Ford & Mercury



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Fig. 61: 5.0L; Calibration 2-20D-R1; Exc. Hi. Alt.; All 5.0L Carbureted Models

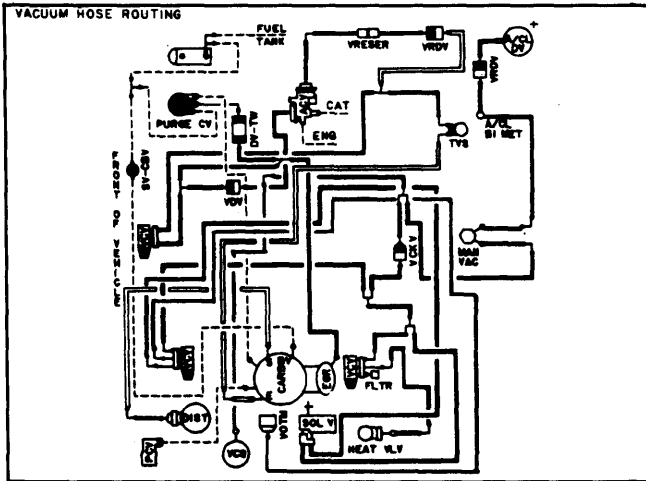


Fig. 64: 5.0L; Calibration 2-20Y-R0; Hi. Alt.; Lincoln Continental

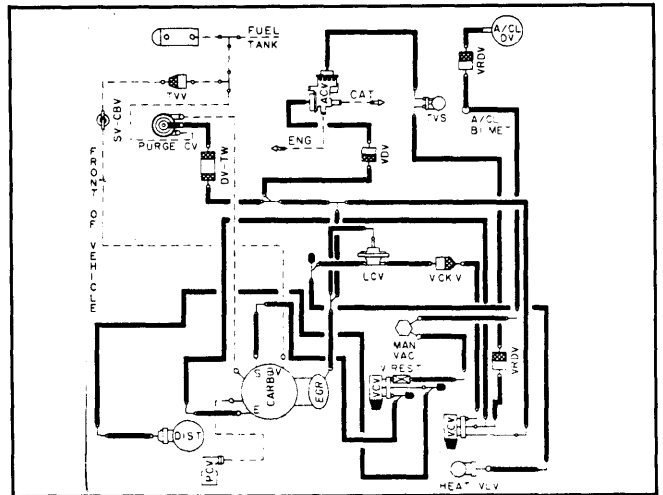


Fig. 62: 5.0L; Calibration 2-20R-R2; Exc. Hi. Alt.; Lincoln Continental

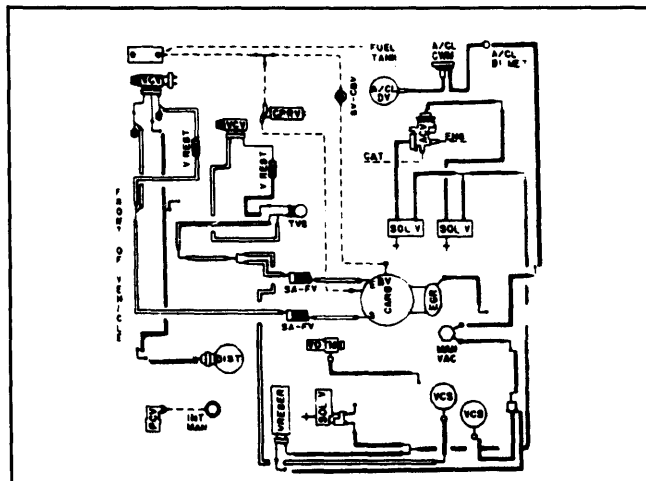


Fig. 65: 5.0L; Calibration 2-20Z-R0; Hi. Alt.; Ford & Mercury

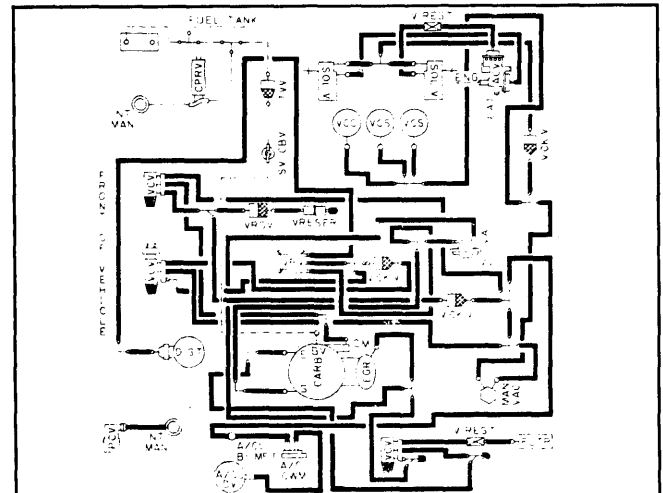


Fig. 63: 5.0L; Calibration 2-20R-R16; Exc. Hi. Alt.; Lincoln Continental

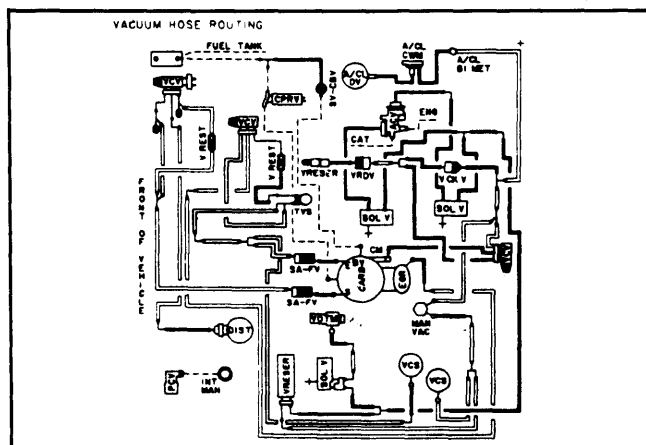
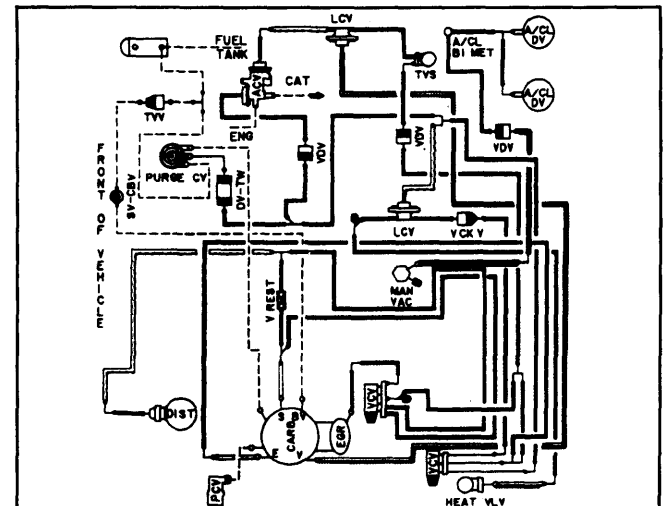


Fig. 66: 5.0L; Calibrations 2-21E-R10, 2-21E-R11; Federal; Capri & Mustang



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Fig. 67: 5.0L; Calibration 2-21S-R0; Calif.; Capri & Mustang

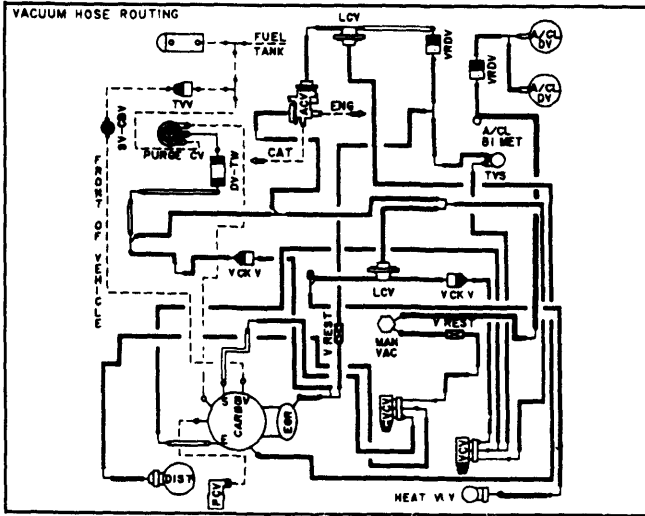


Fig. 70: 5.0L; Calibration 2-22A-R0; Federal; Lincoln Mark VI & Town Car (CFI)

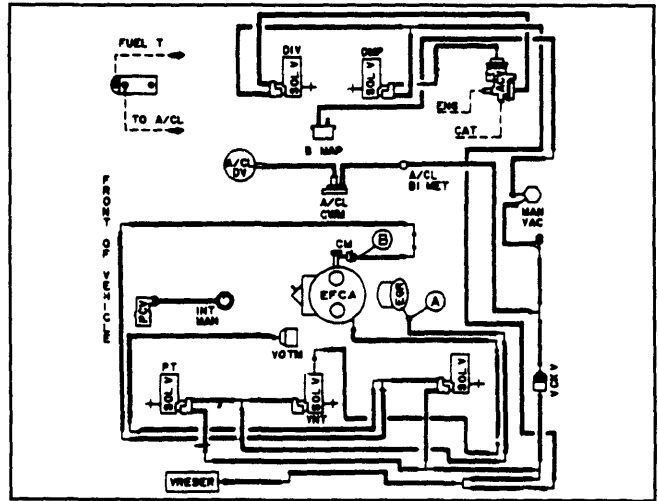


Fig. 68: 5.0L; Calibration 2-21Y-R10; Hi. Alt.; Capri & Mustang

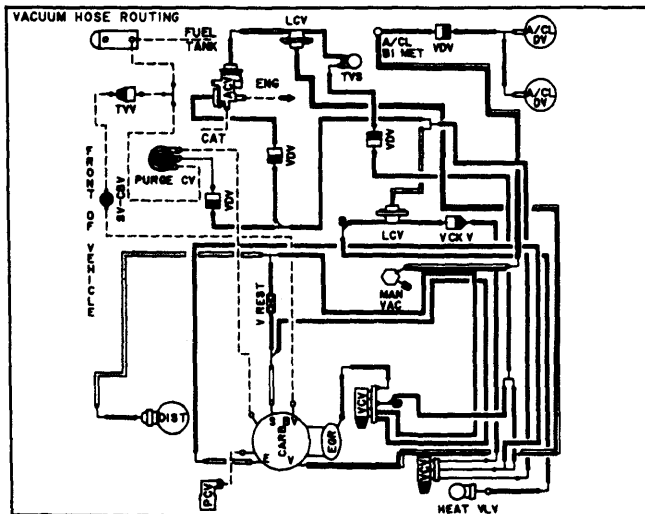


Fig. 71: 5.0L; Calibration 2-22Y-R11; Exc. Calif.; Lincoln Mark VI & Town Car (CFI)

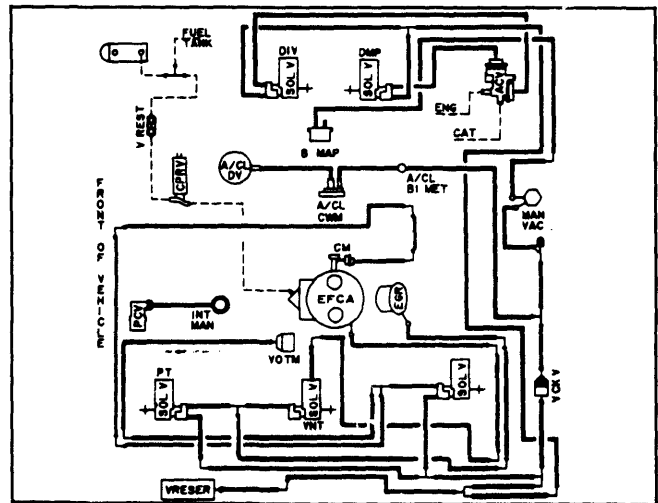


Fig. 69: 5.0L; Calibrations 1-22B-R0, 1-22P-R0; Calif. & Hi. Alt.; Lincoln Mark VI & Town Car (CFI)

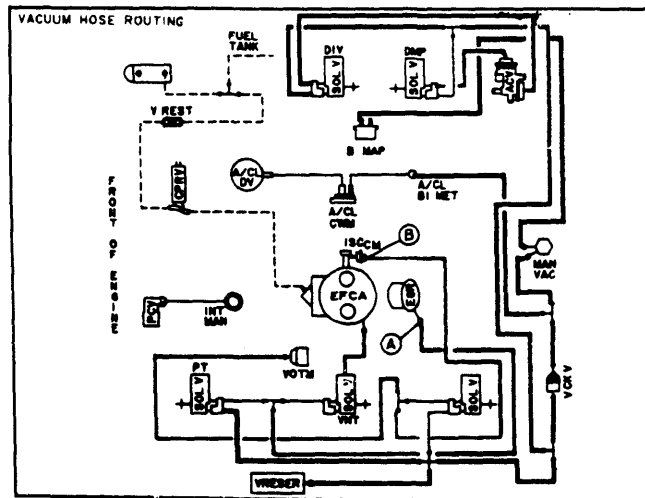
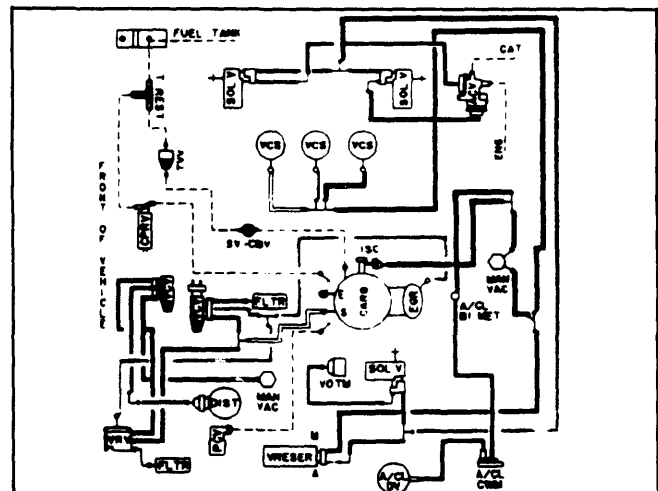


Fig. 72: 5.8L (W); Calibration 2-24P-R6; Calif.; Ford & Mercury



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Fig. 73: 5.8L (W); Calibration 2-24P-R10; Exc. Calif.; Ford & Mercury

