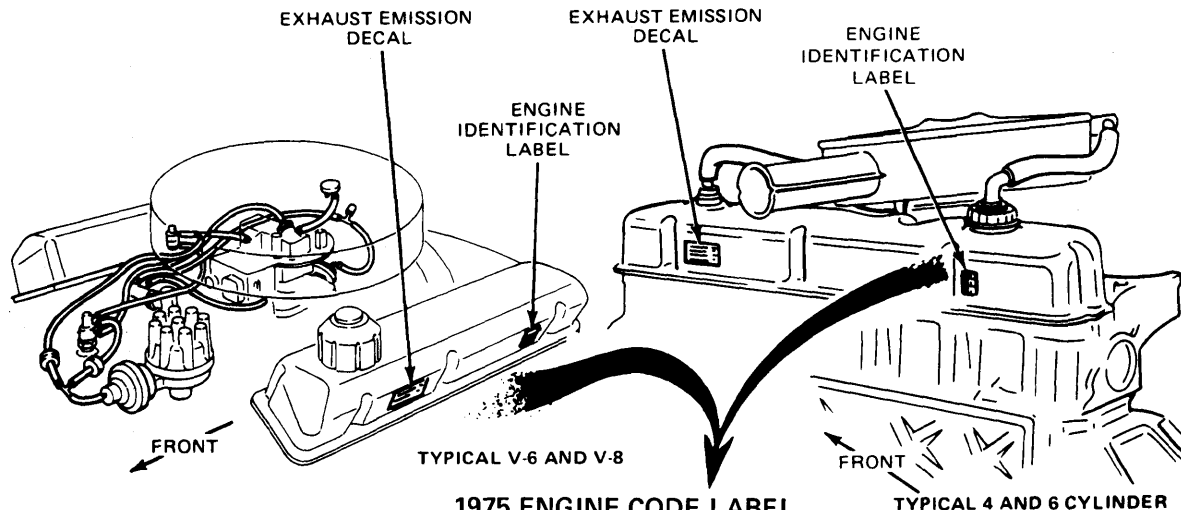


1975 EXHAUST EMISSION SYSTEMS

Ford Motor Co. Vacuum Diagrams

To find correct vacuum diagram usage, refer to engine identification label (not colored exhaust emission decal). Label is located at rear of left rocker cover on V6 or V8 engines or left side rear on four and six cylinder engines. Determine calibration and revision (see illustration). Using following table; match model, engine, transmission, calibration and revision level to determine illustration number of vacuum diagram to be used.

tion and revision (see illustration). Using following table; match model, engine, transmission, calibration and revision level to determine illustration number of vacuum diagram to be used.



POS. 1 (YR.)	50 STATE	49 STATE	CALIFORNIA CODING)
-----------------	-------------	-------------	-----------------------

0	0	A	L
1	1	B	M
2	2	C	N
3	3	D	P
4	4	E	R
5	5	F	S
6	6	G	T
7	7	H	U
8	8	J	W
9	9	K	X

1975 ENGINE CODE LABEL IDENTIFICATION CHART

BASE

(DISPLACEMENT)
(VEHICLE APPLICATION)
(INERTIA WEIGHT)
(AXLE RATIO)
(TRANSMISSION)

- A - AIR-CONDITIONING
- B - NON AIR/CONDITIONING
- C - INDUSTRIAL & MARINE
- D - EXPORT
- E - OVER 6000 LBS/NON THERM
- F - THERMACTOR WITHOUT A/C
- G - A/C OR NON A/C ENGINES
- H - POWER STEERING
- J - THERMACTOR WITH A/C
- K - THERMACTOR A/C OR NON A/C

DESIGN LEVEL A - USED TO INDICATE
INITIAL RELEASE FOR 1975
CALIB & REVISION LEVEL
A - USED TO INDICATE
INITIAL RELEASE
FOR 1975

ENGINE
BUILD
DATE



(PLANT OPTION)
DENOTES CARB & DIST
USED ON ENGINE

CALIBRATION NUMBER

REVISION LEVEL

SERVICE LEVEL
(CONTROLLED BY
INDIVIDUAL PLANTS)

DENOTES PLANT SOURCED TO PRODUCE ENGINES

D	—	DEARBORN ENGINE PLANT
L	—	LIMA ENGINE PLANT
C1	—	CLEVELAND ENGINE PLT 1
C2	—	CLEVELAND ENGINE PLT 2
W1	—	WINDSOR ENGINE PLT 1
W2	—	WINDSOR ENGINE PLT 2

INITIAL TIMING
(PLANT OPTION)

RPM SETTING
(PLANT OPTION)

5FO01

1975 ENGINE CODE LABEL

1975 EXHAUST EMISSION SYSTEMS

Ford Motor Co. Vacuum Diagrams (Cont.)

VACUUM SYSTEM DIAGRAMS				
Vehicle	Transmission	Calibration	Revision	Illus. No.
2300 cc 2-Bbl. Pinto, Bobcat Mustang Pinto, Bobcat, Mustang Pinto, Pinto S.W., Bobcat, Mustang Pinto, Bobcat, Mustang	Auto. Trans. Auto. Trans. Auto. Trans. Man. Trans. Man. Trans.	5-1A 5-1B 5-1P 5-2A 5-2N	R-2 R-0 R-0 R-3 R-1	1, 2 3, 4 5, 6 7, 8 9, 10
2800 cc 2-Bbl. Mustang Pinto Mustang Pinto, Bobcat, Mustang	Man. Trans. Auto. Trans. Auto. Trans. Auto. Trans.	5-3N 5-4G 5-4G 5-4N	R-1S R-40 R-40S R-2, R-2S	11, 12 13 13 14, 15
200" 1-Bbl. Maverick, Comet, Granada, Monarch Maverick, Comet	Man. Trans. Auto. Trans.	5-6G 5-7G	R-2 R-4	16 17, 18
250" 1-Bbl. Maverick, Comet, Granada, Monarch Maverick, Comet, Granada, Monarch Maverick, Comet, Granada, Monarch Maverick, Comet, Granada, Monarch Granada, Monarch Maverick, Comet, Granada, Monarch	Man. Trans. Man. Trans. Man. Trans. Auto. Trans. Auto. Trans. Auto. Trans.	5-8A 5-8G 5-8N 5-9A 5-9G 5-9N	R-2, R-3 R-3, R-5 R-3, R-3S R-7 R-2 R-7, R-7S	19, 20 21, 22 23, 24 25, 26 27, 28 29, 30
302" 2-Bbl. Maverick, Comet Granada, Monarch Mustang Maverick, Comet Granada, Monarch Mustang Granada, Monarch Maverick, Comet Maverick, Comet	Man. Trans. Man. Trans. Auto. Trans. Auto. Trans. Auto. Trans. Auto. Trans. Auto. Trans. Auto. Trans. Auto. Trans. Auto. Trans.	5-10B 5-10G 5-11A 5-11C 5-11G 5-11N 5-11P 5-11Q 5-11Q	R-3 R-2 R-2, R-2S R-0 R-5 R-4, R-4S R-3, R-3S R-0 R-0S	31 32 33, 34 35 36 37 38 39 40
351M" 2-Bbl. Ford, Mercury, Torino, Cougar, Montego Ford, Torino, Montego, Cougar Ford, Mercury, Torino, Montego, Cougar Ford, Mercury, Torino, Montego, Cougar	Auto. Trans. Auto. Trans. Auto. Trans. Auto. Trans.	5-14H 5-14H 5-14P 5-14P	R-52E R-52ES, R-53S R-51 R-51S, R-53S	41 41 41 41
351W" 2-Bbl. Granada, Monarch Torino, Montego Torino, Montego, Cougar, Elite Granada, Monarch	Auto. Trans. Auto. Trans. Auto. Trans. Auto. Trans.	5-12A 5-12G 5-12G 5-12N	R-5 R-4 R-4S R-5S	42, 43 44 44 45
400" 2-Bbl. Ford, Mercury, Torino, Montego, Cougar Torino, Montego, Cougar Torino, Montego, Cougar Ford, Mercury, Torino, Montego, Cougar Ford, Mercury, Torino, Montego, Cougar	Auto. Trans. Auto. Trans. Auto. Trans. Auto. Trans. Auto. Trans.	5-17G 5-17G 5-17G 5-17N 5-17N	R-6 R-6S R-11S R-6 R-8, R-8S	46 46 46 47 48

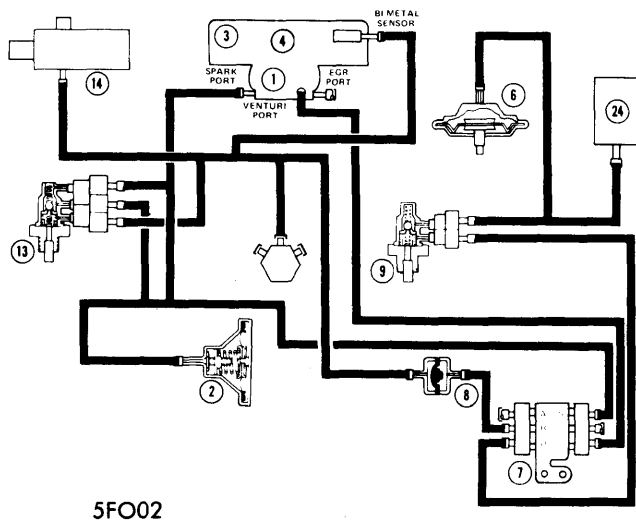
1975 EXHAUST EMISSION SYSTEMS

Ford Motor Co. Vacuum Diagrams (Cont.)

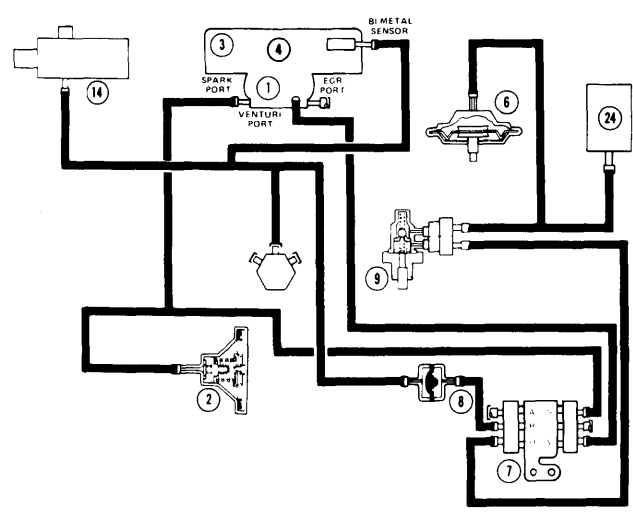
VACUUM SYSTEM DIAGRAMS				
Vehicle	Transmission	Calibration	Revision	Illus. No.
460" 4-Bbl.				
Ford, Mercury, Mercury P.I. Torino, Montego	Auto. Trans.	5-19G	R-6	49
Ford, Mercury, Ford & Mercury P.I., Thunderbird, Mark IV, Lincoln	Auto. Trans.	5-19G	R-6X	49
Ford, Mercury, Torino, Montego, Cougar	Auto. Trans.	5-19J	R-6, R-6S	49
Ford, Mercury, Torino, Montego, Cougar	Auto. Trans.	5-19K	R-6, R-6X	49
Torino, Montego, Cougar	Auto. Trans.	5-19N	R-7	50
Ford, Mercury, Ford & Mercury P.I., Thunderbird, Mark IV, Lincoln	Auto. Trans.	5-19N	R-7X	51

Tariffed numbers on Vacuum Diagrams are decoded as follows:

- | | |
|---|--|
| <ul style="list-style-type: none"> 1 — Carburetor 2 — Distributor 3 — Air Cleaner 4 — Air Cleaner Duct & Valve 5 — Retard Delay Valve 6 — EGR Valve 7 — Venturi Vacuum Amplifier 8 — Vacuum Check Valve 9 — EGR PVS 10 — Delay Valve 11 — Heat Control Valve PVS 12 — Vacuum Solenoid | <ul style="list-style-type: none"> 13 — Cooling PVS 14 — Thermactor Air By-Pass Valve 15 — Thermactor Differential Vacuum Control Valve 16 — Thermactor Air Pump 17 — Vacuum Solenoid 18 — Thermactor Air Supply Check Valve 19 — Fuel Decel Valve 20 — Low Speed Modulator 21 — PCV Valve 22 — Exhaust Heat Control Valve 23 — Exhaust Heat Control Valve Bi-Metal (300" Only) 24 — Vacuum Reservoir 25 — Fuel Separator 26 — Fast Idle Speed |
|---|--|



VACUUM DIAGRAM NO. 1 (W/AC)

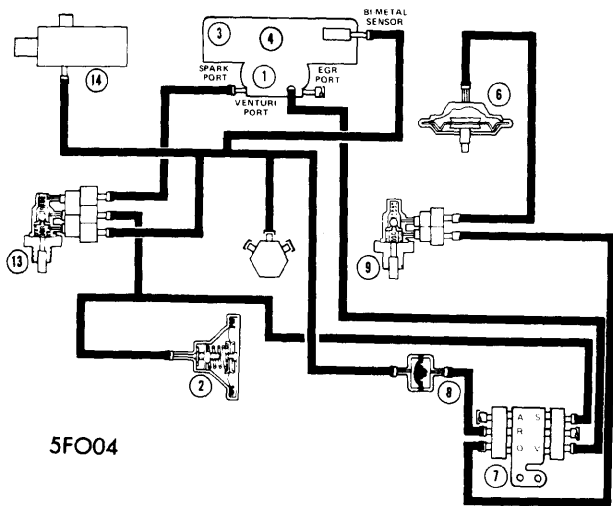


VACUUM DIAGRAM NO. 2 (W/O AC)

1975 EXHAUST EMISSION SYSTEMS

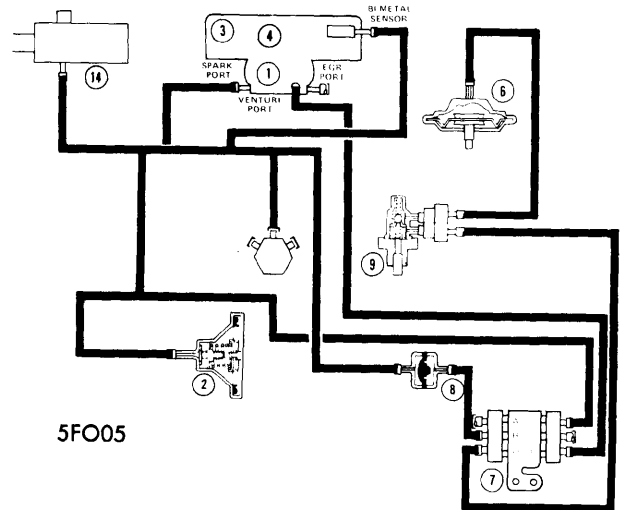
Ford Motor Co. Vacuum Diagrams (Cont.)

3-147



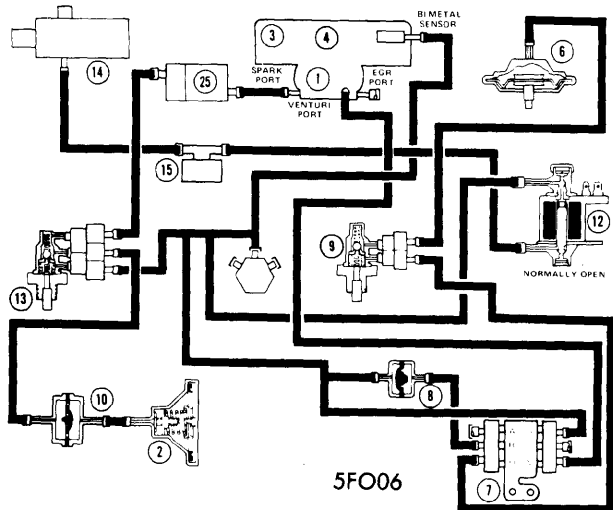
5FO04

VACUUM DIAGRAM NO. 3 (W/AC)



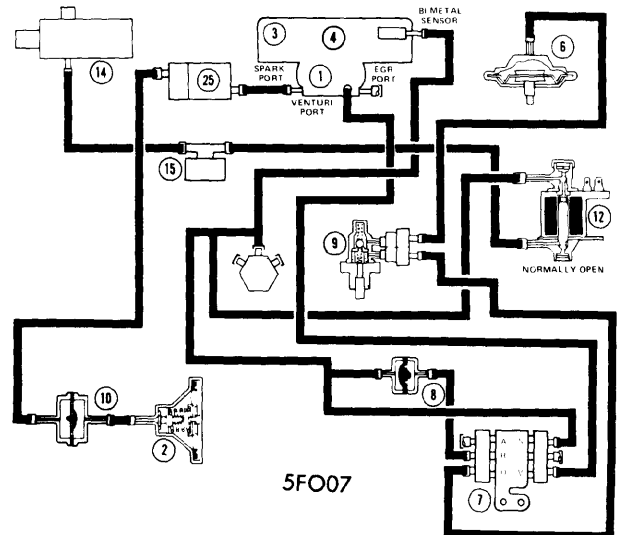
5FO05

VACUUM DIAGRAM NO. 4 (W/O AC)



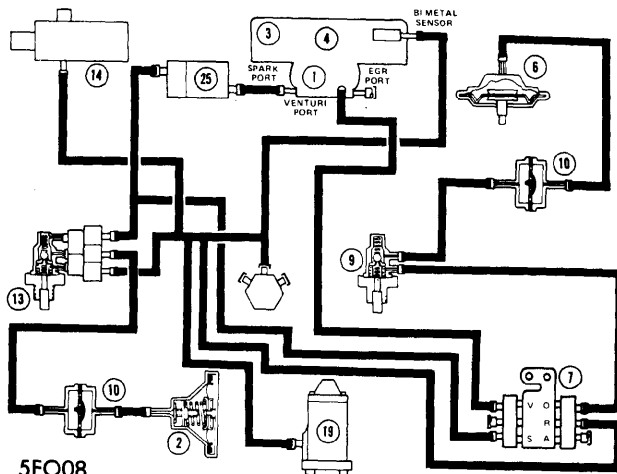
5FO06

VACUUM DIAGRAM NO. 5 (W/AC)



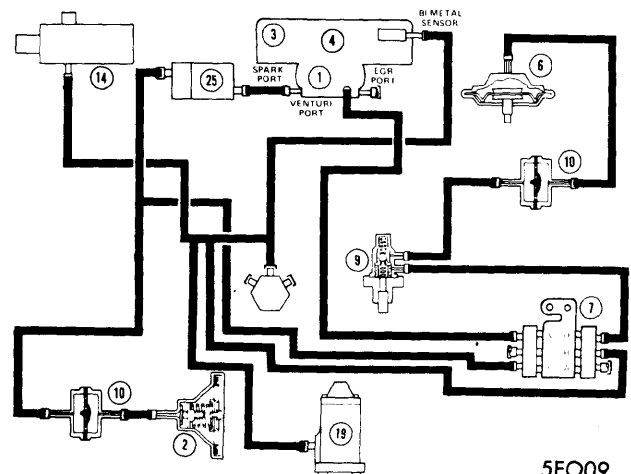
5FO07

VACUUM DIAGRAM NO. 6 (W/O AC)



5FO08

VACUUM DIAGRAM NO. 7 (W/AC)

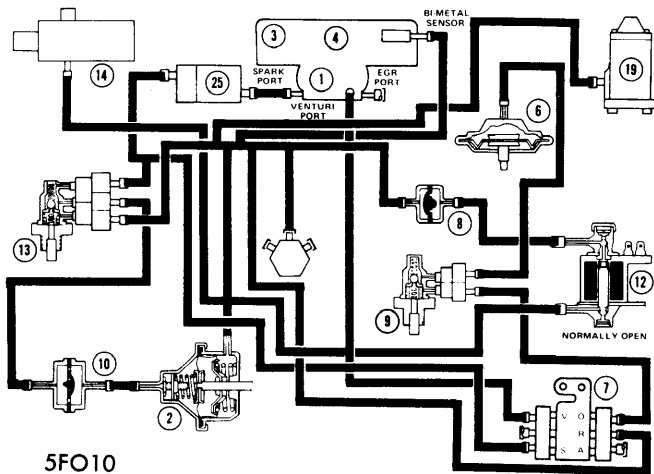


5FO09

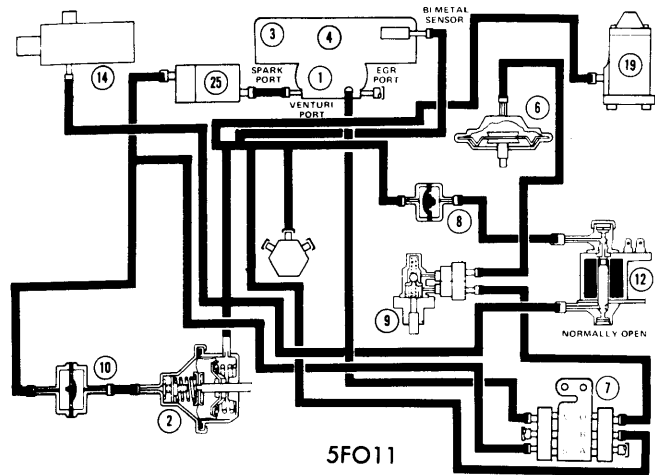
VACUUM DIAGRAM NO. 8 (W/O AC)

1975 EXHAUST EMISSION SYSTEMS

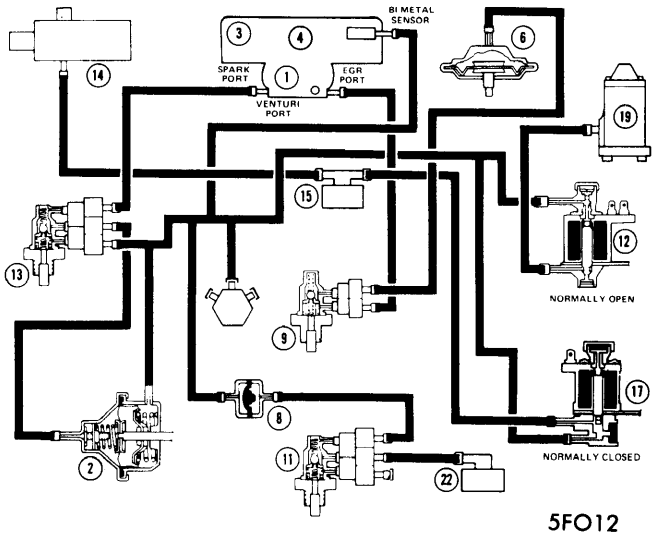
Ford Motor Co. Vacuum Diagrams (Cont.)



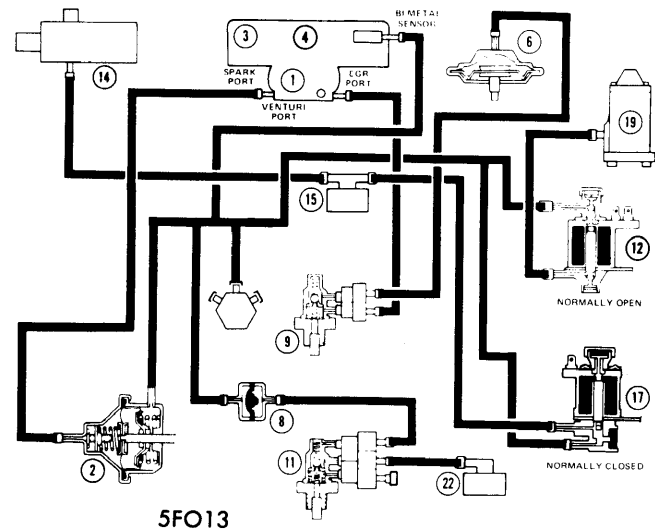
VACUUM DIAGRAM NO. 9 (W/AC)



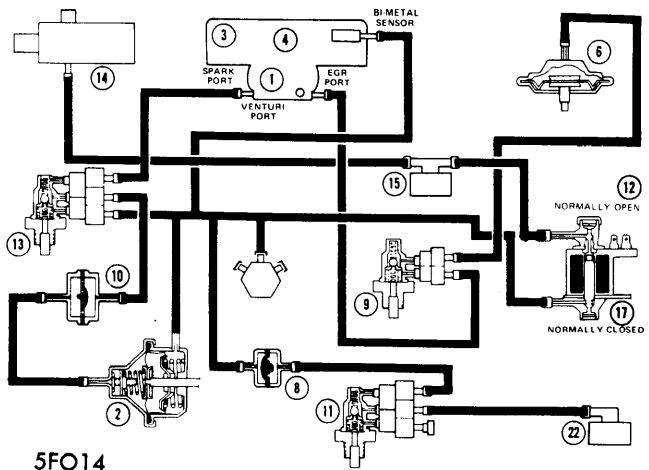
VACUUM DIAGRAM NO. 10 (W/O AC)



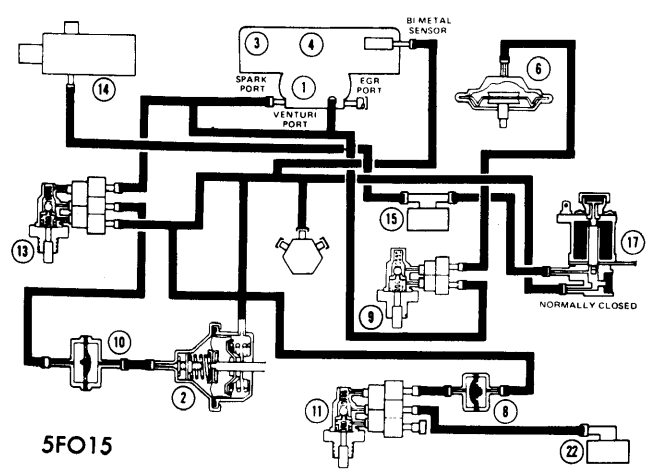
VACUUM DIAGRAM NO. 11 (W/AC)



VACUUM DIAGRAM NO. 12 (W/O AC)



VACUUM DIAGRAM NO. 13

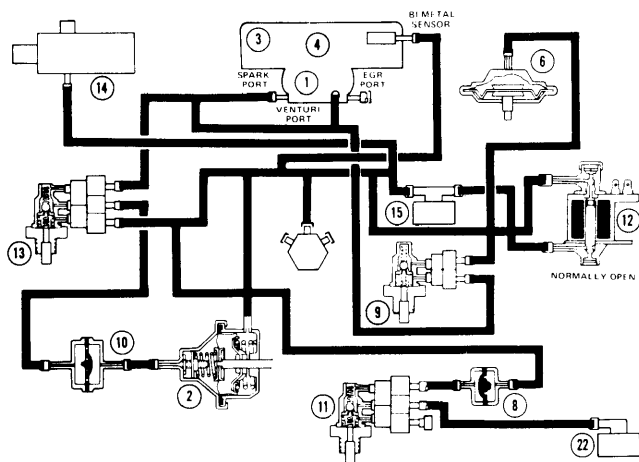


VACUUM DIAGRAM NO. 14

1975 EXHAUST EMISSION SYSTEMS

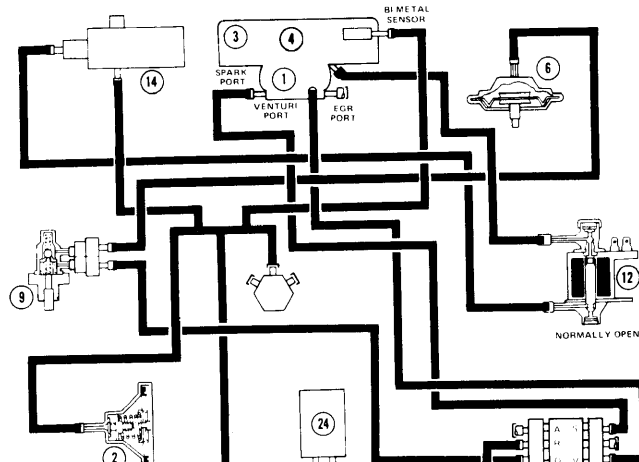
Ford Motor Co. Vacuum Diagrams (Cont.)

3-149



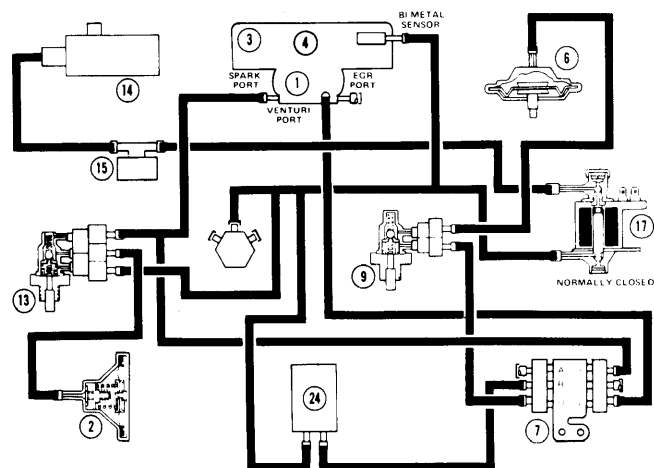
5FO16

VACUUM DIAGRAM NO. 15



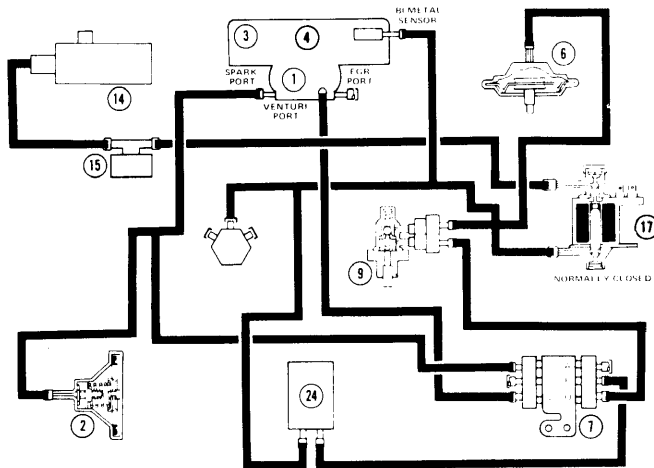
5FO17

VACUUM DIAGRAM NO. 16



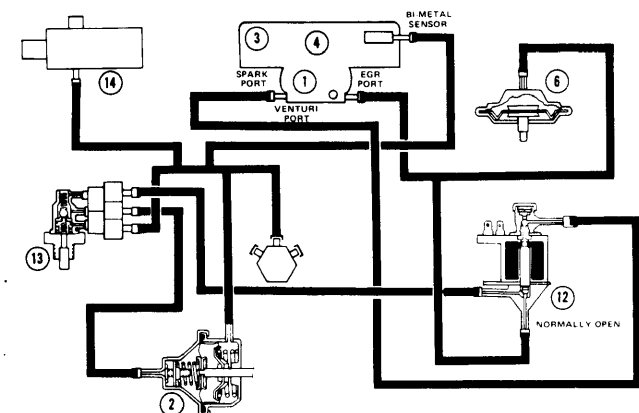
5FO18

VACUUM DIAGRAM NO. 17 (W/AC)



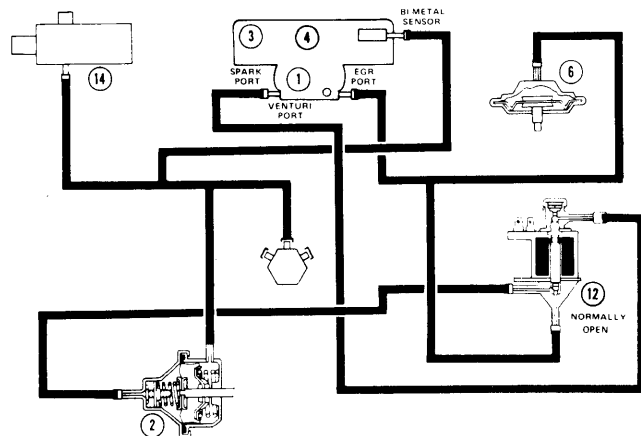
5FO19

VACUUM DIAGRAM NO. 18 (W/O AC)



5FO20

VACUUM DIAGRAM NO. 19 (W/AC)

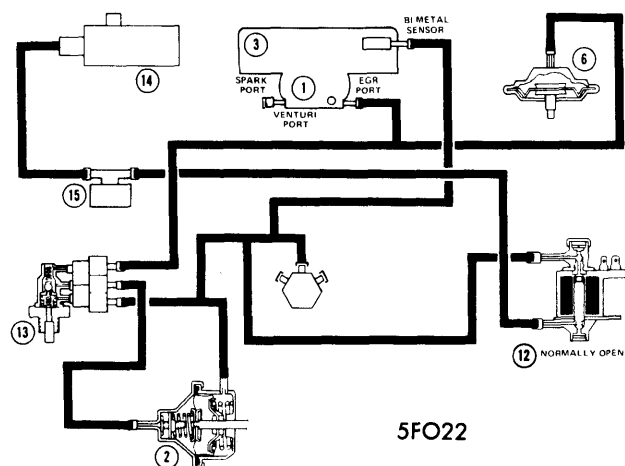


5FO21

VACUUM DIAGRAM NO. 20 (W/O AC)

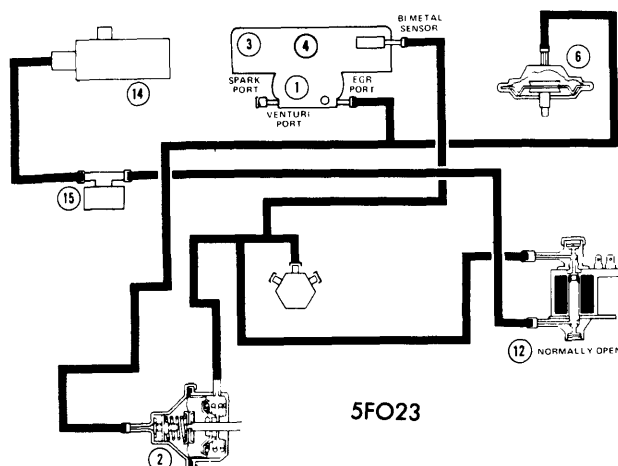
1975 EXHAUST EMISSION SYSTEMS

Ford Motor Co. Vacuum Diagrams (Cont.)



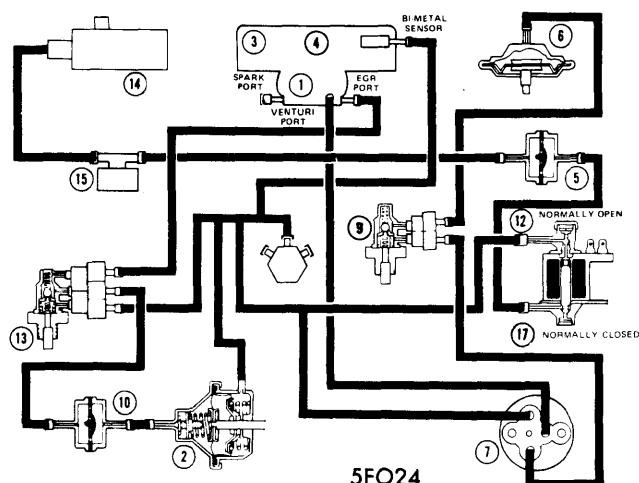
5FO22

VACUUM DIAGRAM NO. 21 (W/AC)



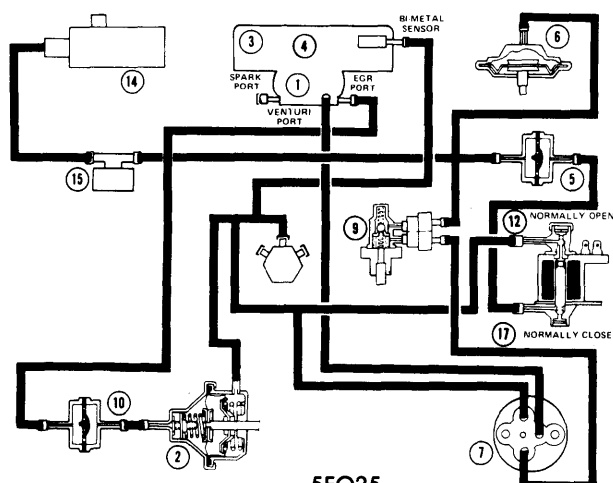
5FO23

VACUUM DIAGRAM NO. 22 (W/O AC)



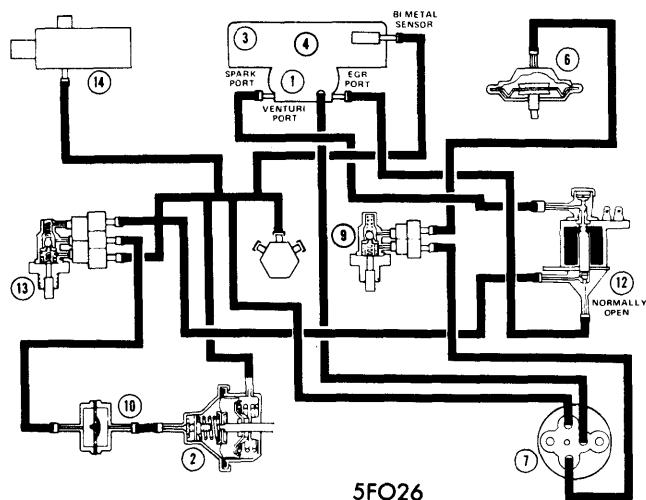
5FO24

VACUUM DIAGRAM NO. 23 (W/AC)



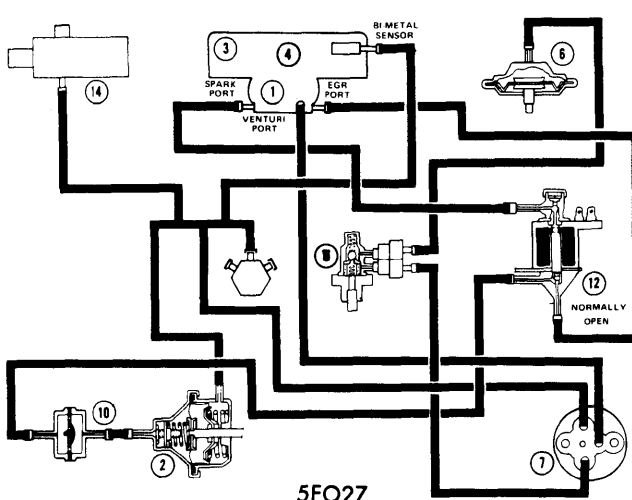
5FO25

VACUUM DIAGRAM NO. 24 (W/O AC)



5FO26

VACUUM DIAGRAM NO. 25 (W/AC)



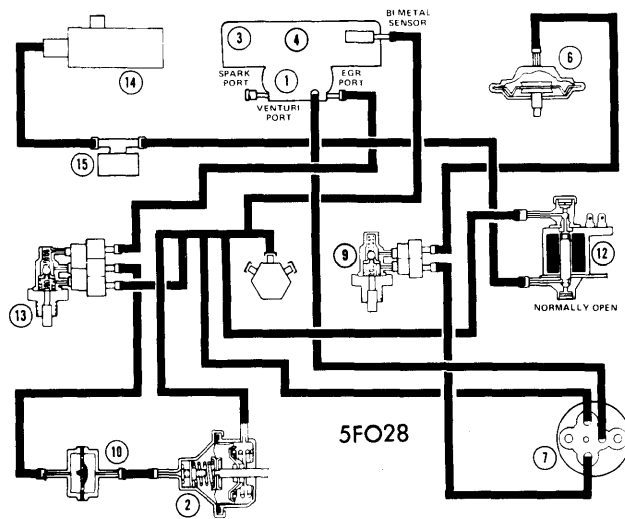
5FO27

VACUUM DIAGRAM NO. 26 (W/O AC)

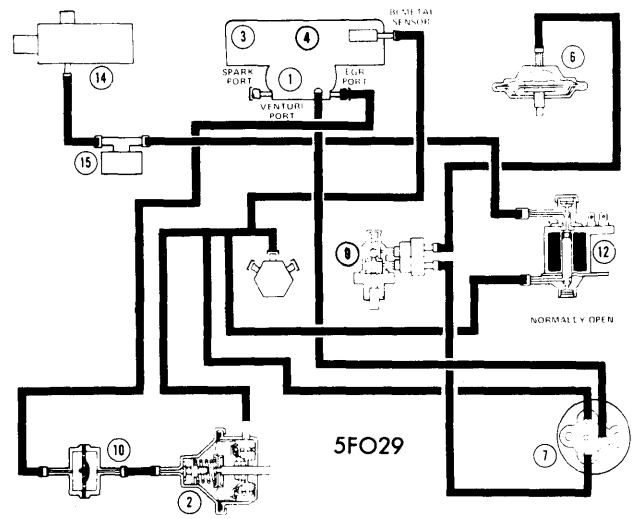
1975 EXHAUST EMISSION SYSTEMS

Ford Motor Co. Vacuum Diagrams (Cont.)

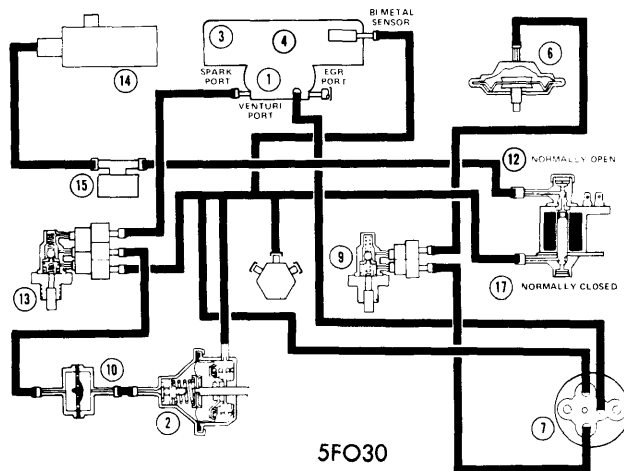
3-151



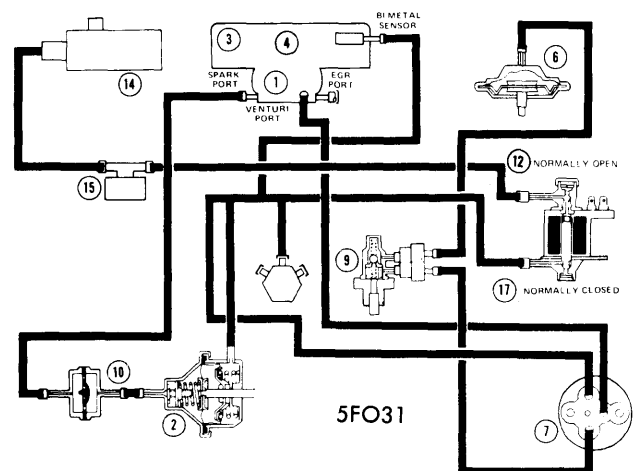
VACUUM DIAGRAM NO. 27 (W/AC)



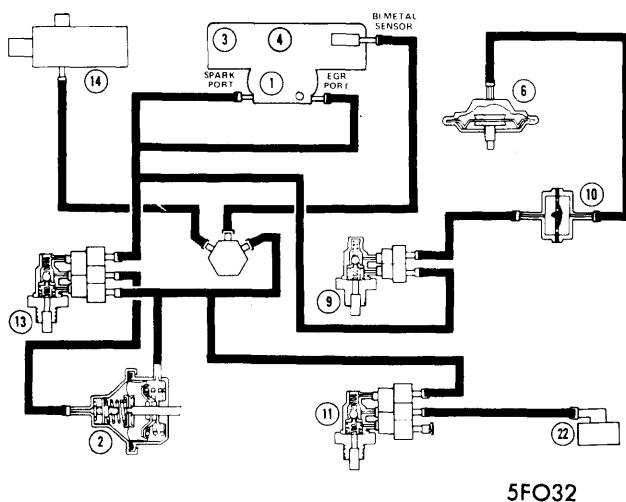
VACUUM DIAGRAM NO. 28 (W/O AC)



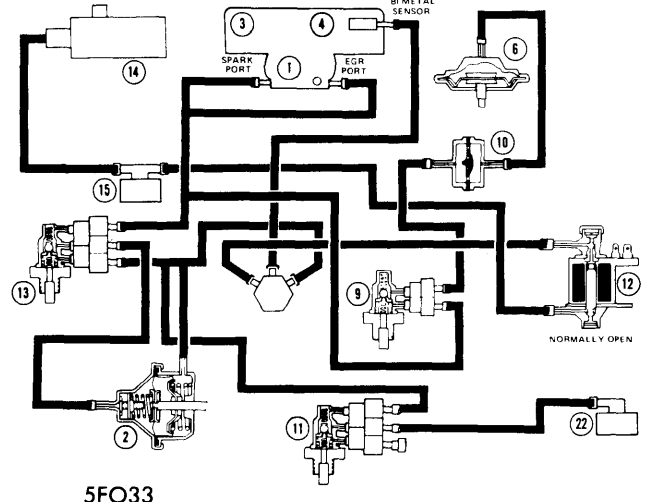
VACUUM DIAGRAM NO. 29 (W/AC)



VACUUM DIAGRAM NO. 30 (W/O AC)



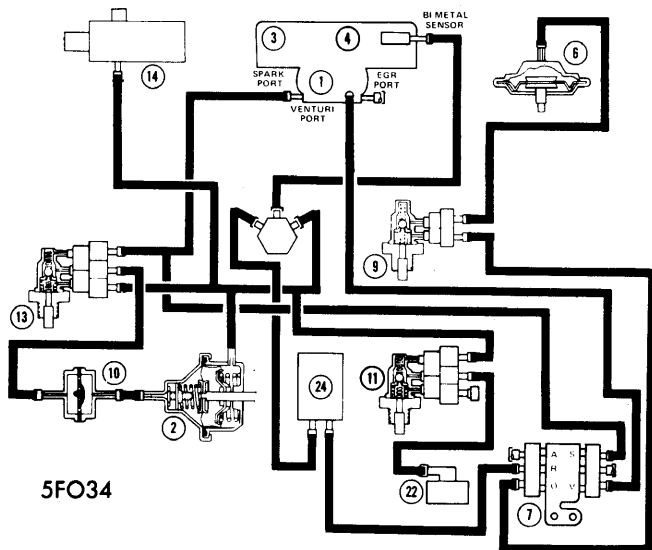
VACUUM DIAGRAM NO. 31



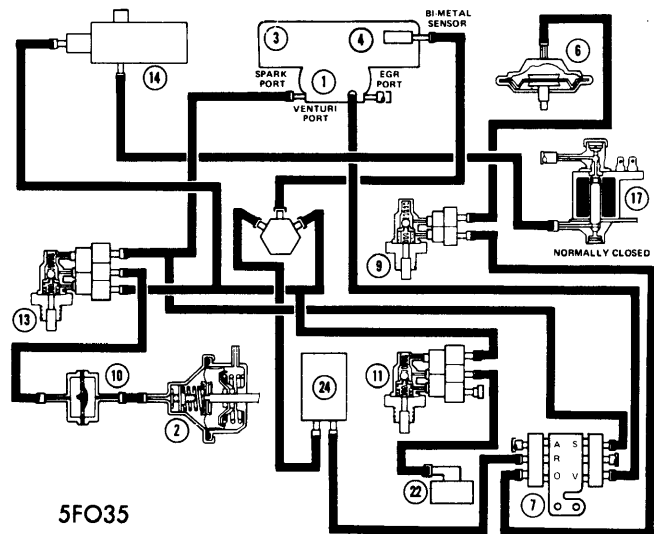
VACUUM DIAGRAM NO. 32

1975 EXHAUST EMISSION SYSTEMS

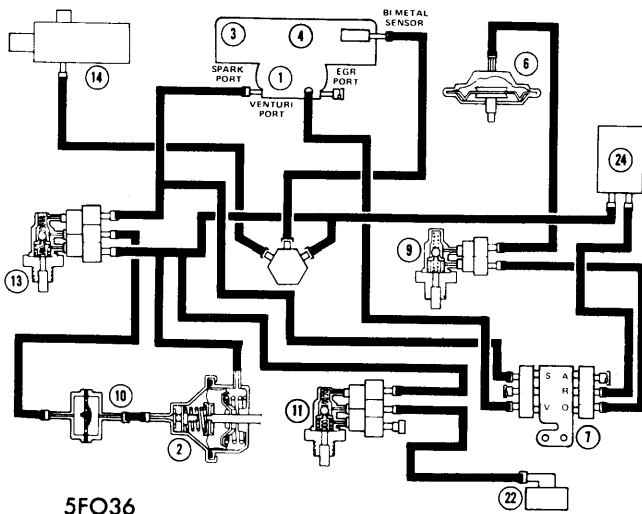
Ford Motor Co. Vacuum Diagrams (Cont.)



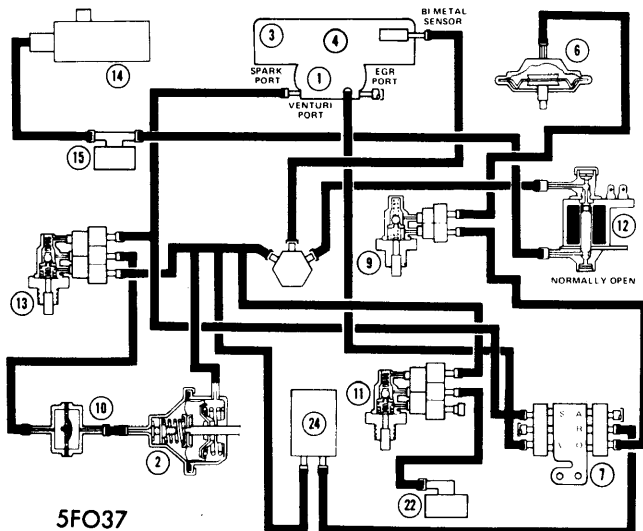
VACUUM DIAGRAM NO. 33



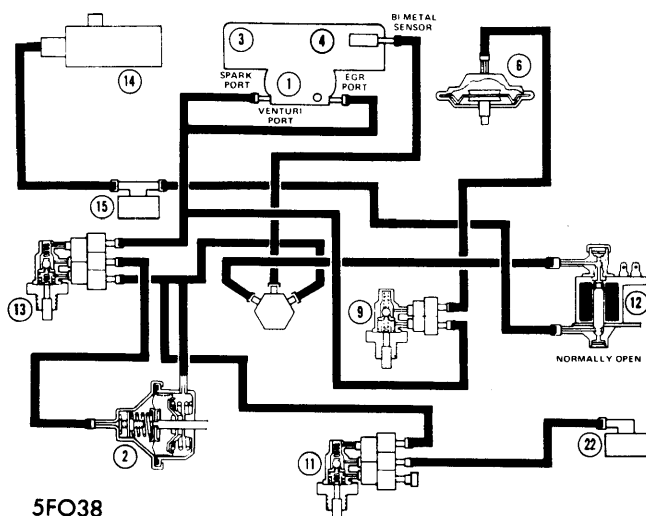
VACUUM DIAGRAM NO. 34



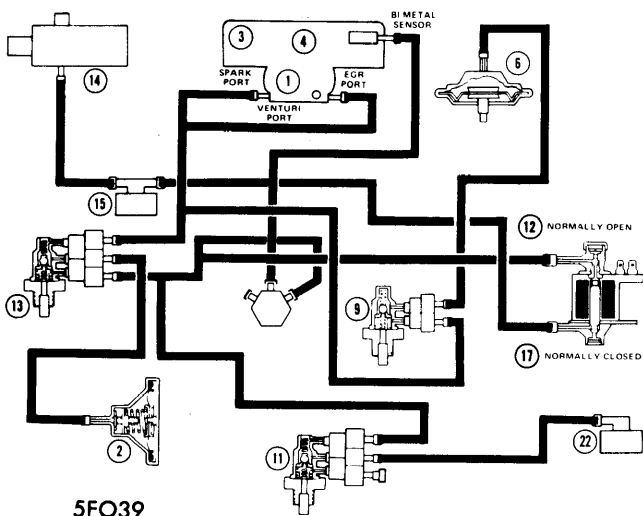
VACUUM DIAGRAM NO. 35



VACUUM DIAGRAM NO. 36



VACUUM DIAGRAM NO. 37

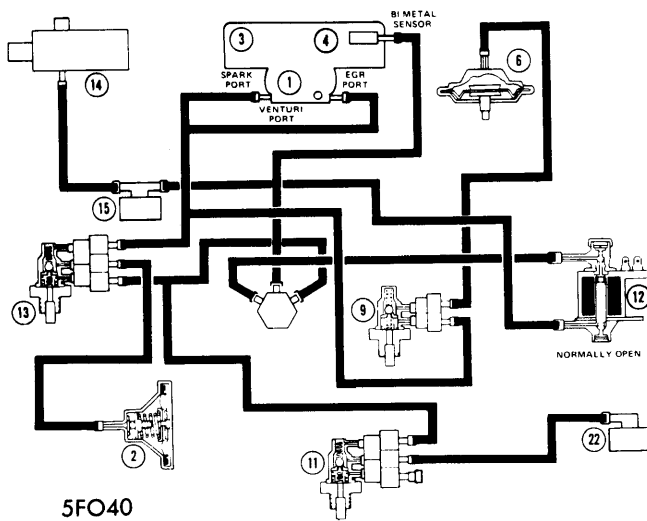


VACUUM DIAGRAM NO. 38

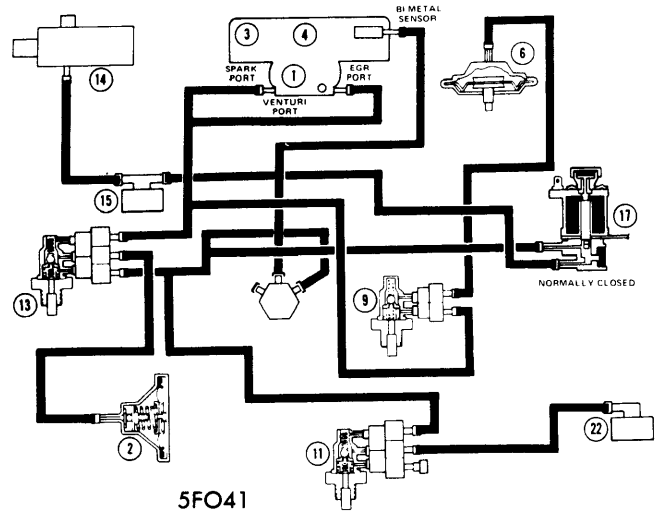
1975 EXHAUST EMISSION SYSTEMS

Ford Motor Co. Vacuum Diagrams (Cont.)

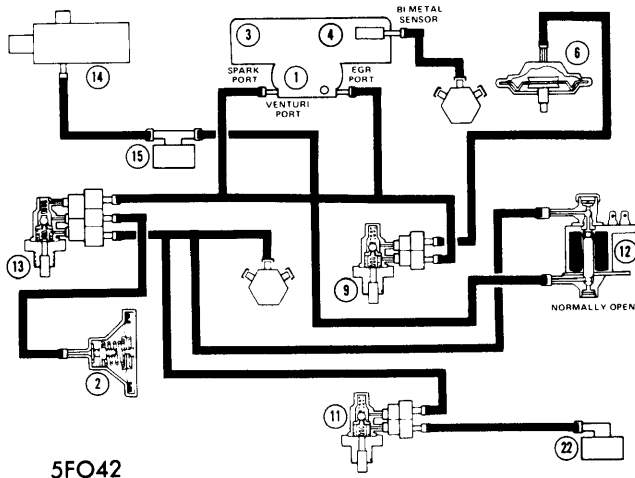
3-153



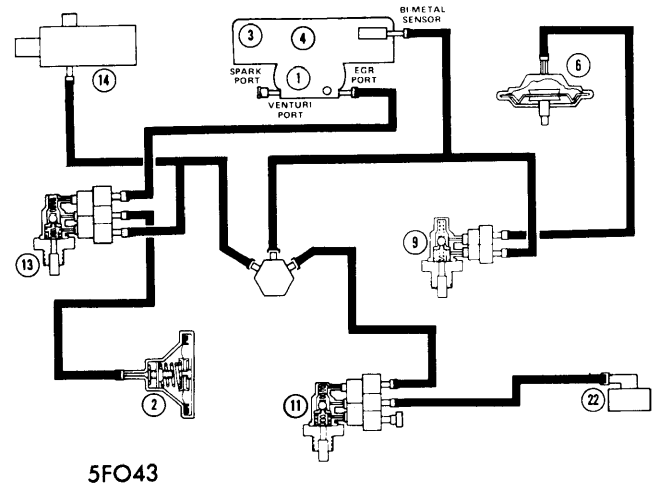
VACUUM DIAGRAM NO. 39



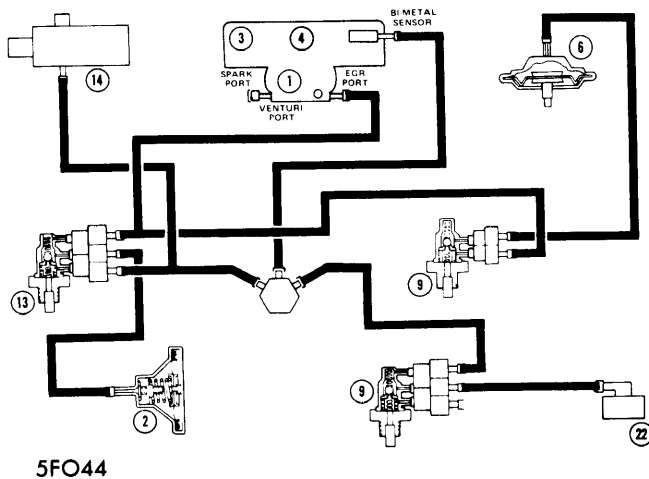
VACUUM DIAGRAM NO. 40



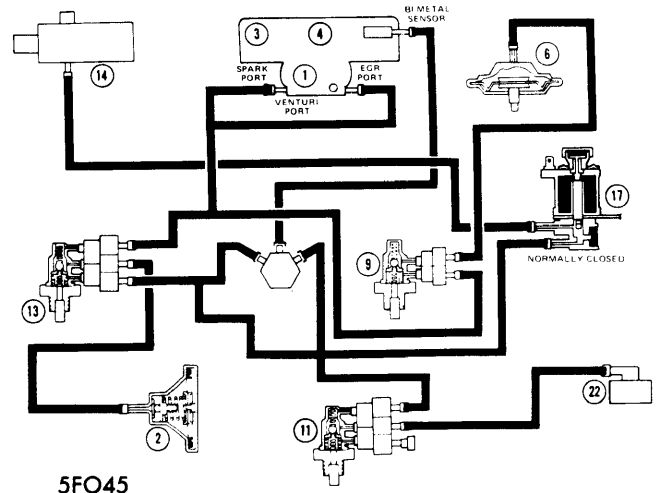
VACUUM DIAGRAM NO. 41



VACUUM DIAGRAM NO. 42



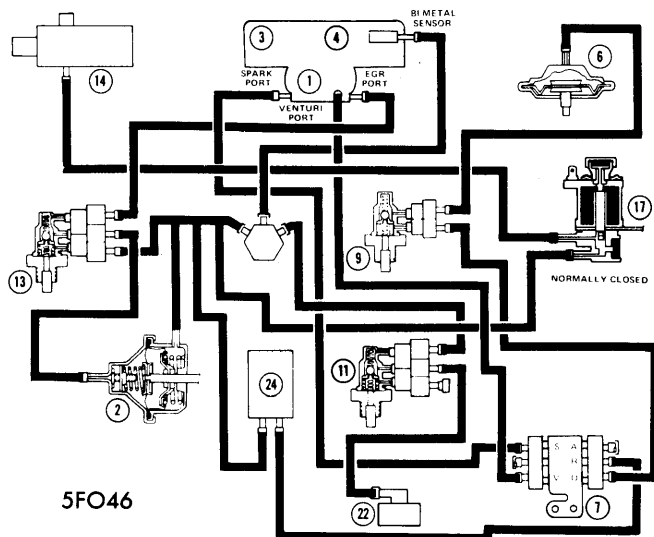
VACUUM DIAGRAM NO. 43



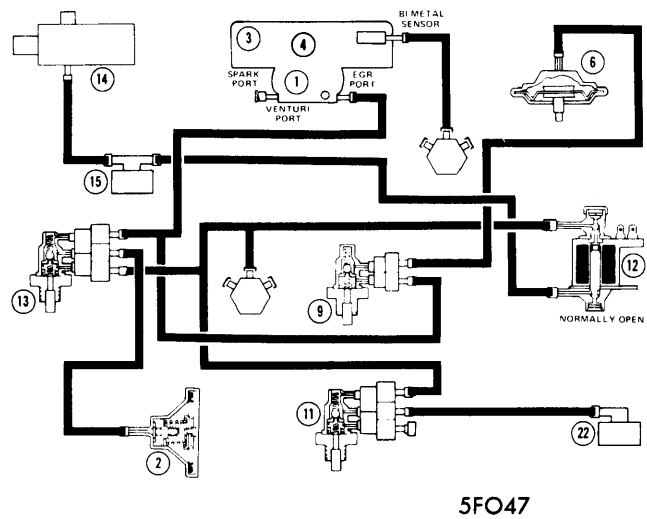
VACUUM DIAGRAM NO. 44

1975 EXHAUST EMISSION SYSTEMS

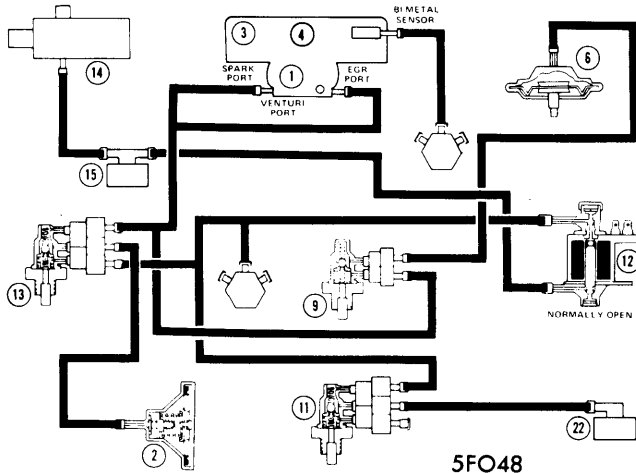
Ford Motor Co. Vacuum Diagrams (Cont.)



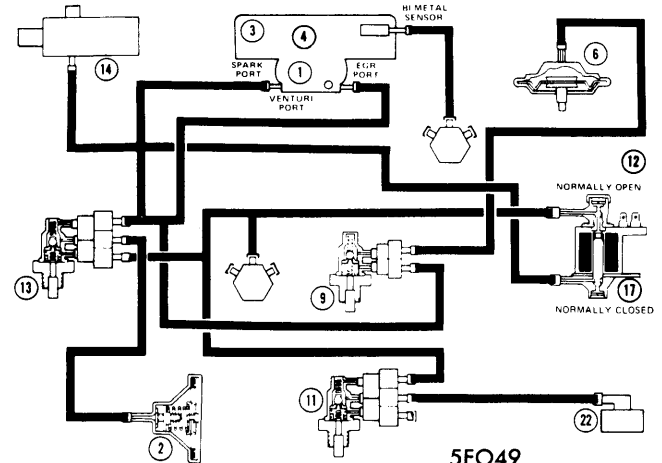
VACUUM DIAGRAM NO. 45



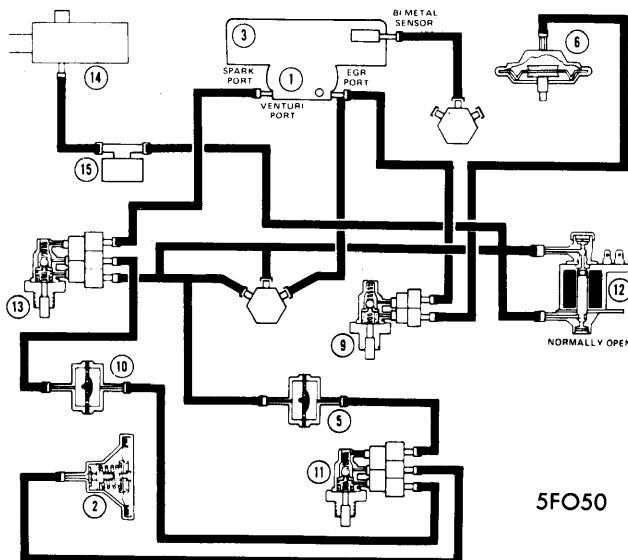
VACUUM DIAGRAM NO. 46



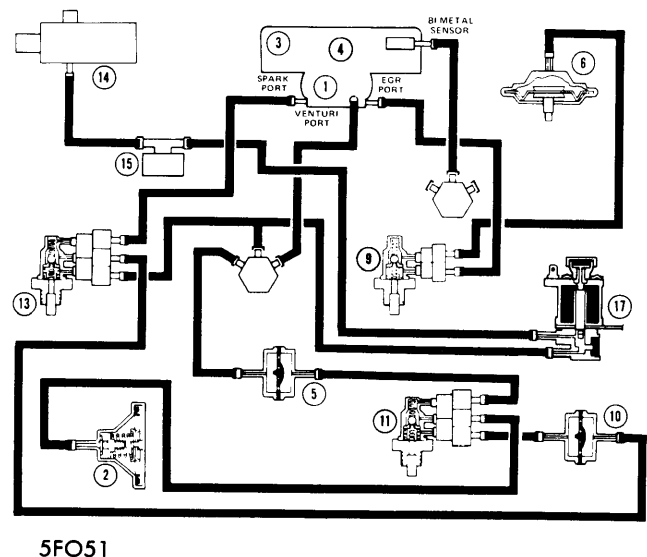
VACUUM DIAGRAM NO. 47



VACUUM DIAGRAM NO. 48



VACUUM DIAGRAM NO. 49

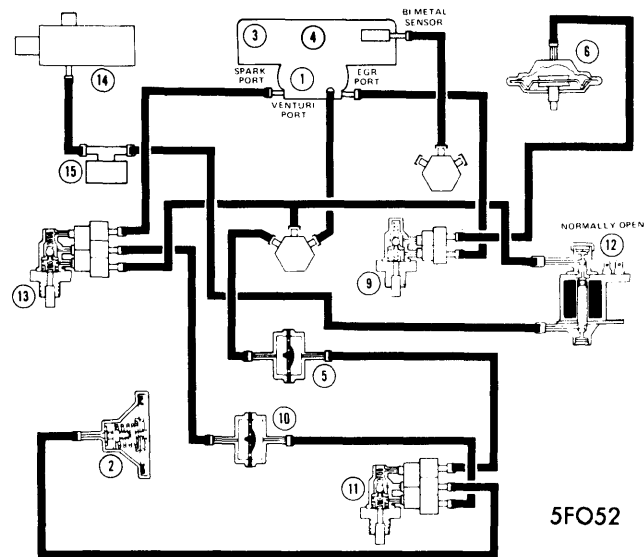


VACUUM DIAGRAM NO. 50

1975 EXHAUST EMISSION SYSTEMS

Ford Motor Co. Vacuum Diagrams (Cont.)

3-155



VACUUM DIAGRAM NO. 51