

GENERAL MOTORS VACUUM DIAGRAMS

MODEL IDENTIFICATION

Truck models, listed in tables, are identified using manufacturers letter and number designations. The letters identify the vehicle model series (i.e., "C" is conventional chassis, including Pickup, Blazer and Suburban). The number reference identifies the vehicles load capacity. Refer to following charts for actual letter and number designations.

VEHICLE SERIES IDENTIFICATION	
Vehicle Series	I.D. Letter
Conventional Chassis (2-WD)	C
Conventional Chassis (4-WD)	K
Conventional Van Chassis	G
Forward Control/Stepvan Chassis	P

VEHICLE LOAD CAPACITY		
Chevrolet Number	GMC Number	Ton Capacity
10	1500	1/2
20	2500	3/4
30	3500	1

GENERAL MOTORS VACUUM DIAGRAM REFERENCE CHART

Vehicle Model, Series & Engine	Application	Transmission	Equipment Note	Figure Number	
LIGHT DUTY Pickup - C-10 & C-20 250" 6-Cyl.	Federal	Manual		1	
	Federal	Manual	Aux. Fuel Tank	2	
	Federal	Automatic		3	
	Federal	Automatic	Aux. Fuel Tank	4	
	California	Man/Auto		5	
	305" V8	Federal	Manual		8
		Federal	Manual	Aux. Fuel Tank	9
		Federal	Automatic		10
		Federal	Automatic	Aux. Fuel Tank	11
	350" V8	Federal	Manual	Cab & Chassis	13
		Federal	Manual		14
		Federal	Manual	Aux. Fuel Tank	15
		Federal	Manual	Without A.I.R.	16
		Federal	Automatic		17
		Federal	Automatic	Without A.I.R.	18
		Federal	Automatic	Aux. Fuel Tank & Cab & Chassis	19
		Federal	Automatic	Aux. Fuel Tank	20
		California	Manual		22
		California	Automatic		24
	Pickup - K-100 & K-200 250" 6-Cyl.	Federal	Manual		1
		Federal	Manual	Aux. Fuel Tank	2
		Federal	Automatic		3
		Federal	Automatic	Aux. Fuel Tank	4
		350" V8	Federal	Manual	
Federal			Manual	Aux. Fuel Tank	15
Federal			Automatic		17
Federal			Automatic	Aux. Fuel Tank	19
California			Manual		22
California		Automatic		24	
Blazer/Suburban - C-10 & C-20 250" 6-Cyl.		Federal	Manual		1
		305" V8	Federal	Manual	
	Federal		Automatic		10
	350" V8	Federal	Manual		13
		Federal	Automatic		18
		California	Manual		22

1980 Exhaust Emission Systems

GENERAL MOTORS VACUUM DIAGRAMS (Cont.)

GENERAL MOTORS VACUUM DIAGRAM REFERENCE CHART				
Vehicle Model, Series & Engine	Application	Transmission	Equipment Note	Figure Number
Blazer/Suburban — K-10 & K-20 250" 6-Cyl. 350" V8	Federal	Manual	Blazer Only	1
	Federal	Manual		13
	Federal	Automatic		17
	California	Automatic		24
Van — G-10, G-20 & G-30 250" 6-Cyl. 305" V8 350" V8 400" V8	Federal	Manual		1
	Federal	Automatic		3
	California	Man/Auto		5
	Federal	Manual		8
	Federal	Automatic		10
	Federal	Automatic		18
	California	Manual		14
	California	Automatic		23
	Federal	Automatic		26
	California	Manual		27
HEAVY DUTY Pickup — C-20 & C-30 292" 6-Cyl. 350" V8 454" V8	Federal	Man/Auto		6
	California	Man/Auto		7
	Federal	Man/Auto		12
	California	Man/Auto		21
	Federal	Man/Auto		29
	California	Man/Auto		30
Pickup — K-20 & K-30 292" 6-Cyl. 350" V8 400" V8	Federal	Man/Auto		6
	California	Man/Auto		7
	Federal	Man/Auto		12
	California	Man/Auto		21
	Federal	Automatic		25
	California	Automatic		28
Van — G-30 350" V8 400" V8	Federal	Man/Auto		12
	California	Man/Auto		21
	Federal	Automatic		25
	California	Automatic		28
Stepvan — P-10, P-20 & P-30 292" 6-Cyl. 350" V8 454" V8	Federal	Man/Auto		6
	California	Man/Auto		7
	Federal	Man/Auto		12
	California	Man/Auto		21
	Federal	Man/Auto		29
	California	Man/Auto		30

EMISSION CONTROL DEVICE ABBREVIATIONS

AIR — Air Injection Reactor
DVTR — Diverter Valve
EFE — Early Fuel Evaporation

EGR — Exhaust Gas Recirculation
PCV — Positive Crankcase Ventilation

TRC — Throttle Return Control
TVS — Thermal Vacuum Switch

GENERAL MOTORS VACUUM DIAGRAMS (Cont.)

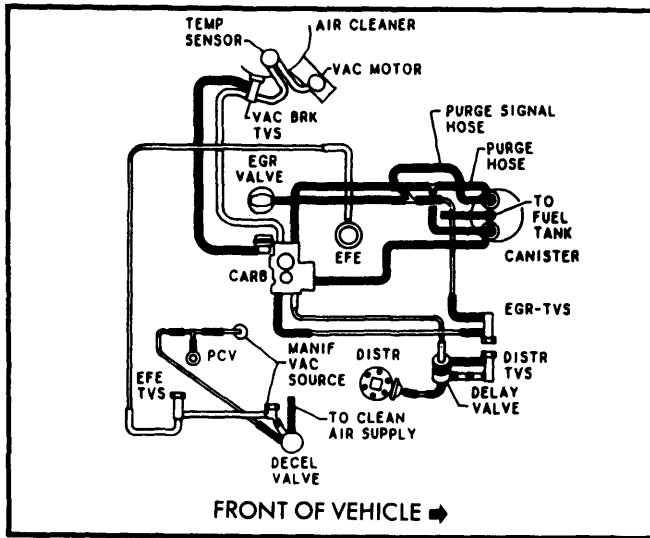


Fig. 1 250" 6 Cyl. Federal Manual Transmission Single Fuel Evaporation Canister

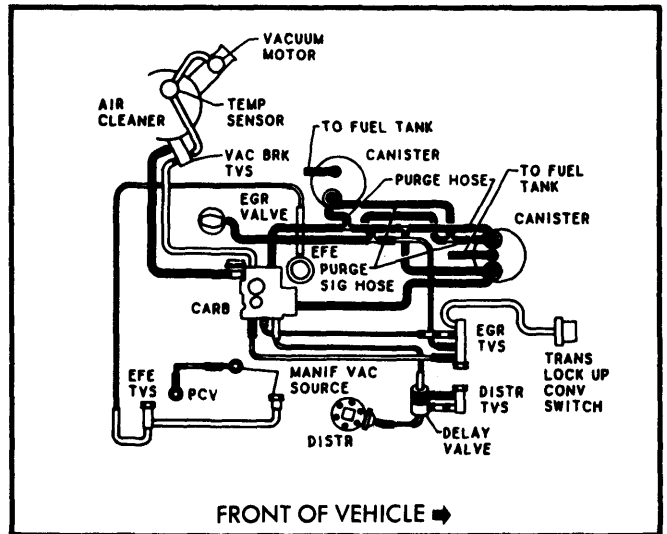


Fig. 4 250" 6 Cyl. Federal Automatic Transmission Dual Fuel Evaporation Canister

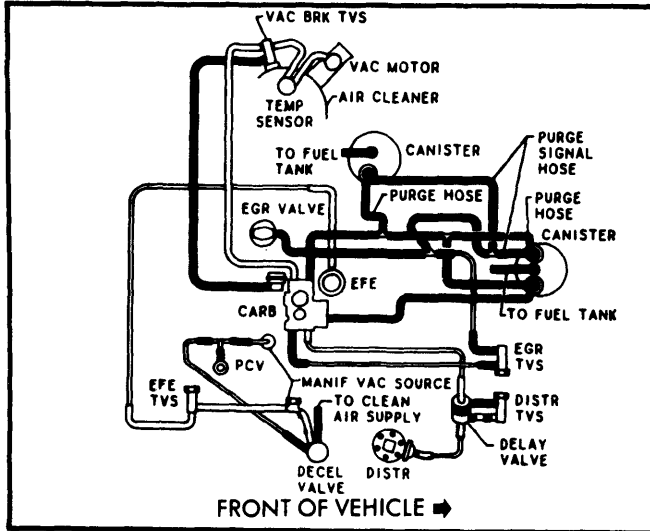


Fig. 2 250" 6 Cyl. Federal Manual Transmission Dual Fuel Evaporation Canister

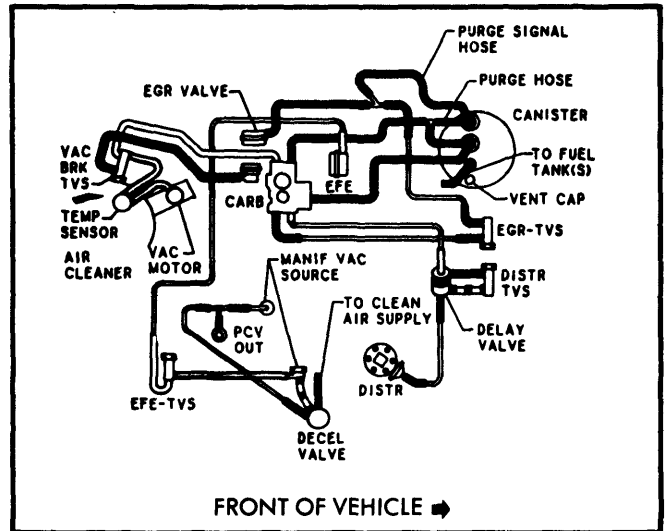


Fig. 5 250" 6-Cyl. California All Transmissions

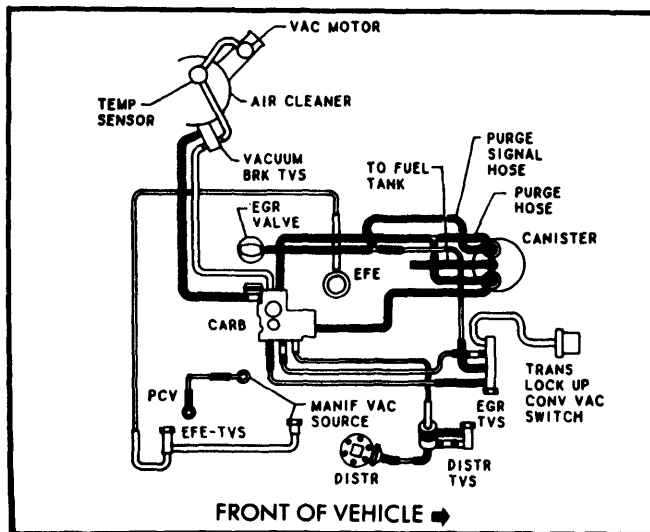


Fig. 3 250" 6 Cyl. Federal Automatic Transmission Single Fuel Evaporation Canister

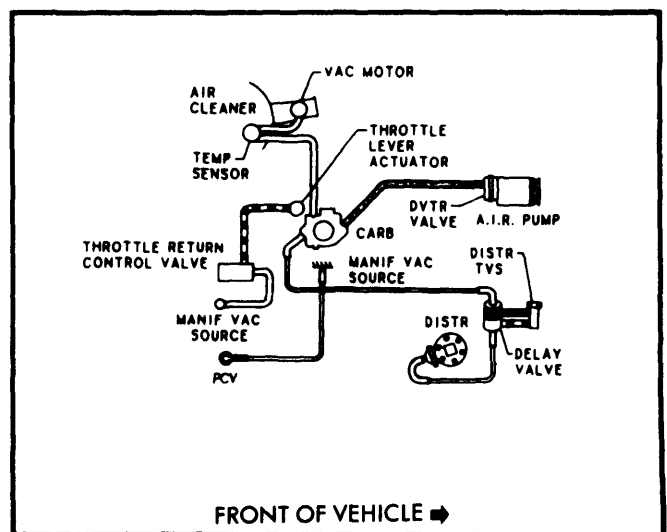


Fig. 6 292" 6 Cyl. Federal All Transmissions Heavy Duty Emission

GENERAL MOTORS VACUUM DIAGRAMS (Cont.)

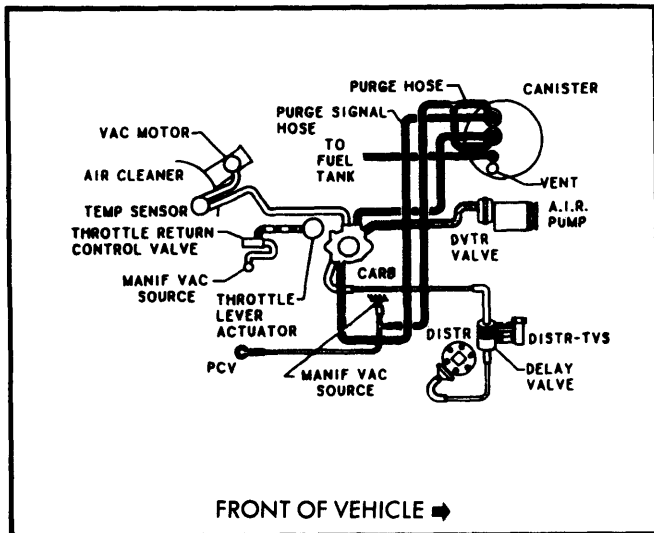


Fig. 7 292" 6 Cyl. California All Transmissions Heavy Duty Emission

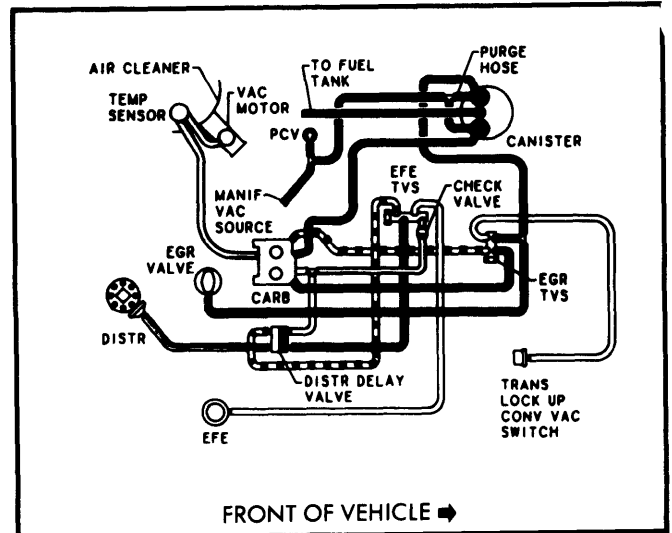


Fig. 10 305" V8 Federal Automatic Transmission Single Fuel Evaporation Canister

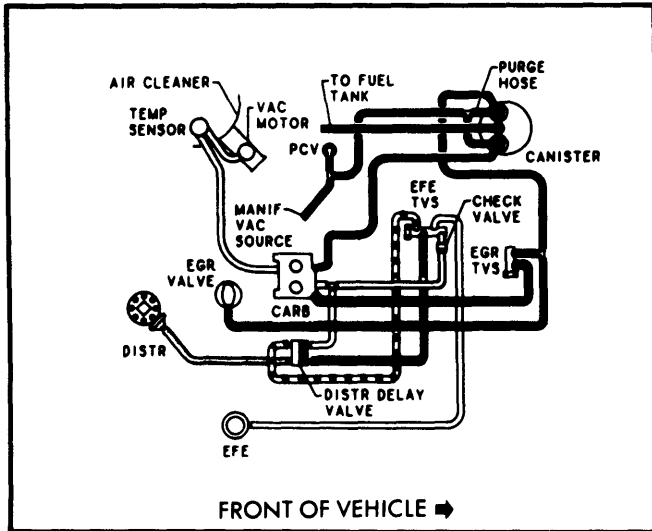


Fig. 8 305" V8 Federal Manual Transmission Single Fuel Evaporation Canister

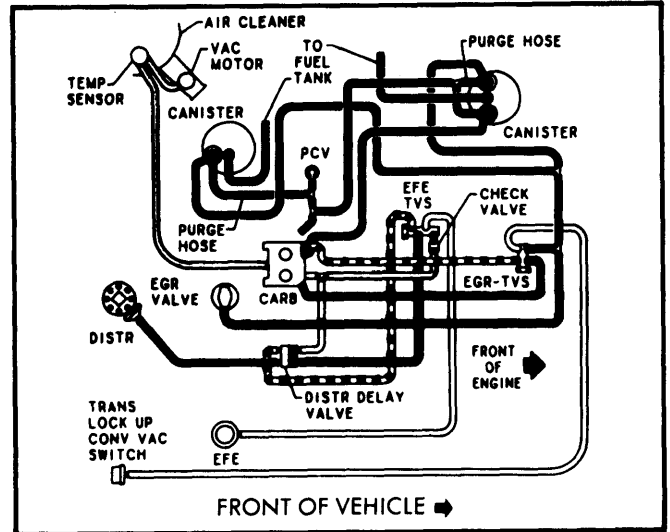


Fig. 11 305" V8 Federal Automatic Transmission Dual Fuel Evaporation Canister

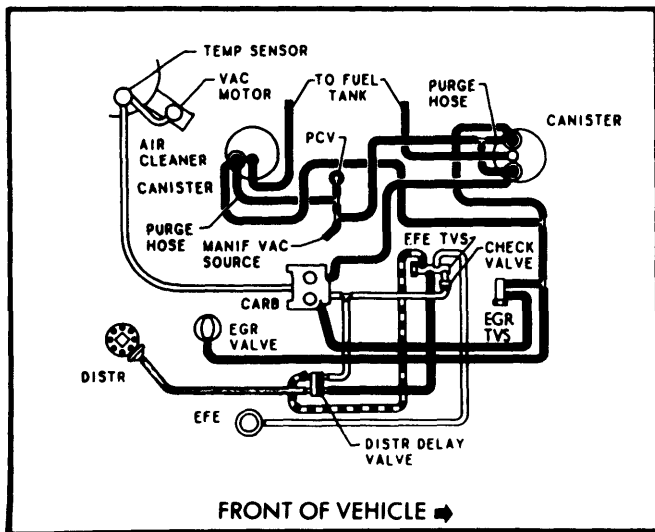


Fig. 9 305" V8 Federal Manual Transmission Dual Fuel Evaporation Canister

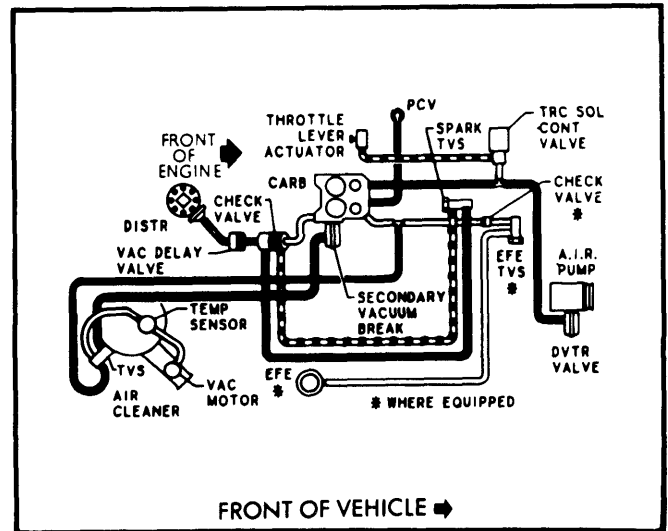


Fig. 12 350" V8 Federal All Transmissions Heavy Duty Emission

GENERAL MOTORS VACUUM DIAGRAMS (Cont.)

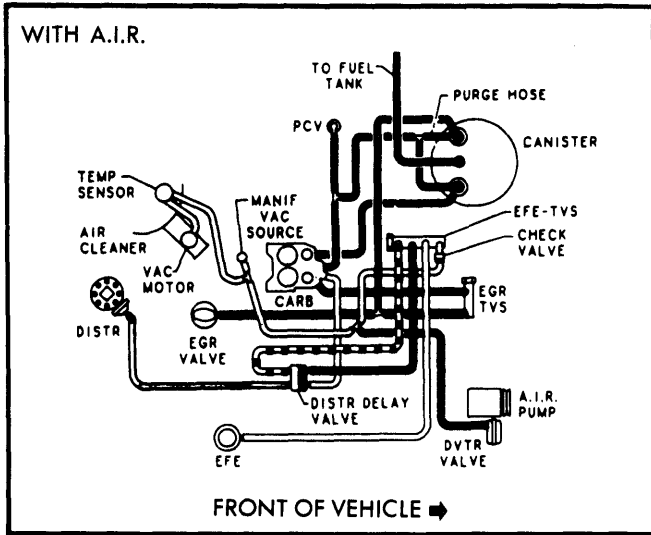


Fig. 13 350" V8 Federal Manual Transmission Single Fuel Evaporation Canister

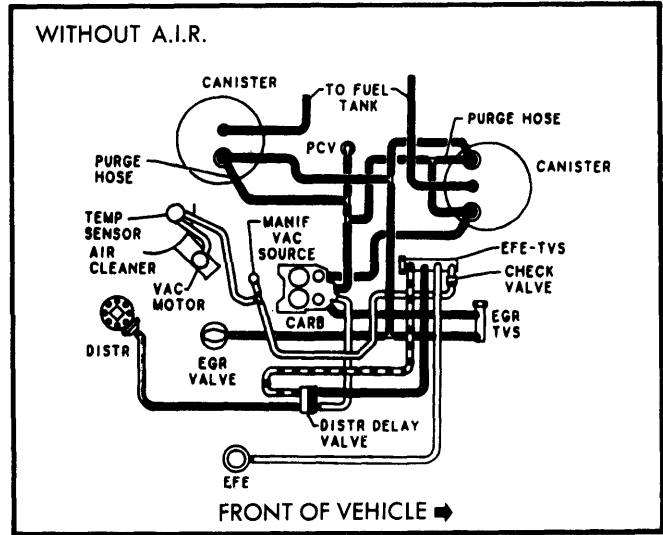


Fig. 16 350" V8 Federal Manual Transmission Dual Fuel Evaporation Canister

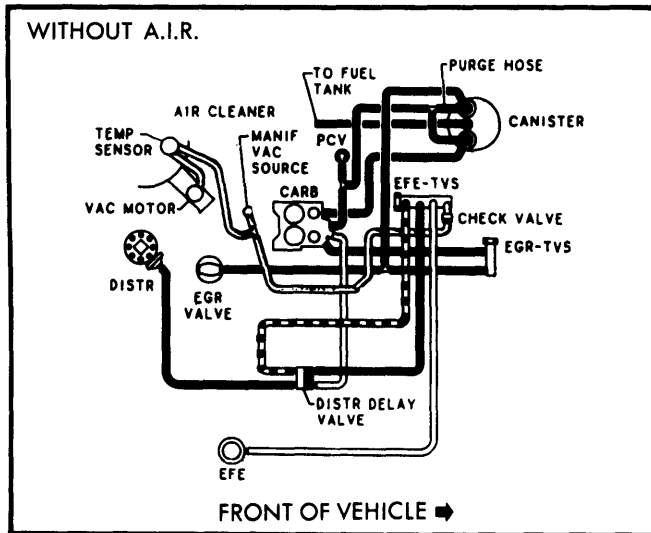


Fig. 14 350" V8 Federal Manual Transmission Single Fuel Evaporation Canister

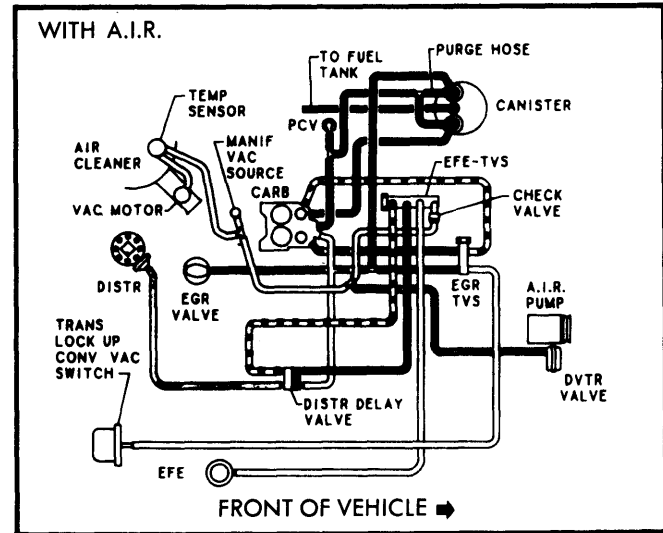


Fig. 17 350" V8 Federal Automatic Transmission Single Fuel Evaporation Canister

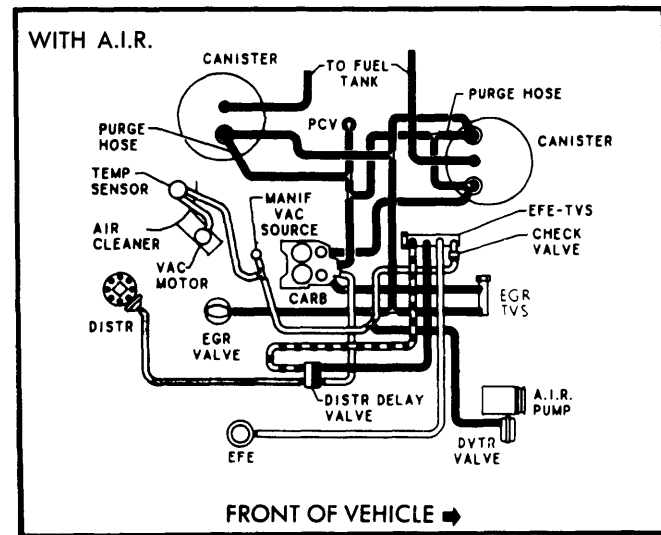


Fig. 15 350" V8 Federal Manual Transmission Dual Fuel Evaporation Canister

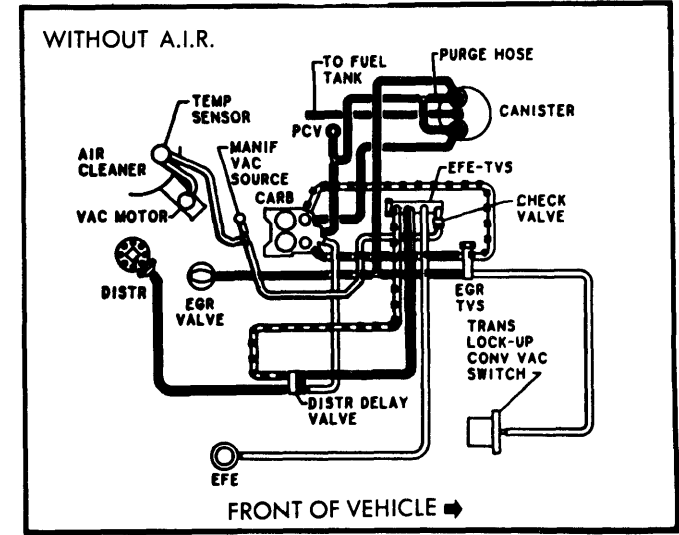


Fig. 18 350" V8 Federal Automatic Transmission Single Fuel Evaporation Canister

GENERAL MOTORS VACUUM DIAGRAMS (Cont.)

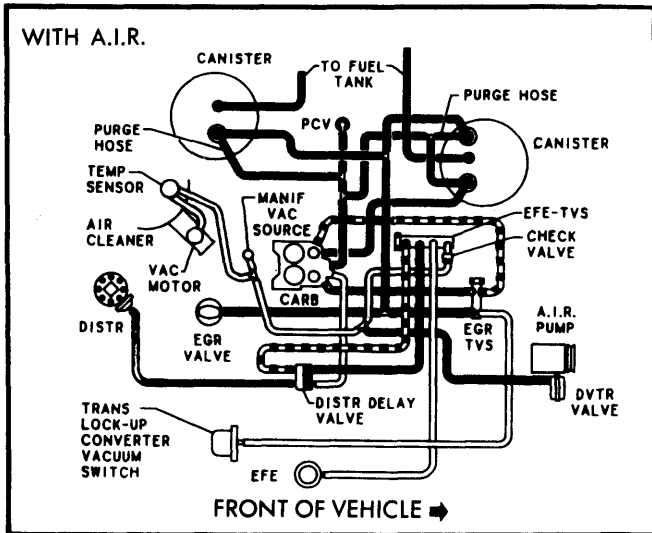


Fig. 19 350" V8 Federal Automatic Transmission Dual Fuel Evaporation Canister

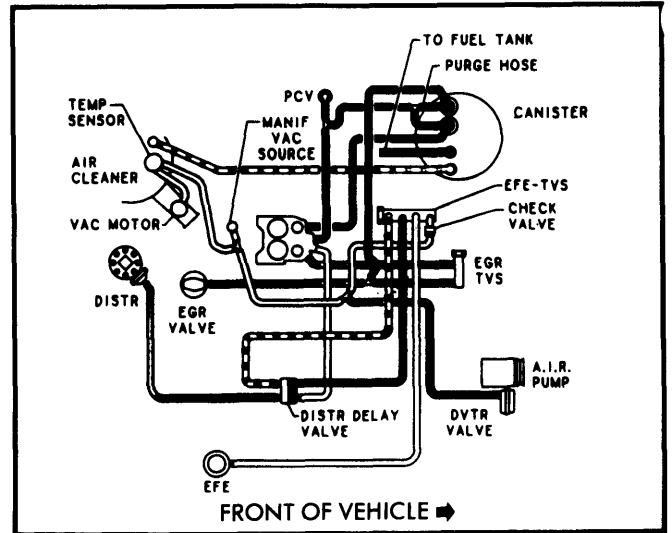


Fig. 22 350" V8 California Manual Transmission

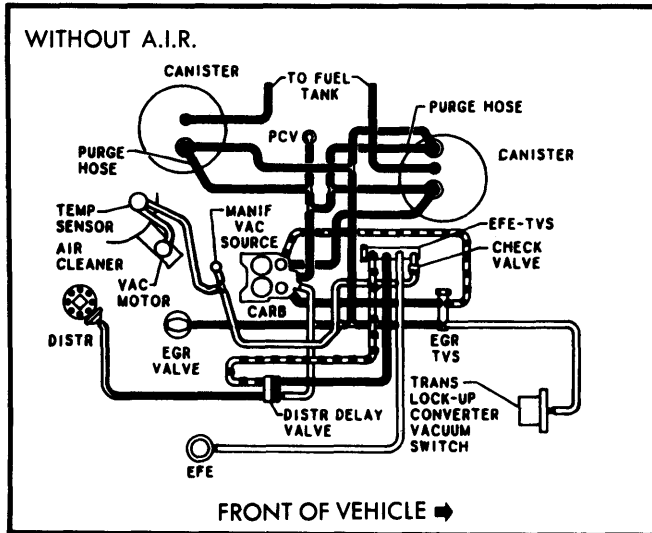


Fig. 20 350" V8 Federal Automatic Transmission Dual Fuel Evaporation Canister

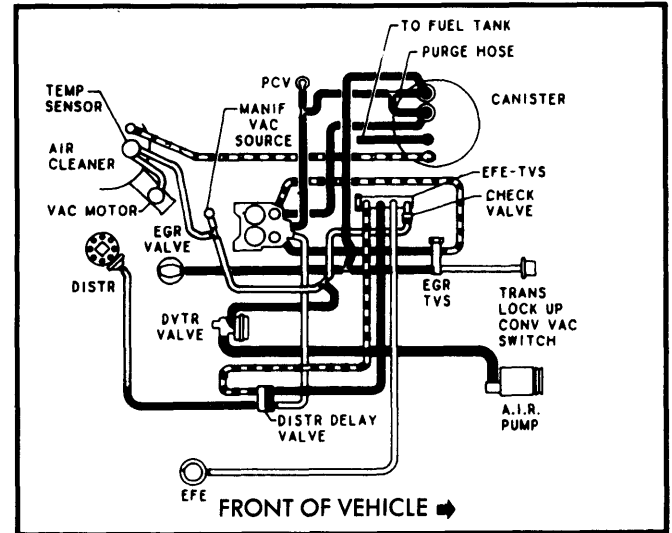


Fig. 23 350" V8 California Automatic Transmission With In-Line Diverter Valve

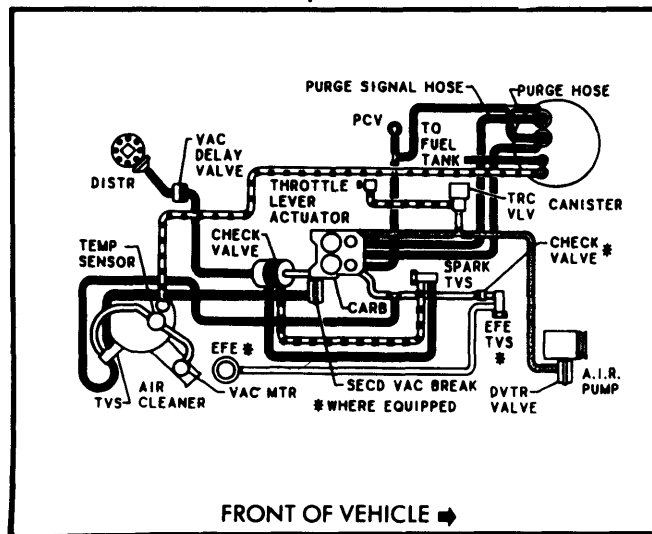


Fig. 21 350" V8 California All Transmissions Heavy Duty Emissions

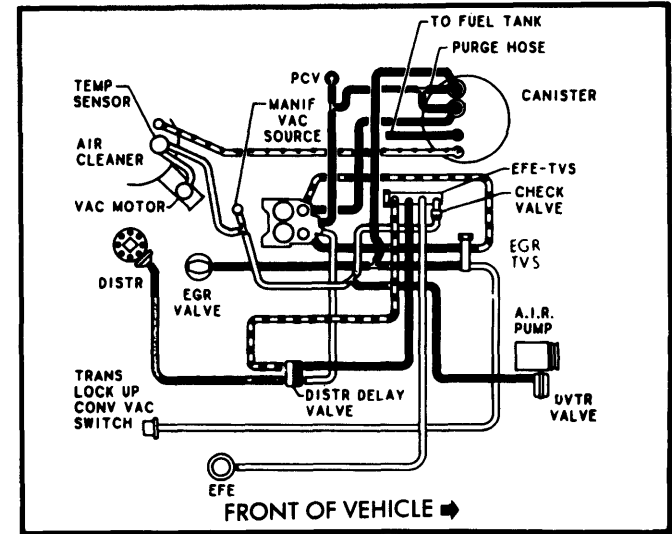


Fig. 24 350" V8 California Automatic Transmission With Pump Mounted Diverter Valve

GENERAL MOTORS VACUUM DIAGRAMS (Cont.)

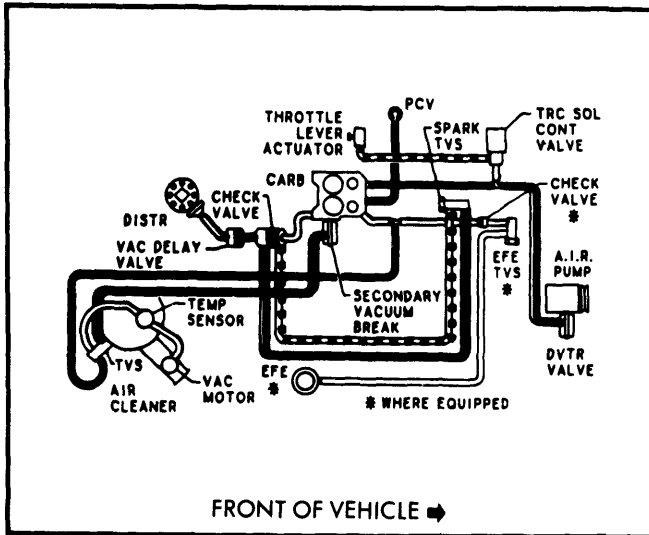


Fig. 25 400" V8 Federal Automatic Transmission Heavy Duty Emission

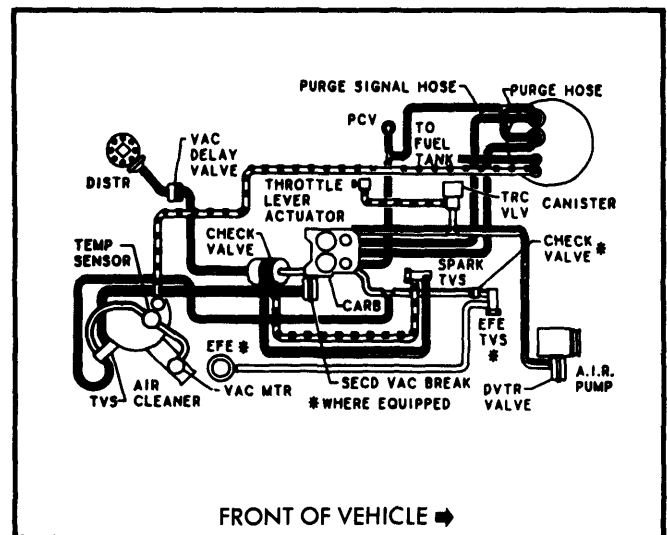


Fig. 28 400" V8 California Automatic Transmission Heavy Duty Emission

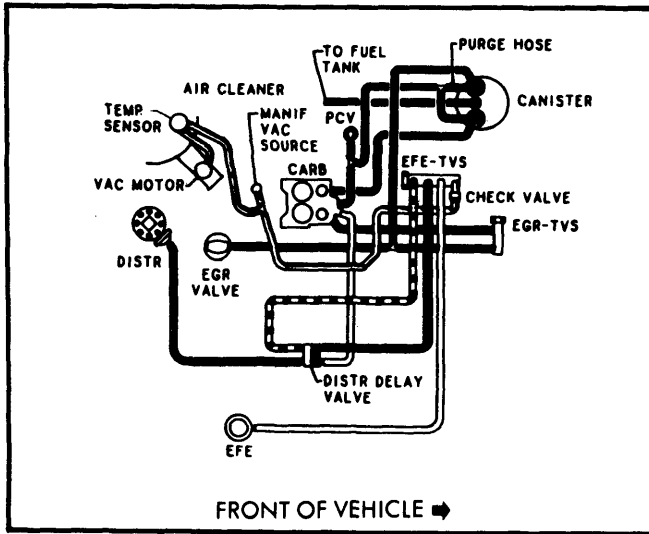


Fig. 26 400" V8 Federal Automatic Transmission With Single Fuel Evaporation Canister

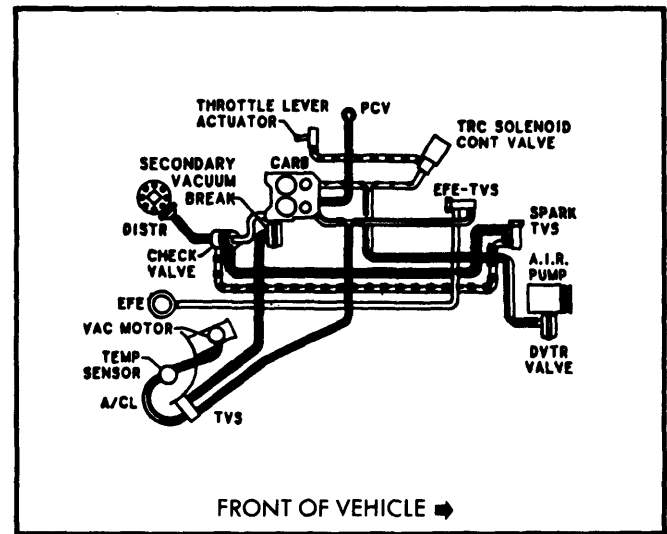


Fig. 29 454" V8 Federal All Transmissions Heavy Duty Emission

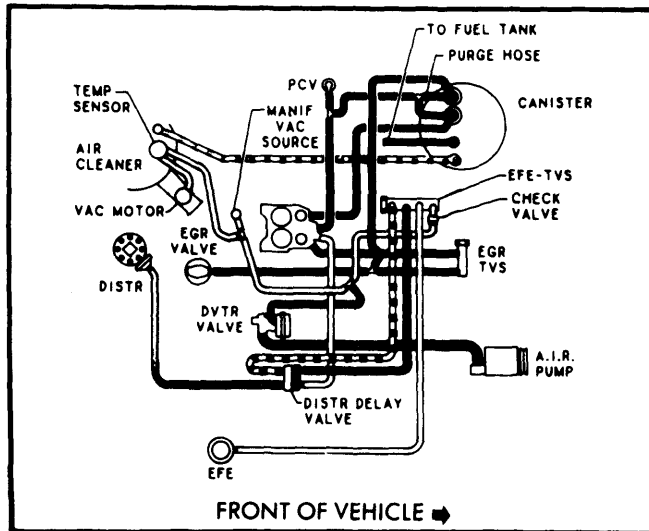


Fig. 27 400" V8 California Manual Transmission Single Fuel Evaporation Canister

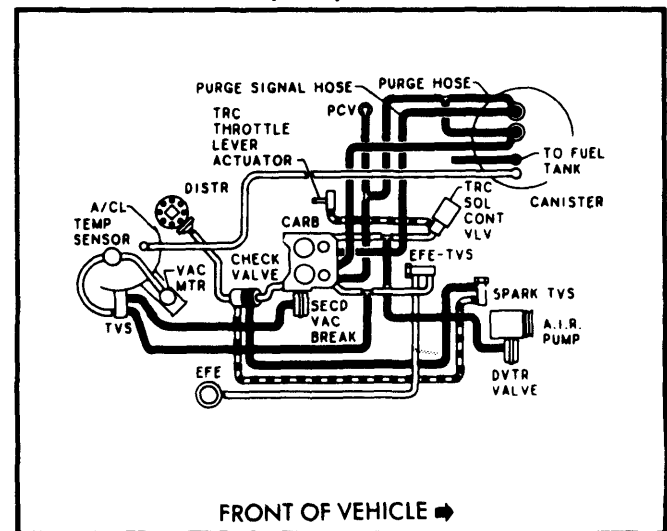


Fig. 30 454" V8 California All Transmissions Heavy Duty Emission