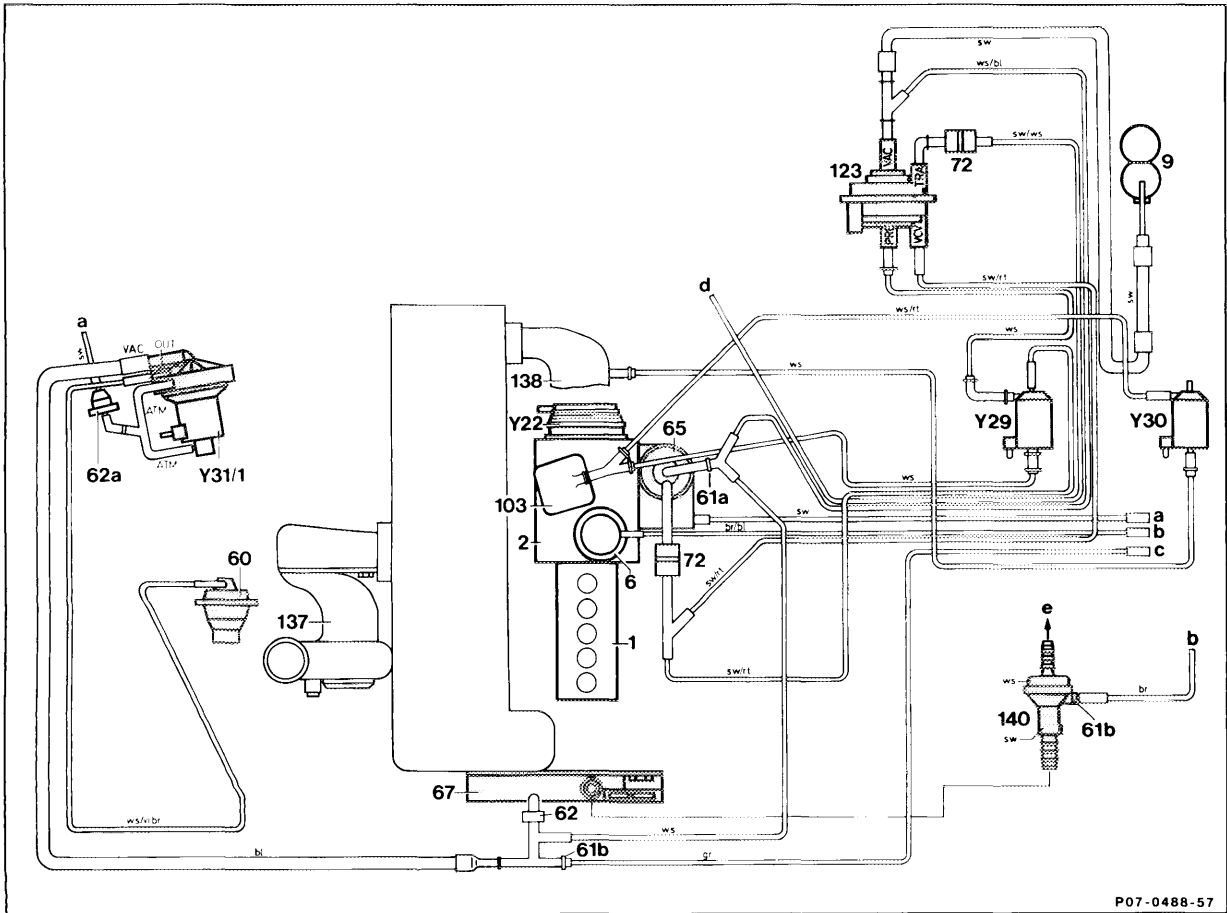
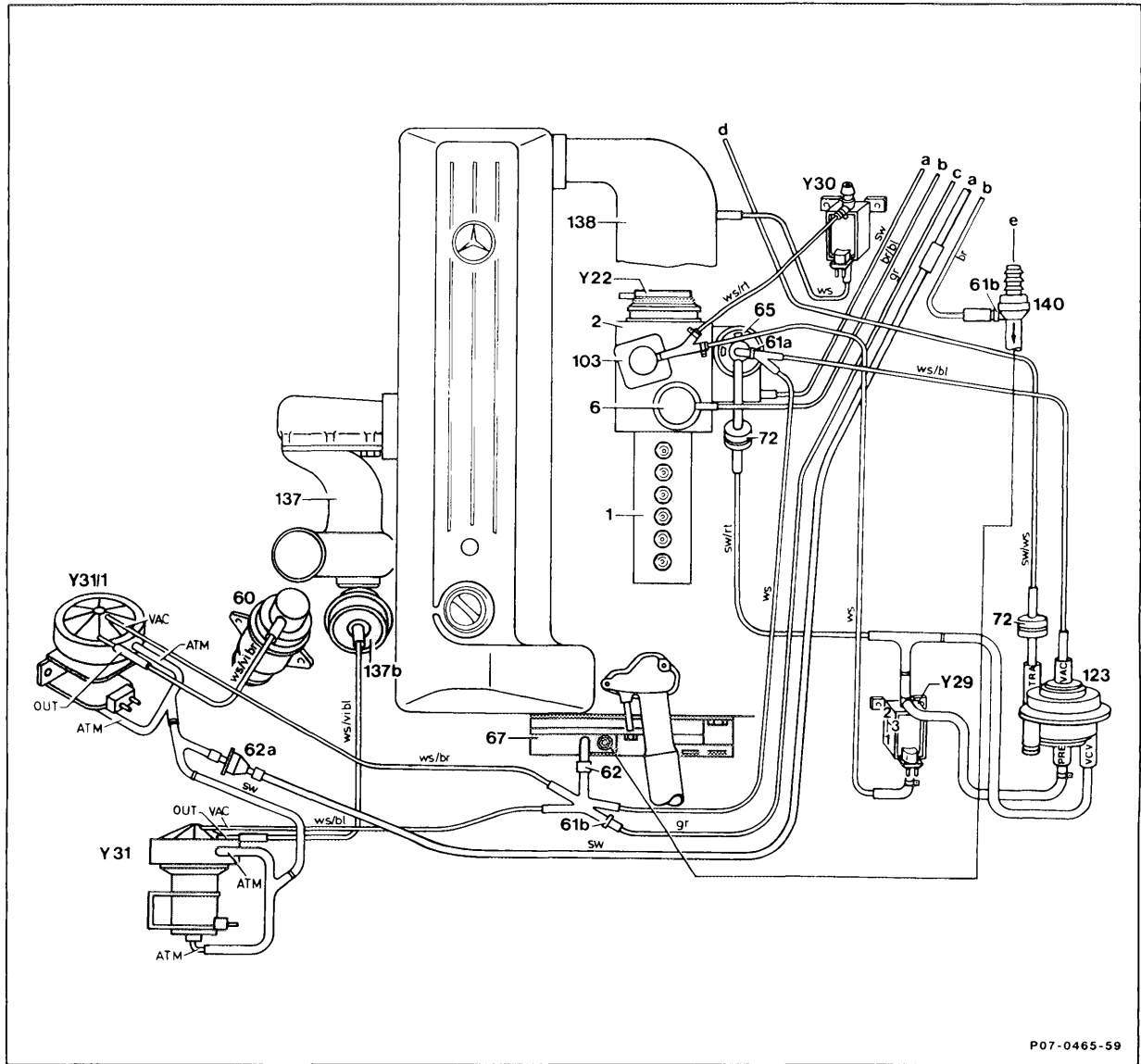


# 07.1-500 Vacuum Circuit Diagrams - Turbodiesel



Vacuum Line Routing Electronic Diesel System Engine 602.961 Federal Model 201  
Model Year 1987

1	Injection pump	Y31/1	Vacuum transducer, exhaust gas recirculation valve
2	Governor	a	Ventilation to passenger compartment
6	Vacuum unit stop	b	Key shut-off
9	Vacuum reservoir	c	Other ancillaries
60	Exhaust gas recirculation valve	d	Vacuum unit, automatic transmission
61a	Restriction	e	Brake booster
61b	Restriction		
62	Filter		
62a	Filter		
65	Vacuum control valve		Pressure and vacuum connections to vacuum transducer or vacuum amplifier
67	Vacuum pump	PRE	Charge pressure from ALDA unit
72	Damper	TRA	To vacuum unit, automatic transmission
103	ALDA unit	VAC	Vacuum from vacuum pump
123	Vacuum amplifier	VCV	To vacuum control valve
137	Exhaust gas turbocharger	ATM	Ventilation to passenger compartment
138	Charge air distribution pipe	OUT	Exhaust gas recirculation to exhaust gas recirculation valve
140	Non-return valve - brake booster		
Y22	ELR actuator	sw	black
Y29	Vacuum amplifier switch-over valve, automatic transmission	bl	blue
Y30	Switch-over valve, engine overload protection	br	brown
		gr	grey
		vi	violet
		rd	red
		ws	white



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## Vacuum Line Routing Electronic Diesel System

Engine 603.96 Model 124 Federal and California from Model Year 1987,

Engine 603.96 Model 126 California from Model Year 1987

1	Injection pump	Y31/1	Vacuum transducer, exhaust gas recirculation valve
2	Governor		
6	Stop unit	a	Ventilation to passenger compartment
60	Exhaust gas recirculation valve	b	Key shut-off
61a	Restriction, blue	c	Other ancillaries
61b	Restriction, orange	d	Vacuum unit, automatic transmission
61c	Restriction	e	Key shut-off
61d	Restriction	f	Brake booster
62	Filter		
62a	Filter		Pressure and vacuum connections to vacuum transducer or vacuum amplifier
62c	Ventilation filter		
65	Vacuum control unit	PRE	Charge pressure from ALDA unit
67	Vacuum pump	TRA	To vacuum unit, automatic transmission
72	Damper	VAC	Vacuum from vacuum pump
103	ALDA unit	VCV	To vacuum control valve
123	Vacuum amplifier	ATM	Ventilation to passenger compartment
137	Exhaust gas turbocharger	ARF	Exhaust gas recirculation to exhaust gas recirculation valve or recirculating air valve
137b	Recirculating air valve		
138	Charge air distribution pipe	sw	black
140	Non-return valve - brake booster	bl	blue
Y22	ELR actuator	be	brown
Y29	Vacuum amplifier switch-over valve, automatic transmission	gr	grey
Y30	Switch-over valve, engine overload protection	vi	violet
Y31	Vacuum transducer, recirculating air valve	rt	red
		ws	white

