

Component Procedures: ABS Main Relay

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Component Procedures: ABS Main Relay

Parts and Labor (itype_189)

Labor

Operation	Qualifier Path	Skill	Std Hrs	Wty Hrs
Replace	Relay > One	B	0.5	0.3

ABS System Relays (Article 2026113)

RELAYS/SWITCHES

Relays: The

ABS main relay

is located in the power distribution center (PDC). The main relay

has two function. First, when the relay is energized, it supplies power to the valve/solenoids in the valve block assembly and the pump/

motor relay

coil. Second, when the relay is de-energized, it supplies a ground to turn on the ABS warning indicator

. The main relay is controlled by the

CAB

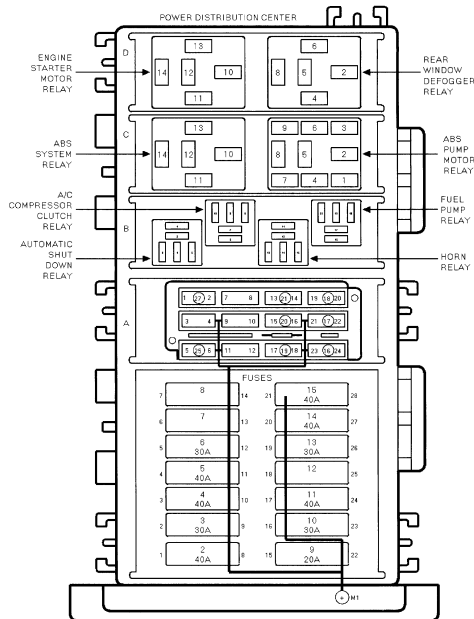
. The CAB energizes the main relay when it receives an ignition input signal.

The

ABS pump

/motor relay supplies power to the pump/motor, It is also located in the power distribution center (PDC). The relay coil is powered by the main relay and the coil ground is controlled by the CAB. The pump/motor relay is a special five terminal relay and should not be replaced with a standard relay.

ABS System Relays (Article 2025650)



ABS SYSTEM RELAY

CAV	CIRCUIT	FUNCTION
C10	B47 14RD/LB	ABS SYSTEM RELAY OUTPUT
C11	F20 20VT/WT	FUSED IGNITION SWITCH OUTPUT (RUN)
C12	Z1 14BK	GROUND
C13	B58 20GY/LB	ABS SYSTEM RELAY CONTROL
C14	A20 14RD/DB	FUSED B(+)

ABS Relay (Article 2025993)

